



FRAGRANCES FLAVOURS

Association of India

INDIAN FRAGRANCES *and* FLAVOURS REFERENCE LIST OF INGREDIENTS



In association with Fragrance & Flavour Development Centre (FFDC),
a centre under the Ministry of MSMEs, Government of India



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First Edition
22nd August, 2020



In association with Fragrance & Flavour Development Centre (FFDC),
a centre under the Ministry of MSMEs, Government of India

Fragrances & Flavours Association of India

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ACKNOWLEDGEMENT

This is the 1st edition of the **Indian Fragrances and Flavours Reference List of Ingredients** compiled with contributions and inputs from all the members and the industry under the inspiration of **Dr. Ram Vishwakarma, Chairman, PCD 18, Bureau of Indian Standards, Government of India** and in partnership with **Mr. Shakti Vinay Shukla and his entire team at the Fragrance and Flavour Development Centre [FFDC]**, a centre under the **Ministry of MSMEs, Government of India** who have partnered with us in this endeavor.



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President's Message

Dear Friends,

On this auspicious occasion of Ganesh Chaturthi, I am happy to present to you the 1st Edition of the **Indian Fragrances and Flavours Reference List of Ingredients**.

In the midst of a global pandemic, people worldwide are getting more and more conscious of the products they consume. The Fragrance and Flavour Industry has always been cognizant of consumer preferences and their safety has always been paramount in whatever we do.

The interests of consumers as well as the need for transparency and clarity has motivated us to present to you this 1st edition of this Indian Reference List of Ingredients. **FAFAI** has been tirelessly working on our Government's vision of **Make in India** and the clarion call of **Vocal for Local**, and this publication, a 1st of its kind compilation of **more than 9,000 ingredients** which are being widely used and generally considered safe by the Indian Fragrances and Flavours industry is a big step in this direction.

This compilation has been a labour of love for the industry and we are also grateful to **Dr. Ram Vishwakarma, Chairman, PCD 18, Bureau of Indian Standards, Government of India** for his inspiration and guidance and **Mr. Shakti Vinay Shukla** and his entire team at the **Fragrance and Flavour Development Centre [FFDC]**, a centre under the **Ministry of MSMEs, Government of India** who have partnered with us in this endeavor.

We have also been fortunate to receive messages of support and blessings from the highest echelons of our Government including our beloved **Prime Minister Shri Narendra Modi ji, Shri Nitin Gadkari ji, Shri Piyush Goyal ji** as well as our own representative from the Industry in Parliament **Shri Subrat Pathak ji**, all of which is a huge morale booster for all of us.

Our entire Industry and the Nation is working with the Government's vision of an **Atmanirbhar Bharat** and we shall all do whatever is necessary and expected in this great quest, which is nothing short of a pratigya for all of us.

With fragrant wishes,

Rishabh C. Kothari
President



सत्यमेव जयते

प्रधान मंत्री
Prime Minister
MESSAGE



It is a pleasure to learn that the Fragrances and Flavours Association of India (FAFAI) is publishing a compilation - 'Indian Fragrances and Flavours Reference List of Ingredients'. The documentation of nearly 9, 000 ingredients is a remarkable initiative that will benefit the industry and people equally.

Richness of flora and specific geographical basis of various natural ingredients are India's strengths. Every region has huge reserve of plant extracts, natural oils, flowers, herbs and spices. These gifts of nature have multiple uses and applications across the manufacturing sector and have always been integral part of our daily life.

Our Government has been taking comprehensive measures to encourage indigenous products and produce. Powered by the collective resolve of 130 crore countrymen, we are marching ahead towards a strong and self-reliant India, where our local supply chains will be firmly integrated with the world economy.

The situation arising due to Corona pandemic has emphasized the requirement for innovation, creativity and skills. The way forward is 'vocal for local', which is not just a need but a responsibility.

The compilation of the ingredients' list will surely serve as an extensive reference document for the industry and the manufacturing sector.

Best wishes for all success of the publication.

(Narendra Modi)

New Delhi

श्रावण 29, शक संवत् 1942

20th August, 2020

Shri Rishabh C. Kothari

President, Fragrances and Flavours
Association of India

2- B, Court Chambers

35, Sir Vithaldas Thackersey Marg

Mumbai, Maharashtra- 400020

नितिन गडकरी
NITIN GADKARI



मंत्री
सड़क परिवहन एवं राजमार्ग;
सूक्ष्म, लघु एवं मध्यम उद्यम
भारत सरकार
Minister
Road Transport and Highways;
Micro, Small and Medium Enterprises
Government of India

MESSAGE

I am happy to learn that the Fragrances and Flavours Association of India (FAFAI) is coming out with the 1st of its kind compilation titled ***“Indian Frangrances and Flavours Reference List of Ingredients”***.

MSME sector have played an important role in our country's economy and significantly contribute towards growth, manufacturing, services, industrial production, export and creation of employment opportunities.

Indian Fragrance and Flavour industry is one of the biggest exporters and importers of ingredients. This industry has a vast potential for sustaining economic growth through utilization of intensive labour and creation of employment opportunities as over thousand MSMEs are operating in both organised and unorganised sector.

FAFAI deserves special applaud for its constant efforts to boost ***‘Make in India’*** mission successful. I am confident that this publication would help to promote local manufacturing and also become a standard document for the industries worldwide.

On this occasion, I congratulate all the members of FAFAI and extend my best wishes for the success of the publication.

(Nitin Gadkari)

Date: 8th August, 2020

Place: New Delhi

SUBRAT PATHAK

Member of Parliament
(Lok Sabha)
Kannauj (U. P.)



Mobile : 7007889220
9839702949



President, FAFAI

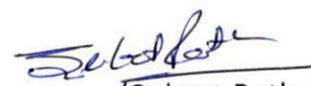
I am immensely delighted to learn that the Fragrances and Flavours Association of India (FAFAI) is coming out with the 1st of its kind compilation titled "Indian Fragrances and Flavours Reference List of Ingredients". Please accept my heartiest congratulations and best wishes for the same.

The present times have witnessed numerous changes in varied changes in fragrance & flavour sector. To keep momentum with global changes and make India Vocal for Local, this is stepping stone. This information will be quit evaluable to those who are in industry. Being working in the same field for last four generation in my family I can understand the effort and usefulness of such reference list. This will make India fragrance & flavour industry more standardized.

I render for sincere gratitude to entire FAFAI team who was behind such good work and also congratulate them for the same.

I extend my cordial best wishes for the success of the publication.

Date: 11th August, 2020
PALACE-KANNAUJ


(Subrat Pathak)



Pramod Kumar Tiwari

**Director General
Bureau of Indian Standards**

Message

Flavours & Fragrances are being increasingly used in all home & personal care products like detergents, soaps, shampoos, incense & dhoop sticks, food & beverages, deodorants and perfumes, etc. They are also used in pharmaceuticals and aromatherapy. They have become an integral part of our lives and they create an aura, leaving a whiff of beauty, joy, wonder and imagination.

Bureau of Indian Standards is carrying out standardization work in this field and so far, has published more than 100 Indian Standards covering natural/synthetic essential oils or fragrances and their methods of tests, sampling, etc. These Indian standards help in identifying the quality requirements of various raw materials or essential oils and flavours and the relevant test methods.

The global flavours and fragrance market was estimated at 26.5 billion USD in 2018 and is forecast to maintain a high growth rate in the coming years since it is driven by the surge in the end-user market of home & personal care and food & beverages products. The Asia-Pacific market share-led by South Korea, Japan, India and China are set to be the fastest-growing region. India's rich history of Ayurveda and abundance of natural herbs and spices makes it a strong contender to achieve a leadership position in this market.

I am happy to know that Fragrances and Flavours Association of India (FAFAI) is coming out with a Publication titled "Indian Fragrances and Flavours Reference List of Ingredients" which will be a reference list of more than 9,000 ingredients that are being used by Indian fragrances and flavours industry. Since today's competitive industry demands a supply of consistent quality of fragrances and essential oils with assured safety from allergens, publication of such a list and the available Indian standards will encourage the industry to make use of these quality ingredients /indigenous compounds in their products. This will also ensure a safe and good quality product to the discerning consumer.

I congratulate FAFAI for bringing out this publication which will be beneficial to the Indian Fragrance and Flavour industries. This will help the country to reduce its dependence on imports and give a boost to exports which are the essence of "Atma Nirbhar Bharat Abhiyan" launched by our Honourable Prime Minister.



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Dr Ram Vishwakarma
Advisor, CSIR
Ex-Director, IIIM Jammu



Message

In my capacity as the **Chairman, Fragrance & Flavour Sectional Committee (PCD-18) of the Bureau of Indian Standards (BIS)**, I am glad to know that Fragrances and Flavours Association of India (FAFAI) is coming out with the “Indian Fragrances and Flavours Reference List of Ingredients”.

I am proud of the achievements and rapid progress of FAFAl in various dimensions of fragrance & flavour. The devotion & dedication of FAFAl for nurturing future generation by fostering knowledge & other support for all round development of the industry & researchers is really appreciable. I am sure that this publication will help to promote local manufacturing to be successful & add to “Vocal for Local” mission of the Hon’ble Prime Minister of India and will also become a standard document for the fragrance & flavour industry, which was long awaited.

I congratulate specially the entire editorial team for their hard work and dedication that has resulted in the publication of this document.

I also congratulate all the members of FAFAl and extend my best wishes for the success of the publication.

RAVishwakarma
(Ram Vishwakarma)

Date: 11th August, 2020



सुगन्ध एवं सुरस विकास केन्द्र, कन्नौज
Fragrance & Flavour Development Centre



भारत सरकार की एक स्वायत्तशासी संस्था,
A Government of India Autonomous Body,
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
Ministry of Micro, Small & Medium Enterprises

Ref. No. :

SHAKTI VINAY SHUKLA
Director



MESSAGE

I am happy to learn that the Fragrances and Flavours Association of India (FAFAI) is coming out with the 1st of its kind compilation titled “Indian Fragrances and Flavours Reference List of Ingredients”.

Fragrances and Flavours Association of India (FAFAI) is a leading association in the country & has been working for the industry in the past as well actively with Bureau of Indian Standards (BIS), Fragrance & Flavour Development Centre (FFDC), Kannauj and also with other leading Research & Development organisations in the country for the benefit of the industry by organizing workshop at Regional, National & International Level & also by sponsoring R & D projects.

This compilation having nearly 4000 fragrant raw material is a long awaited document for fragrant fraternity of the country and would benefit industry, researchers and student at large.

At last, I congratulate FAFAI for this great effort & hope will continue the in time to come.

I extend my cordial wishes for success of this publication.

(Shakti Vinay Shukla)
11. VIII. 2020

Date: 11th August, 2020

Place: Kannauj

Makarand Nagar, KANNAUJ-209726 (U.P.) INDIA

मकरन्द नगर, कन्नौज – २०९७२६ (उ०प्र०) भारत

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(vii)

NOTE

While a lot of care has been taken to make it as comprehensive as possible, there may be omissions as well as typographic errors and we solicit your responses, suggestions, additions or edits for any of the data contained therein. Please kindly send in the same by email to mail@fafai.org which will be incorporated in subsequent editions of this publication.





LIST OF INGREDIENTS FOR FRAGRANCES



Sl.No.	Material Name	FEMA	CAS	Synonyms
1	Abies alba oil from cones (Abies alba Mill.)		8021-27-0	
2	Abies alba oil from needles (Abies alba Mill.)		8021-27-0	
3	Abies sachalinensis oil			
4	Acai berry extract	4547		Assai Palm, Euterpe oleracea, Fats and Glyceridic Oils
5	Acesulfame K		55589-62-3	
6	Acetal	2002	105-57-7	Acetaldehyde diethyl acetal, 1,1-Diethoxyethane, Diethyl acetal, Ethylidene diethyl ether
7	Acetaldehyde	2003	75-07-0	Acetic aldehyde, Ethanal, Ethyl aldehyde
8	Acetaldehyde butyl ethyl acetal		57006-87-8	
9	Acetaldehyde butyl 2-methylbutyl acetal		77249-20-8	
10	Acetaldehyde butyl 3-methylbutyl acetal			
11	Acetaldehyde butyl phenethyl acetal	3125	64577-91-9	
12	Acetaldehyde citronellyl methyl acetal		68039-24-7	Citronellyl methyl acetal
13	Acetaldehyde dibutyl acetal		871-22-7	
14	Acetaldehyde dihexyl acetal		5405-58-3	
15	Acetaldehyde diisoamyl acetal	4024		
16	Acetaldehyde di-isobutylacetal	4527	5669-09-0	Acetaldehyde di(2-methylpropyl) acetal, 1,1-Diisobutoxyethane
17	Acetaldehyde diisopropyl acetal		4285-59-0	
18	Acetaldehyde di(2-methylbutyl) acetal		13535-43-8	
19	Acetaldehyde di(3-methylbutyl) acetal		13002-09-0	
20	Acetaldehyde dipentyl acetal		13002-08-9	
21	Acetaldehyde ethyl trans-3-hexenyl acetal		60763-40-8	
22	Acetaldehyde ethyl (Z)-3-hexenyl acetal	3775	28069-74-1	Acetaldehyde ethyl cis-3-hexenyl acetal, Ethyl cis-3-hexenyl acetal, Leaf acetal, Leaf alcohol ethyl acetal
23	Acetaldehyde ethyl hexyl acetal		54484-73-0	1-Ethoxy-1-hexyloxyethane
24	Acetaldehyde ethyl isobutyl acetal	4528	6986-51-2	Acetaldehyde ethyl 2-methylpropyl acetal, 1-(1-Ethoxyethoxy)-2-methylpropane, 1-Ethoxy-1-isobutoxyethane
25	Acetaldehyde ethyl isoeugenyl acetal		84029-92-5	
26	(+/-)-Acetaldehyde ethyl isopropyl acetal	4432	25334-93-4	2-(1-Ethoxyethoxy)propane, 1-Ethoxy-1-isopropoxyethane, 1-Ethoxy-1-(2-propoxy)ethane
27	Acetaldehyde ethyl linalyl acetal		40910-49-4	Linalool ethyl acetal
28	Acetaldehyde ethyl methyl acetal		10471-14-4	
29	Acetaldehyde ethyl 2-methylbutyl acetal		13602-09-0	
30	Acetaldehyde ethyl 3-methylbutyl acetal		13442-90-5	
31	Acetaldehyde ethyl pentyl acetal		13442-89-2	

Sl.No.	Material Name	FEMA	CAS	Synonyms
32	Acetaldehyde ethyl phenylethyl acetal		07-10-2556	1-Ethoxy-1-(phenylethoxy)ethane, Phenylethyl alcohol acetal, Vertocinth
33	Acetaldehyde ethyl propyl acetal		20680-10-8	
34	Acetaldehyde hexyl isoamyl acetal	4365	233665-90-2	
35	Acetaldehyde hexyl 3-methylbutyl acetal			
36	Acetaldehyde leaf alcohol acetal		63449-64-9	Acetaldehyde, di-(cis-3-hexenyl) acetal, Leaf alcohol (dihexenyl) acetal
37	Acetaldehyde 2-methylbutyl 3-methylbutyl acetal			
38	Acetaldehyde 3-methylbutyl pentyl acetal			
39	Acetaldehyde 3-methylbutyl propyl acetal			
40	Acetaldehyde methyl hexylacetal		54340-90-8	
41	Acetaldehyde 2-methylpropyl 3-methylbutyl acetal		75048-15-6	
42	Acetaldehyde (natural)	2003	75-07-0	
43	Acetaldehyde neryl ethyl acetal		68555-64-6	Nerol ethyl acetal
44	Acetaldehyde 1,3-octanediol acetal	4376	202188-43-0	4-Methyl-2-pentyl-1,3-dioxane
45	Acetaldehyde phenyl ethyl acetal		5426-78-8	Phenyl ethyl acetal
46	Acetaldehyde phenylethyl propyl acetal	2004	7493-57-4	Acetal S, 1-Phenethoxy-1-propoxyethane, Propyl phenethyl acetal, Resedafof
47	Acetal (natural)	2002		
48	Acetamide	4251	60-35-5	
49	Acetanisole	2005	100-06-1	4-Acetylanisole, p-Acetylanisole, p-Methoxyacetophenone, Methyl 4-methoxyphenyl ketone
50	Acetic acid	2006	64-19-7	Acetic acid, glacial, Ethanoic acid
51	Acetic acid (cyclohexyloxy)-2-propenylester		68901-15-5	Allyl cyclohexyloxyacetate, Cyclogalbanate, Datilat, Isoananat
52	Acetic acid (natural)	2006	64-19-7	
53	Acetisoeugenol		93-29-1	Acetyl isoeugenol
54	Acetoacetanilide		102-01-2	
55	Acetoacet-o-anisidide		92-15-9	
56	Acetoacet-o-toluidide		93-68-5	
57	Acetoacet-m-xylidide		97-36-9	

Sl.No.	Material Name	FEMA	CAS	Synonyms
58	Acetoin	2008	513-86-0	Acetyl methyl carbinol, 2,3-Butanolone, Dimethylketol, 3-Hydroxy-2-butanone, gamma-Hydroxy-beta-oxobutane
59	Acetoin (natural)	2008		
60	Acetoin propyleneglycol ketal	4532	94089-23-3	1-(2,4-Dimethyl-1,3-dioxolan-2-yl)ethanol
61	Acetone	3326	67-64-1	Dimethyl ketone, beta-Ketopropane, 2-Oxopropane, 2-Propanone, Pyroacetic ether
62	Acetone (natural)	3326		
63	Acetonitrile		75-05-8	
64	Acetonyl acetate		592-20-1	Acetol acetate, 2-Oxopropyl acetate
65	Acetophenone	2009	98-86-2	Acetylbenzene, 1-Phenylethanone, Phenyl methylketone
66	Acetophenone (natural)	2009		
67	Acetovanillone		498-02-2	4-Hydroxy-3-methoxyacetophenone
68	2-Acetoxy-3-butanone	3526	4906-24-5	Acetoin acetate, Acetyl methyl carbinyl acetate, 2-Butanon-3-yl acetate
69	2-Acetoxy-1,8-cineole		72257-53-5	
70	6-Acetoxydihydrotheaspirane	3651	57893-27-3	2,6,10,10-Tetramethyl-1-oxaspiro[4.5]dec-6-yl acetate
71	4-Acetoxy-2,5-dimethyl-3(2H)furanone	3797	4166-20-5	Pineapple ketone acetate
72	4-Acetoxy-2,5-dimethyl-3(2H)furanone (natural)	3797		Pineapple ketone acetate
73	(+/-)-1-Acetoxy-1-ethoxyethane	4069	1608-72-6	Ethanol, 1-ethoxy-, acetate, 1-Ethoxy-1-ethanol acetate, 1-Ethoxyethyl acetate
74	1-Acetoxy-1-ethynyl-2-sec-butylcyclohexane		37172-05-7	
75	Acetoxymethyl-isolongifolene		59056-62-1	Amboryl acetate
76	4-(p-Acetoxyphenyl)-2-butanone	3652	03-06-3572	
77	3-Acetyl-5-butyldihydro-2(3H)furanone		40010-99-9	
78	4-Acetyl-6-t-butyl-1,1-dimethylindane	3653	13171-00-1	
79	Acetylcarene		05-11-3608	Dragon
80	Acetylcedrene		32388-55-9	Cedarwood, acetylated, Cedryl methyl ketone, Lignofix, Methyl cedryl ketone
81	1-Acetylcyclohexanol		1123-27-9	
82	2-Acetylcyclopentanone		1670-46-8	
83	5-Acetyl-2,3-dihydro-1,4-thiazine	4296	164524-93-0	1-(3,4-Dihydro-2H-1,4-thiazin-5-yl)ethanone
84	Acetyl diisoamylene		81786-73-4	
85	1-Acetyl-3,3-dimethyl-1-cyclohexene		22463-19-0	
86	2-Acetyl-3,5-dimethylfuran	4071	22940-86-9	3,5-Dimethyl-2-furyl methyl ketone, Ethanone, 1-(3,5-dimethyl-2-furanyl)-, Ketone, 3,5-dimethyl-2-furyl methyl
87	3-Acetyl-2,5-dimethylfuran	3391	10599-70-9	2,5-Dimethyl-3-acetylfuran
88	4-Acetyl-2,5-dimethyl-3(2H)-furanone	4070		3(2H)-Furanone, 4-acetyl-2,5-dimethyl-
89	2-Acetyl-3,3-dimethyl norbornane		42370-07-0	

Sl.No.	Material Name	FEMA	CAS	Synonyms
90	2-Acetyl-3,6-dimethylpyrazine	3327	54300-08-2	6-Acetyl-2,5-dimethylpyrazine
91	2-Acetyl-3,5-dimethylpyrazine	3327	54300-08-2	5-Acetyl-2,3-dimethylpyrazine
92	2-Acetyl-3,5(or 6)-dimethylpyrazine	3327	54300-08-2	
93	5-Acetyl-2,3-dimethylpyrazine		54300-10-6	
94	3-Acetyl-2,5-dimethylthiophene	3527* [De-Listed]	01-10-2530	2,5-Dimethyl-3-acetylthiophene
95	2-Acetyl-3-ethylpyrazine	3250	32974-92-8	2-Acetyl-3-ethyl-1,4-diazine
96	2-Acetyl-5-ethylpyrazine		43108-58-3	
97	2-Acetyl-6-ethylpyrazine		34413-34-8	
98	Acetylethyltetramethyltetralin		88-29-9	Aett
99	2-Acetyl-4-ethylthiazole			
100	2-Acetyl-1-furfurylpyrrole		13678-73-4	
101	N-Acetyl glutamate	4752	1188-37-0	alpha-(N-Acetyl)-L-glutamic acid, N-Acetyl-L-glutamic acid
102	5-Acetyl-1,1,2,3,3,6-hexamethylindan		15323-35-0	
103	7-Acetyl-1,1,3,4,4,6-hexamethyltetralin		1506-02-1	Tetralide
104	N-Acetylindole	2127	576-15-8	
105	Acetylisobutyryl	2730	7493-58-5	Methyl isopropyl diketone, 4-Methyl-2,3-pentanedione
106	2-Acetyl-4-isopropenylpyridine	4636	142896-11-5	[4-(1-Methylethenyl)-2-pyridinyl]ethanone
107	4-Acetyl-2-isopropenylpyridine	4637	142896-12-6	[2-(1-Methylethenyl)-4-pyridinyl]ethanone
108	7- and 8-Acetyl-5-isopropyl-2-methylbicyclo(2.2.2)oct-2-ene		68259-33-6	
109	2-Acetyl-4-isopropylpyridine	4638	142896-09-1	[4-(1-Methylethyl)-2-pyridinyl]ethanone
110	5-Acetyl-3-isopropyl-1,1,2,6-tetramethylindane		68140-48-7	
111	3-Acetylmercaptohexyl acetate	3816	136954-25-1	3-Acetylthiohexyl acetate, 3-Acetylthiohexyl ethanoate
112	N-Acetyl methyl anthranilate		06-08-2719	Methyl 2-(acetylamino)benzoate
113	2-Acetyl-5-methylfuran	3609	1193-79-9	1-(3-Methyl-2-furyl)ethanone, Methyl 5-methyl-2-furyl ketone
114	2-Acetyl-3-methylpyrazine	3964	23787-80-6	
115	2-Acetyl-5-methylpyrazine		22047-27-4	
116	2-Acetyl-6-methylpyrazine		22047-26-3	
117	4-Acetyl-2-methylpyrimidine	3654	67860-38-2	
118	2-Acetyl-5-methylpyrrole		6982-72-5	
119	2-Acetyl-4-methylthiazole		05-07-7533	
120	2-Acetyl-5-methylthiazole		59303-17-2	
121	2-Acetyl-3-methylthiophene		13679-72-6	
122	2-Acetyl-5-methylthiophene	4643	13679-74-8	(5-Methyl-2-thienyl) ethanone

Sl.No.	Material Name	FEMA	CAS	Synonyms
123	(Acetyloxy)methyl octyl acetate		68683-25-0	Drago jasimia
124	Acetyl propionyl	2841	600-14-6	beta,gamma-Dioxopentane, Pentan-2,3-dione, 2,3-Pentanedione
125	Acetyl propionyl (natural)			
126	2-Acetylpyrazine	3126	22047-25-2	Methyl pyrazinyl ketone
127	2-Acetylpyridine	3251	1122-62-9	2-Acetopyridine, Methyl 2-pyridyl ketone
128	3-Acetylpyridine	3424	350-03-8	beta-Acetylpyridine, Methyl 3-pyridyl ketone, Methyl beta-pyridyl ketone, 1-(3-Pyridinyl)ethanone
129	4-Acetylpyridine		1122-54-9	
130	2-Acetylpyrroline		99583-29-5	
131	2-Acetyl-1-pyrroline	4249	85213-22-5	
132	Acetyl sulfide		32332-39-1	
133	2-Acetyl-1,4,5,6-tetrahydropyridine		27300-27-2	
134	2-Acetylthiazole	3328	24295-03-2	Methyl 2-thiazolyl ketone, 2-Thiazolyl methyl ketone
135	2-Acetylthiazolidine		67399-73-9	
136	2-Acetyl-2-thiazoline	3817	29926-41-8	2-Acetyl-4,5-dihydrothiazole, Acetylthiazoline-2
137	8-Acetylthio-p-menthanone-3		57074-34-7	
138	2-Acetylthiophene		88-15-3	
139	Acetyl thymol		528-79-0	2-iso Propyl-5-methylphenyl acetate, Thymol acetate
140	4(5)-Acetyl-7,7,9(7,9,9)-trimethylbicyclo[4.3.0]non-1-ene		87641-23-4	
141	Aconitic acid	2010	499-12-7	Achilleic acid, 3-Carboxyglutaconic acid, Citridic acid, Equisetic acid, 1,2,3-Propenetricarboxylic acid, 1-Propene-1,2,3-tricarboxylic acid
142	Adenosine monophosphate; mono- or disodium adenylate	4224	149022-20-8	
143	Adipic acid	2011	124-04-9	1,4-Butanedicarboxylic acid, Hexanedioic acid
144	Agar (Gelidium spp.)	2012	9002-18-0	
145	Agarwood oil (Aquilaria agallocha)			
146	Agrimony (Agimonia eupatoria L.)			Agrimonia eupatoria
147	A2-(5-isopropyl-2-methyltetrahydrothiophen-2-yl)ethanol	4813	1612888-42-2	
148	Ajowan oil (Trachyspermum amii)			
149	Ajuga, yellow bugle (Ajuga chamaepitys L.)			Ajuga chamaepitys
150	beta-Alanine	3252	107-95-9	2-Aminopropanoic acid, beta-Aminopropionic acid

Sl.No.	Material Name	FEMA	CAS	Synonyms
151	dL-Alanine	3818	302-72-7	L-Alanine, L-alpha-Alanine, S-2- Aminopropanoic acid, dL-2- Aminopropionic acid, dL-alpha-Aminopropionic acid
152	dL-Alanine (natural)	3818	302-72-7	
153	Alaska cypress wood oil		1069136-34-0	
154	Alcohol C-13 oxo		68526-86-3	
155	Aldehyde iso C-11		1337-83-3	
156	Ale oil			
157	Alfa absolute (Stipa tenacissima)		68952-68-1	
158	Alfalfa extract (Medicago sativa L.)	2013	84082-36-0	
159	Alfalfa herb and seed (Medicago sativa L.)			
160	Algin (Laminaria spp. and other kelps)	2014	9005-38-3	
161	Alginates, sodium, calcium and ammonium	2015	9005-35-0	Ammonium alginate, Calcium alginate, Sodium alginate
162	Algues absolute (Fucus vesiculosus)		68917-51-1	
163	Algues extract (Fucus ascophyllum)			
164	Alkanet root extract (Alkanna tinctoria Tausch)			Alcannin, extract, Alkannin, extract, Anchusin, extract
165	Alkyl pyrazines			
166	Allicin		539-86-6	S-2-Propenyl-2-propene-1-sulphinothioate
167	Allo-ocimene		673-84-7	2,6-Dimethyl-2,4,6-octatriene, 2,6-Dimethylocta-2,4,6-triene
168	Allo-ocimenol		18479-54-4	(cis and trans) 3,7-Dimethyl-4,6-octadien-3-ol
169	Allspice (Pimenta officinalis Lind L.)	2017	8006-77-7	
170	Allspice extract (Pimenta officinalis Lind L.)		84929-57-7	
171	Allspice oil (Pimenta officinalis Lind L.)	2018	8006-77-7	Pimenta, Pimenta oil
172	Allspice oleoresin/extract (Pimenta officinalis Lind L.)	2019	8006-77-7	
173	Allyl acetate		591-87-7	
174	Allyl acetate (natural)		591-87-7	
175	Allyl alcohol		107-18-7	2-Propenol-1
176	Allyl amylglycolate		67634-00-8	Allyl (3-methylbutoxy)acetate, Allyl pentyloxyacetate, Glycolic acid 2-pentyloxy allyl ester
177	Allyl amylglycolate (natural)		67634-00-8	
178	Allyl anthranilate	2020	7493-63-2	Allyl 2-aminobenzoate, Allyl o-aminobenzoate, 2-Propenyl 2-aminobenzoate, 2-Propenyl anthranilate, Vinyl carbinyl anthranilate
179	Allyl butyrate	2021	2051-78-7	2-Propenyl butanoate

Sl.No.	Material Name	FEMA	CAS	Synonyms
180	Allyl cinnamate	2022	1866-31-5	Allyl beta-phenylacrylate, Allyl 3-phenyl-2-propenoate, Propenyl cinnamate, 2-Propenyl 3-phenyl-2-propenoate, Vinyl carbinyl cinnamate
181	Allyl crotonate	4072	20474-93-5	Allyl 2-butenate, Allyl beta-methylacrylate, 2-Butenoic acid, 2-propenyl ester, Crotonic acid, allyl ester, 2-Propenyl trans-2-butenate
182	Allyl cyclohexaneacetate	2023	4728-82-9	Allyl cyclohexylacetate, 2-Propenyl cyclohexaneacetate
183	Allyl cyclohexanebutyrate	2024	7493-65-4	Allyl 4-cyclohexylbutyrate, Allyl hexahydrophenylbutyrate, 2-Propenyl cyclohexanebutyrate
184	Allyl cyclohexanehexanoate	2025	7493-66-5	Allyl 6-cyclohexanehexanoate, Allyl hexahydrophenylhexanoate, 2-Propenyl cyclohexanecaproate
185	Allyl cyclohexanevalerate	2027	7493-68-7	Allyl 5-cyclohexylpentanoate, Allyl cyclohexylvalerate, Allyl hexahydrophenylvalerate, 2-Propenyl cyclohexanevalerate
186	Allyl cyclohexylpropionate	2026	2705-87-5	Allyl 3-cyclohexylpropionate, Allyl beta-cyclohexylpropionate, Allyl hexahydrophenylpropionate, 2-Propenyl cyclohexanepropionate
187	Allyl cyclopentanone (Jasmallyl)			
188	S-Allyl-L-cysteine	4322	21593-77-1	S-Allylcysteine, (+)-S-Allylcysteine, 3-(Allylthio)-alanine, (2R)-3-(Allylthio)-2-aminopropanoic acid, (R)-Allylthio-2-aminopropionic acid, S-2-Propenylcysteine, S-(2-Propenyl)-L-cysteine
189	Allyl decanoate		57856-81-2	
190	4-Allyl-2,6-dimethoxyphenol	3655	6627-88-9	4-Allylsyringol, 6-Methoxyeugenol
191	Allyl disulfide nature identical	2028	2179-57-9	Diallyl disulfide, 2-Propenyl disulfide
192	3-(Allyldithio)butan-2-one	4843		3-(Allyldisulfanyl)butan-2-one, 3-(2-Propen-1-ylthio)-2-butanone
193	Allyl 2-ethylbutyrate	2029	7493-69-8	2-Propenyl 2-ethylbutanoate, 2-Propenyl 2-ethylbutyrate
194	Allyl formate		1838-59-1	
195	Allyl 2-furoate	2030	4208-49-5	Allyl furan-2-carboxylate, 2-Propenyl furan-2-carboxylate, 2-Propenyl 2-furoate
196	Allyl 3-(2-furyl)acrylate			
197	Allyl heptanoate	2031	142-19-8	Allyl enanthate, Allyl oenanthate, 2-Propenyl heptanoate
198	Allyl heptanoate (natural)	2031	142-19-8	
199	Allyl hexanoate	2032	123-68-2	Allyl caproate, 2-Propenyl hexanoate
200	Allyl hexanoate (natural)	2032	123-68-2	

Sl.No.	Material Name	FEMA	CAS	Synonyms
201	Allyl alpha-ionone	2033	79-78-7	Allyl cyclocitrylidene acetone, alpha-cyclocitrylidenemethyl ketone, alpha-Cyclocitrylidenemethyl butenyl ketone, 1-(2,6,6-Trimethyl-2-cyclohexene-1-yl)-1,6-heptadien-3-one
202	Allyl isononylate		68132-80-9	
203	Allyl isothiocyanate	2034	57-06--7	Allinat, Allyl isosulfocyanate, Allyl thiocarbonimide, 3-Isothiocyanato-1-propene, Mustard oil, 2-Propenyl isothiocyanate
204	Allyl isothiocyanate (natural)	2034	57-06-7	
205	Allyl isovalerate	2045	2835-39-4	Allyl isopentanoate, Allyl 3-methylbutanoate, 2-Propenyl isovalerate, 2-Propenyl 3-methylbutanoate
206	Allyl levulinate		1070-35-5	
207	Allyl mercaptan	2035	870-23-5	Allyl sulfhydrate, Allylthiol, 2-Propen-1-thiol
208	Allyl methyl disulfide	3127	2179-58-0	Methyl allyl disulfide
209	Allyl methyl phenylglycidate			
210	Allyl methyl sulfide		10152-76-8	
211	Allyl methyl tetrasulfide		90195-83-8	
212	Allyl methyl trisulfide	3253	34135-85-8	Methyl allyl trisulfide
213	Allyl nonanoate	2036	7493-72-3	Allyl pelargonate, 2-Propenyl nonanoate, 2-Propenyl pelargonate
214	Allyl octanoate	2037	4230-97-1	Allyl caprylate, 2-Propenyl octanoate
215	Allyl 2-octynoate		73157-43-4	Allyl heptene carbonate
216	Allyl pentanoate		6321-45-5	
217	4-Allylphenol	4075	501-92-8	Chavicol, p-Hydroxyallylbenzene, 3-(p-Hydroxyphenyl)-1-propene, Phenol, p-allyl-, Phenol, 4-(2-propenyl)-
218	Allyl phenoxyacetate	2038	7493-74-5	2-Propenyl phenoxyacetate
219	Allyl phenylacetate	2039	1797-74-6	Allyl alpha-toluate, 2-Propenylphenylacetate
220	Allyl phenylethyl ether		14289-65-7	Mycolide LRA 220
221	Allyl phenylglycidate		15817-15-9	
222	Allyl 1-propenyl disulfide		33368-82-0	
223	Allyl 1-propenyl disulfide	4823		Allyl propenyl disulfide, 1-Propenyl 2-propenyl disulfide
224	Allyl propionate	2040	2408-20-0	Allyl propanoate, 2-Propenyl propanoate
225	Allyl propyl disulfide	4073	2179-59-1	Disulfide, allyl propyl, Disulfide, 2-propenyl propyl, 4,5-Dithia-1-octene, 2-Propenyl propyl disulfide, Propyl allyl disulfide
226	Allyl propyl sulfide		33922-70-2	
227	Allyl propyl trisulfide		33922-73-5	
228	Allyl sorbate	2041	30895-79-5	Allyl 2,4-hexadienoate, 2-Propenyl 2,4-hexadienoate
229	Allyl sulfide	2042	592-88-1	Diallyl sulfide, 2-Propenyl sulfide, Thioallyl ether
230	1-Allyl-2,2,7,7-tetramethylcycloheptanol		105463-44-3	

Sl.No.	Material Name	FEMA	CAS	Synonyms
231	Allyl thiohexanoate	4076	156420-69-8	Hexanethioic acid, S-2-propenyl ester
232	Allyl thiopropionate	3329	41820-22-8	
233	Allyl tiglate	2043	7493-71-2	Allyl trans-2-methyl-2-butenolate
234	Allyl trimethylhexanoate		68132-80-9	
235	Allyl 10-undecenoate	2044	7493-76-7	Allyl undecylenate, 2-Propenyl 10-undecenoate
236	Allyl valerate	4074	6321-45-5	Pentanoic acid, 2-propenyl ester, Valeric acid, allyl ester
237	Almond extract		90320-36-8	
238	Almond oil, bitter (ffpa) (<i>Prunus amygdalus</i>)	2046	8013-76-1	
239	Almond oil, sweet		8007-69-0	Almond oil, sweet (<i>Prunus</i> species), Sweet almond oil (<i>prunis amygoalus</i>)
240	Almond oil, sweet (natural)		8007-69-0	
241	Aloe extract (<i>Aloe</i> spp.)	2047	8001-97-6	
242	Alpine wormwood (<i>Artemisia mutellina</i> Vill.)			<i>Artemisia mutellina</i>
243	Althea flowers (<i>Althea officinalis</i> L.)			
244	Althea root (<i>Althea officinalis</i> L.)	2048		Marshmallow root
245	Amaranth seed extract			
246	Amarocite		69674-46-8	
247	Ambergris tincture	2049	8038-65-1	
248	Amber oxepin		57345-19-4	Amberketal, Dodecahydrotetramethyl epoxynaphthoxepin, Dodecahydro-3,8,8,11a-tetramethyl-5H-3,5a-epoxynaphth (2,1-c)oxepin
249	Amborol 50		59056-64-3	Hydroxymethyl-isolongifolene, 2,3b-Methano-3bH-cyclopenta[1,3]cyclopropal[1,2]benzene-4-methanol, octahydro-7,7,8,8-tetramethyl-, Octahydro-7,7,8,8-tetramethyl-2,3b-methano-3bH-cyclopenta[1,3]cyclopropal[1,2]benzene-4-methanol
250	Ambrette seed (<i>Hibiscus abelmoschus</i> L.)		8015-62-1	
251	Ambrette seed absolute (<i>Hibiscus abelmoschus</i> L.)	2050	8015-62-1	
252	Ambrette seed oil (<i>Hibiscus abelmoschus</i> L.)	2051	8015-62-1	<i>Hibiscus abelmoschus</i> L.
253	Ambrette tincture (<i>Hibiscus abelmoschus</i> L.)	2052	84455-19-6	
254	Ambrettolide	2555	7779-50-2	omega-6-Hexadecenlactone, Hexadec-7-en-1,16-lactone, 6-Hexadecenolide, Oxacycloheptadec-10-en-2-one
255	Ambroprene		67919-67-9	
256	American aloe (<i>Agave americana</i> L.)			<i>Agave americana</i>

Sl.No.	Material Name	FEMA	CAS	Synonyms
257	3-[(4-Amino-2,2-dioxido-1H-2,1,3-benzothiadiazin-5-yl)oxy]-2,2-dimethyl-N-propylpropanamide	4701		3-(4-Amino-1H-benzo[c][1,2,6]thiadiazin-5-yloxy)-2,2-dimethyl-N-propylpropanamide-2,2-dioxide, 3-(1H-Benzo[c][1,2,6]thiadiazin-4-amine-2,2-dioxide)-5-yloxy-2,2-dimethyl-N-propylpropanamide
258	2'-Aminoacetophenone	3906	551-93-9	1-Acetyl-2-aminobenzene, 2-Acetylaniline, o-Aminoacetophenone, 2-Aminophenyl methyl ketone
259	4-Aminobutyric acid	4288	56-12-2	4-Aminobutanoic acid, gamma-Aminobutanoic acid, omega-Aminobutyric acid, gamma-Aminobutyric acid, 3-Carboxypropylamine, GABA
260	d,l-(3-Amino-3-carboxypropyl)dimethylsulfonium chloride	3445	1115-84-0	dl-Methylmethionine sulfonium chloride, MMSC, Vitamin U
261	4-Amino-5,6-dimethylthieno[2,3-d]pyrimidin-2(1H)-one and salt form 4-amino-5,6-dimethylthieno[2,3-d]	4669		Thieno[2,3-d]pyrimidin-2(1H)-one, 4-amino-5,6-dimethyl, Thieno[2,3-d]pyrimidin-2(1H)-one, 4-amino-5,6-dimethyl-, hydrochloride(1:1)
262	3-[(Amino-2,2-dioxido-1H-2,1,3-benzothiadiazin-5-yl)oxy]-2,2-dimethyl-N-propylpropanamide	4701		3-(4-Amino-1H-benzo[c][1,2,6]thiadiazin-5-yloxy)-2,2-dimethyl-N-propylpropanamide-2,2-dioxide, 3-(1H-Benzo[c][1,2,6]thiadiazin-4-amine-2,2-dioxide)-5-yloxy-2,2-dimethyl-N-propylpropanamide, Propanamide, 3-[(4-amino-2,2-dioxido-1H-2,1,3-benzothiadiazin-5-yl)oxy]-2,2-dimethyl-N-propyl-
263	(s)-1-(3-(((4-amino-2,2-dioxido-1H-benzo[C][1,2,6]thiadiazin-5-yl)oxy)methyl)piperidin-1-yl)-3-methy	4802	1469426-64-9	
264	1-Amino-2-propanol	3965	78-96-8	2-Amino-1-methylethanol
265	2-Aminopyrazine		5049-61-6	
266	Ammi Visnaga		84695-96-5	Ammi Visnaga Oil, Khella Oil, Visnaga Vera Oil
267	Ammonia	4494	7664-41-7	
268	Ammonium alginate nature identical		9005-34-9	
269	Ammonium chloride	4494	12125-02-9	
270	Ammonium hydrogen sulfide		12124-99-1	
271	Ammonium isovalerate (natural)		7563-33-9	
272	Ammonium isovalerate	2054	7563-33-9	Ammonium isovalerianate
273	Ammonium sulfide	2053	12135-76-1	Diammonium sulfide
274	Ammonium sulfide (natural)	2053		
275	n-Amyl acetate		628-63-7	Pentyl acetate
276	n-Amyl acetate (natural)		628-63-7	
277	n-Amyl acetoacetate			
278	Amyl alcohol	2056	71-41-0	n-Butyl carbinol, 1-Pentanol, Pentyl alcohol
279	Amyl alcohol (natural)	2056	71-41-0	
280	tert-Amylbenzene			
281	Amyl benzoate		2049-96-9	n-Amyl benzoate, Pentyl benzoate

Sl.No.	Material Name	FEMA	CAS	Synonyms
282	Amyl butyrate	2059	540-18-1	Amyl butanoate, Pentyl butyrate
283	Amyl butyrate (natural)	2059	540-18-1	
284	alpha-Amylcinnamaldehyde	2061	122-40-7	Amylcinnamal, Amylcinnamic aldehyde, alpha-Amyl-beta-phenylacrolein, Buxine, Flomine, Flosal, Floxine, Jasmine aldehyde, Jasmonal, alpha-Pentylcinnamaldehyde, alpha-Pentyl-beta-phenylacrolein
285	alpha-Amylcinnamaldehyde (natural)	2061	122-40-7	
286	alpha-Amylcinnamaldehyde dimethyl acetal	2062	91-87-2	alpha-n-Amylcinnamal dimethyl acetal, alpha-n-Amyl-beta-phenylacrolein dimethyl acetal, 1,1-Dimethoxy-2-amyl-3-phenyl-2-propene, 1,1-Dimethoxy-2-benzylideneheptane, alpha-Pentylcinnamaldehyde dimethyl acetal
287	alpha-Amylcinnamic aldehyde diethyl acetal		60763-41-9	1,1-Diethoxy-2-amyl-3-phenyl-2-propene
288	Amylcinnamic aldehyde digeranyl acetal		67785-69-7	
289	Amylcinnamic aldehyde diinallyl acetal		67785-71-1	
290	alpha-Amylcinnamyl acetate	2064	7493-78-9	Amylcinnamyl acetate, alpha-n-Amyl-beta-phenylacryl acetate, alpha-Pentylcinnamyl acetate
291	alpha-Amylcinnamyl alcohol	2065	101-85-9	n-Amylcinnamic alcohol, 2-Amyl-3-phenyl-2-propen-1-ol, 2-Benzylideneheptanol, alpha-Pentylcinnamyl alcohol
292	alpha-Amylcinnamyl formate	2066	7493-79-0	alpha-n-Amyl-beta-phenylacryl formate, alpha-Pentylcinnamyl formate
293	Amylcinnamylidene methyl anthranilate			
294	alpha-Amylcinnamyl isovalerate	2067	7493-80-3	alpha-Amylcinnamyl isovalerate, alpha-n-Amyl-beta-phenylacryl isovalerate, alpha-n-Amyl-beta-phenylacryl 3-methylbutanoate, alpha-Pentylcinnamyl isovalerate
295	p-tert-Amylcyclohexanol		5349-51-9	
296	4-tert-Amylcyclohexanone		16587-71-6	4-t-Pentylcyclohexanone
297	Amylcyclohexyl acetate (mixed isomers)		67874-72-0	
298	Amyl decanoate		5933-87-9	Amyl caprate, Amyl caprinate, Pentyl decanoate
299	Amyl formate	2068	638-49-3	Amyl formiate, Amyl methanoate, Pentyl formate, n-Pentyl methanoate
300	Amyl 2-furoate	2072	1334-82-3	Amyl furan-2-carboxylate, n-Pentyl furan-2-carboxylate, Pentyl 2-furoate
301	Amyl heptanoate	2073	7493-82-5	Amyl heptoate, Amyl heptylate, n-Pentyl heptanoate
302	Amyl hexanoate	2074	540-07-8	Amyl caproate, n-Pentyl hexanoate
303	Amyl hexanoate (natural)	2074	540-07-8	
304	Amyl isoeugenol ether		10484-36-3	
305	Amyl isothiocyanate	4417	629-12-9	1-Isothiocyantopentane, Pentyl isothiocyanate, 1-Pentyl isothiocyanate, n-Pentyl isothiocyanate

Sl.No.	Material Name	FEMA	CAS	Synonyms
306	Amyl isovalerate		25415-62-7	Amyl 3-methylbutanoate, Pentyl isovalerate, Pentyl 3-methylbutanoate, Pentyl 3-methylbutyrate
307	2-Amyl-5-keto-1,4 dioxane	2076	65504-96-3	5-Pentyl-1,4-dioxan-2-one
308	2-Amyl-5 or 6-keto-1,4-dioxane	2076	65504-96-3	5(or 6)-Pentyl-1,4-dioxan-2-one
309	2-Amyl-6-keto-1,4-dioxane	2076	65504-96-3	5-Pentyl-1,4-dioxan-3-one
310	n-Amyl lactate		05-06-6382	Pentyl 2-hydroxypropionate
311	Amyl laurate		08-03-5350	Pentyl dodecanoate
312	n-Amyl 2-methylbutyrate		68039-26-9	Pentyl-2-methyl butyrate
313	Amyl methyl disulfide	4025		
314	Amyl 2-methylvalerate		6297-48-9	Pentyl 2-methylpentanoate, Pentyl 2-methylvalerate
315	Amyl octanoate	2079	638-25-5	Amyl caprylate, Amyl octylate, Pentyl octanoate, n-Pentyl octylate
316	n-Amyl oenanthate			
317	n-Amyl phenylacetate		5137-52-0	Pentyl phenylacetate, Pentyl 2-phenylacetate, Pentyl alpha-Toluate
318	n-Amyl propionate		624-54-4	Pentyl propionate
319	n-Amyl propionate (natural)		624-54-4	
320	Amyl salicylate		2050-08-0	Amyl 2-hydroxybenzoate, Amyl (2-hydroxyphenyl)formate, Pentyl 2-hydroxybenzoate
321	Amyl vinyl carbonyl propionate			
322	Amyris acetate		68916-14-3	
323	Amyris oil (Amyris balsamifera L.)		8015-65-4	Sandalwood, West Indian, oil
324	Amyris oil, acetylated		8015-65-4	
325	Anethol		104-46-1	1-Methoxy-4-propenylbenzene
326	trans-Anethole	2086	4180-23-8	Anise camphor, Isoestragole, p-Methoxy-beta-methylstyrene, p-Methoxy-alpha-phenylpropene, 1-Methoxy-4-propenylbenzene, p-Methoxypropenylbenzene, 4-Methoxy-1-propenylbenzene, Nauli, p-Propenylanisole, p-Propenylphenyl methyl ether
327	trans-Anethole (natural)	2086	4180-23-8	
328	alpha-Angelica lactone	3293	591-12-8	4-Hydroxy-3-pentenoic acid lactone, 5-Methyl-2(3H)furanone
329	beta-Angelicalactone	4438	591-11-7	4-Hydroxy-2-pentenoic acid gamma-lactone, 4-Methyl-2-butenolide, 5-Methylfuran-2(5H)-one
330	alpha-Angelica lactone (natural)	3293	591-12-8	
331	Angelica root (Angelica spp.)		8015-64-3	
332	Angelica root extract (Angelica archangelica L.)	2087	84775-41-7	
333	Angelica root oil (Angelica archangelica L.)	2088	8015-64-3	
334	Angelica seed (Angelica spp.)		8015-64-3	

Sl.No.	Material Name	FEMA	CAS	Synonyms
335	Angelica seed extract (Angelica archangelica L.)	2089	84775-41-7	
336	Angelica seed oil (Angelica archangelica L.)	2090	8015-64-3	
337	Angelica stem oil (Angelica archangelica L.)	2091	8015-64-3	
338	Angola weed (Roccella fuciformis Ach.)			
339	Angostura (Galipea officinalis Hancock)		68916-12-1	Cusparia bark
340	Angostura extract (Galipea officinalis Hancock)	2092	91697-93-7	
341	o-Anisaldehyde	4077	135-02-4	2-Anisaldehyde, Benzaldehyde, 2-methoxy-, o-Formylanisole, 2-Methoxybenzaldehyde, o-Methoxybenzaldehyde, 2-Methoxybenzenecarboxaldehyde, 2-Methoxyphenylformaldehyde, Salicylaldehyde methyl ether
342	m-Anisaldehyde		591-31-1	
343	Anisaldehyde diethyl acetal		2403-58-9	p-Methoxybenzaldehyde diethyl acetal
344	Anisaldehyde dimethyl acetal		2186-92-7	
345	Anisaldehyde propyleneglycol acetal	4627	6414-32-0	2-(4-Methoxyphenyl)-4-methyl-1,3-dioxolane, 2-(p-Methoxyphenyl)-4-methyl-1,3-dioxolane
346	Anise (Pimpinella anisum L.)	2093	84775-42-8	Pimpinella anisum L.
347	Aniseed oil pimpinella Spanish		8007-70-3	
348	Aniseed oil BP extra		8007-70-3	
349	Anise oil (Pimpinella anisum L.)	2094	84775-42-8	
350	Anise oleoresin		84775-42-8	
351	Anise star (Illicium verum Hook, F.)	2095	8007-70-3	Illicium verum Hook, F., Star anise
352	Anise star oil (Illicium verum Hook, F.)	2096	8007-70-3	Star anise oil
353	Anise star oil, terpeneless		8007-70-3	
354	4-Anisic acid	3945	100-09-4	4-Methoxybenzoic acid
355	4-Anisic acid (natural)	3945	100-09-4	
356	m-Anisidine		536-90-3	
357	Anisole	2097	100-66-3	Methoxybenzene, Methyl phenyl ether, Phenyl methyl ether
358	Anisyl acetate	2098	104-21-2	Cassie ketone, 4-Methoxybenzyl acetate, p-Methoxybenzyl acetate
359	Anisyl acetate (natural)	2098	104-21-2	
360	Anisyl alcohol	2099	105-13-5	AAL, Anisalcohol, Anise alcohol, Anisic alcohol, p-Methoxybenzyl alcohol
361	Anisyl alcohol (natural)	2099	105-13-5	
362	Anisyl butyrate	2100	6963-56-0	
363	Anisyl caproate		6624-60-8	

Sl.No.	Material Name	FEMA	CAS	Synonyms
364	Anisyl formate	2101	122-91-8	Anisyl methanoate, 4-Methoxybenzyl formate, p-Methoxybenzyl formate, p-Methoxybenzyl methanoate
365	Anisyl formate (natural)	2101	122-91-8	
366	Anisyl isobutyrate			
367	Anisyl isovalerate		71617-09-9	
368	Anisyl phenylacetate	3740	102-17-0	Anisyl alpha-toluate, p-Methoxybenzyl phenylacetate
369	Anisyl propionate	2102	7549-33-9	Anisyl propanoate, p-Methoxybenzyl propionate
370	Anisyl propionate (natural)	2102	7549-33-9	
371	Anisyl n-valerate			
372	Annatto extract (Bixa orellana L.)	2103	8015-67-6	Annotta extract, Arnotta extract
373	Annatto seed (Bixa orellana L.)	2104	1393-63-1	Annotta seed, Arnotta seed, Bixa orellana L.
374	Apple concentrate			
375	Apple distillate			
376	Apple essence			
377	Apple essence concentrate			
378	Apple extract		85251-63-4	Apple CO2 extract
379	Apple juice			
380	Apricot distillate (Prunus armeniaca L.)			
381	Apricot essence concentrate (Prunus armeniaca L.)			
382	Apricot extract (Prunus armeniaca L.)			
383	Apricot juice concentrate (Prunus armeniaca L.)			
384	Apricot kernel oil (Prunus armeniaca L.)	2105	72869-69-3	Persic oil, Prunus armeniaca L.
385	Arabinogalactan	3254	9036-66-2	Larch gum
386	L-Arabinose	3255	5328-37-0	Pectin sugar
387	Argan oil		299184-75-1	
388	l-Arginine	3819	74-79-3	2-Amino-5-guanidovaleric acid, (S)-2-Amino-5-guanidovaleric acid, Arginine
389	l-Arginine (natural)	3819	74-79-3	
390	Armoise oil (Artemisia vulgaris L.)		8008-93-3	Artemisia vulgaris, Mugwort oil

Sl.No.	Material Name	FEMA	CAS	Synonyms
391	Armoise oil, white (<i>Artemisia herba alba</i>)		84775-75-7	
392	Arnica flowers absolute (<i>Arnica</i> spp.)		68990-11-4	
393	Arnica total CO2 extract		68990-11-4	
394	Aromadendrene		489-39-4	
395	<i>Artemisia afra</i>		91745-71-0	
396	Artemisia ketone		546-49-6	3,3,6-Trimethylhepta-1,5-diene-4-one
397	Artemisia oil (<i>Artemisia vulgaris</i>)		84775-45-1	
398	Artemisia wormseeds (<i>Artemisia cina</i> Berg.)		8008-93-3	Artemisia cina
399	Artichoke leaves oil (<i>Cynara scolymus</i> L.)			
400	Asafoetida fluid extract (<i>Ferula assafoetida</i> L.)	2106	08-04-9000	
401	Asafoetida gum (<i>Ferula assafoetida</i> L.)	2107	08-04-9000	
402	Asafoetida oil (<i>Ferula assafoetida</i> L.)	2108	08-04-9000	<i>Ferula assafoetida</i> L.
403	Ascorbic acid	2109	50-81-7	L-Ascorbic acid, L-3-Ketothreohexoronic acid lactone, 3-Oxo-L-gulofuranolactone, Vitamin C
404	Ascorbic acid (natural)	2109	50-81-7	
405	Ash bark, prickly, extract (<i>Xanthoxylum</i> spp.)	2110		
406	d,l-Asparagine		3130-87-8	
407	L-Asparagine		70-47-3	
408	Asparagus extract			
409	Asparagus juice			
410	Asparagus seed and root extract			
411	Aspartame		22839-47-0	NutraSweet
412	dl-Aspartic acid		617-45-8	
413	L-Aspartic acid	3656	56-84-8	2-Aminobutanedioic acid, 2-Aminosuccinic acid
414	L-Aspartic acid (natural)	3656	56-84-8	
415	Avocado oil (<i>Persea armeniaca</i>)			
416	Avocado oil		8024-32-6	

Sl.No.	Material Name	FEMA	CAS	Synonyms
417	Ayou oil			
418	Azelaic acid		123-99-9	2,4-Nonadienol-1
419	Azodicarboamide		123-37-3	
420	Babassu oil		91078-32-1	
421	Baccartol		68916-62-1	
422	Balm (Melissa officinalis L.)	2111	8014-71-9	Lemon balm
423	Balm leaves extract (Melissa officinalis L.)	2112	84082-61-1	Lemon balm extract, Melissa extract
424	Balm leaves oil (Melissa officinalis L.)	2113	8014-71-9	Balm lemon oil, Lemon balm oil, Melissa oil
425	Balsam fir absolute (Abies balsamea (L.) Mill.)		8024-15-5	
426	Balsam fir oil (Abies balsamea (L.) Mill.)	2114	8016-42-0	Abies balsamea L.
427	Balsam fir oleoresin (Abies balsamea (L.) Mill.)	2115	8016-42-0	
428	Balsam Peru (Myroxylon pereirae Klotzsch)	2116	8007-00-9	Myroxylon pereirae Klotzsch
429	Balsam Peru extract (resinoid)		8007-00-9	
430	Balsam oil, Peru (Myroxylon pereirae Klotzsch)	2117	8007-00-9	Peru balsam oil
431	Banana distillate			
432	Banana essence			
433	Banana extract			
434	Baobab oil			
435	Barberry (Berberis vulgaris L.)			Berberis vulgaris
436	Barley extract (Hordeum sativum)		85251-64-5	
437	Basil (Ocimum basilicum L.)	2118	8015-73-4	
438	Basil bush (Ocimum minimum L.)			
439	Basil, Cinnamon Methylcinnamate Concrete/ Absolute			
440	Basil, Cinnamon Methylcinnamate oil			
441	Basil extract (Ocimum basilicum L.)	2120	8015-73-4	
442	Basil, Lemon/Verbena Citral Concrete/ Absolute			

Sl.No.	Material Name	FEMA	CAS	Synonyms
443	Basil, lemon/verbena citral oil			
444	Basil oil (<i>Ocimum basilicum</i> L.)	2119	8015-73-4	
445	Basil sweet oil	2119	8015-73-4	
446	Basil sweet absolute (<i>Ocimum basilicum</i> L.)		8015-73-4	
447	Basil sweet (<i>Ocimum basilicum</i> L.) oleoresin		8015-73-4	
448	Basil, Tropical Methylchavicol Concrete/ Absolute			
449	Basil, Tropical Methylchavicol oil			
450	Bay leaves, West Indian, extract (<i>Pimenta racemosa</i> Mill.)	2121	91721-75-4	
451	Bay leaves, West Indian, oil (<i>Pimenta racemosa</i> Mill.)	2122	91721-75-4	Myrcia oil, <i>Pimenta acris</i> Kostel
452	Bay leaves, West Indian, oleoresin (<i>Pimenta racemosa</i> Mill.)	2123	91721-75-4	
453	Bay oil (<i>Pimenta racemosa</i>)		8006-78-8	
454	Bay oil, terpeneless (<i>Pimenta racemosa</i>)			
455	Bay, sweet (<i>Laurus nobilis</i> L.)	2124	8007-48-5	<i>Laurus nobilis</i> L.
456	Bay, sweet, oil (<i>Laurus nobilis</i> L.)	2125	8007-48-5	
457	Beechwood creosote (<i>Fagus</i> spp.)		8021-39-4	Wood creosote
458	Beer distillate			
459	Beeswax absolute (<i>Apis mellifera</i> L.)	2126	8012-89-3	<i>Apis mellifera</i> L., Cire d'abeille absolute
460	Behenic acid		112-85-6	
461	Benzaldehyde	2127	100-52-7	Benzenecarbonal, Benzenecarboxaldehyde, Benzoic aldehyde, Bitter almond oil, synthetic
462	Benzaldehyde diethyl acetal		774-48-1	
463	Benzaldehyde dimethyl acetal	2128	1125-88-8	Dimethoxymethylbenzene, alpha,alpha- Dimethoxytoluene
464	Benzaldehyde dimethyl acetal (natural)	2128	1125-88-8	
465	Benzaldehyde glyceryl acetal	2129	1319-88-6	Benzaldehyde, cyclic acetal with glycerol, Benzalglycerin, 5-Hydroxy-2-phenyl-m- dioxane (and) 4-hydroxymethyl-2-phenyl- m-dioxolane, 2-Phenyl-5-hydroxy-1,3- dioxane (and) 2-phenyl-4-hydroxymethyl- 1,3-dioxane
466	Benzaldehyde glyceryl acetal (natural)	2129	1319-88-6	

Sl.No.	Material Name	FEMA	CAS	Synonyms
467	Benzaldehyde (natural)	2127	100-52-7	
468	Benzaldehyde propylene glycol acetal	2130	2568-25-4	4-Methyl-2-phenyl-1,3-dioxolane, 4-Methyl-2-phenyl-m-dioxolane
469	N-p-Benzeneacetonitrilementhane carboxamide	4496	852379-28-3	N-(4-Cyanomethylphenyl)-p-menthane carboxamide, N-[4-(Cyanomethyl)phenyl]-5-methyl-2-(1-methylethyl)-cyclohexane carboxamide
470	1,4-Benzenediol		123-31-9	
471	Benzenepropanol,beta,beta-dimethyl		13351-61-6	Muguetalcohol
472	Benzenethiol	3616	108-98-5	Thiophenol
473	Benzhydrol		91-01-0	
474	2-Benzofurancarboxaldehyde	3128	4265-16-1	2-Formylbenzofuran
475	Benzofuran-2-methylketone		1646-26-0	Coumarone
476	Benzoic acid	2131	65-85-0	Benzenecarboxylic acid, Carboxybenzene, Dracrylic acid, Phenylformic acid
477	Benzoic acid (natural)	2131	65-85-0	
478	Benzoin	2132	119-53-9	Benzoyl phenyl carbinol, 2-Hydroxy-1,2-diphenylethanone, 2-Hydroxy-2-phenylacetophenone, alpha-Hydroxy-alpha-phenylacetophenone
479	Benzoin absolute		09-05-9000	
480	Benzoin gum (Styasc tonkinensis Pierre)		9000-72-0	
481	Benzoin resinoid (Styrax tonkinensis Pierre)	2133	09-05-9000	Benzoe, Benzoin extract, Benzoin siam resinoid extract, Gum benjamin, Gum benzoin
482	Benzoin siam absolute		9000-72-0	
483	Benzoin siam resin		9000-72-0	
484	Benzonitrile		100-47-0	
485	Benzophenone	2134	119-61-9	Benzoylbenzene, Diphenyl ketone, Diphenylmethanone, alpha-Oxidiphenylmethane, Phenyl ketone
486	Benzothiazole	3256	95-16-9	
487	N-Benzoylanthranilic acid	4078	579-93-1	Anthranilic acid, N-benzoyl, Benzoic acid, 2-(benzoylamino), 2-Benzoylamino benzoic acid, 2-Carboxybenzanilide, N-(2-Carboxyphenyl)benzamide, Dianthramid B
488	Benzyl acetate	2135	140-11-4	Benzyl ethanoate
489	Benzyl acetate (natural)	2135	140-11-4	

Sl.No.	Material Name	FEMA	CAS	Synonyms
490	Benzyl acetoacetate	2136	5396-89-4	Benzyl acetylacetate, Benzyl beta-ketobutyrate, Benzyl 3-oxobutanoate
491	Benzyl acrylate		2495-35-4	
492	Benzyl alcohol	2137	100-51-6	alpha-Hydroxytoluene, Phenyl carbinol, Phenylmethanol, Phenylmethyl alcohol
493	Benzyl alcohol (natural)	2137	100-51-6	
494	Benzyl anthranilate		82185-41-9	
495	Benzyl benzoate	2138	120-51-4	Benzyl benzenecarboxylate, Benzyl phenylformate, Phenylmethyl benzoate
496	Benzyl benzoate (natural)	2138	120-51-4	
497	Benzyl 2-butenoate		65416-24-2	Benzyl crotonate
498	Benzyl butyrate	2140	103-37-7	Aldehyde C-19 (so called), Benzyl butanoate, Phenylmethyl butyrate
499	Benzyl butyrate (natural)	2140	103-37-7	
500	Benzyl caprylate		10276-85-4	Benzyl octanoate
501	Benzyl cinnamate	2142	103-41-3	Benzyl beta-phenylacrylate, Benzyl 3-phenylpropenoate, Cinnamein, Phenylmethyl 3-phenylpropenoate
502	Benzyl cinnamate (natural)	2142	103-41-3	
503	Benzyl decanoate		42175-41-7	
504	Benzyl 2,2-dimethylpropanoate		2094-69-1	Benzyl pivalate
505	Benzyl dipropyl ketone	2146	7492-37-7	3-Benzyl-4-heptanone, Morellone, 1-Phenyl-2-ethyl-3-hexanone
506	Benzyl disulfide	3617	150-60-7	BDS, alpha(Benzyl dithio)toluene, Dibenzyl disulfide, 1,4-Diphenyl-2,3-dithiobutane, Di(phenylmethyl) disulfide
507	Benzyl ethyl ether	2144	539-30-0	Ethyl benzyl ether
508	Benzyl eugenol		57371-42-3	
509	Benzyl formate	2145	104-57-4	Benzyl methanoate, Phenylmethyl formate
510	Benzyl formate (natural)	2145	104-57-4	
511	Benzyl hexanoate	4026	6938-45-0	
512	Benzylidene acetone	2881	122-57-6	Methyl cinnamyl ketone, Methyl styryl ketone, 4-Phenyl-3-buten-2-one
513	Benzylidene acetone (natural)	2881	122-57-6	
514	Benzyl isoamyl ether		122-73-6	Isoamyl benzyl ether

Sl.No.	Material Name	FEMA	CAS	Synonyms
515	Benzyl isobutyrate	2141	103-28-6	Benzyl 2-methylpropanoate, Phenylmethyl isobutyrate
516	Benzyl isobutyrate (natural)	2141	103-28-6	
517	Benzyl isothiocyanate	4428	622-78-6	Benzyl mustard, Benzyl mustard oil, Isothiocyanatomethylbenzene, (Isothiocyanatomethyl)benzene
518	Benzyl isovalerate	2152	103-38-8	Benzyl isopentanoate, Benzyl isovalerianate, Benzyl 3-methylbutanoate
519	Benzyl isovalerate (natural)	2152	103-38-8	
520	Benzyl lactate		2051-96-9	Benzyl-2-hydroxy propionate
521	Benzyl laurate		140-25-0	Benzyl dodecanoate
522	Benzyl levulinate	4623	6939-75-9	Benzyl 4-oxopentanoate, Pentanoic acid, 4-oxo-, phenylmethyl ester
523	Benzyl mercaptan	2147	100-53-8	Benzenemethanethiol, Benzyl hydrosulfide, Benzylthiol, alpha-Mercaptotoluene, Phenylmethanethiol, Thiobenzyl alcohol, alpha-Toluenethiol
524	Benzyl mercaptan (natural)	2147		
525	Benzyl methoxyethyl acetal	2148	7492-39-9	Acetaldehyde benzyl beta-methoxyethyl acetal, 1-Benzylloxy-1-(2-methoxyethoxy)ethane
526	2-Benzyl-2-methyl-3-butenenitrile		97384-40-0	
527	Benzyl trans-2-methyl-2-butenolate	3330	37526-88-8	Benzyl tiglate
528	Benzyl 2-methylbutyrate		56423-40-6	
529	3-Benzyl-3-methyl-4-pentene-2-one		80586-96-5	
530	1-Benzyl-1-methyl-3-phenylpropyl acetate			
531	Benzyl methyl sulfide	3597	766-92-7	Methyl benzyl sulfide, Methylthiomethylbenzene, alpha-(Methylthio)toluene
532	Benzyl methyltiglate	2143	7492-69-5	Benzyl 2,3-dimethyl-2-butenolate, Benzyl 2,3-dimethylcrotonate
533	Benzyl nonanoate	4626	6471-66-5	Nonanoic acid, benzyl ester, Nonanoic acid, phenylmethyl ester
534	Benzyl octyl ether		54852-64-1	
535	2-(3-Benzylloxypropyl)pyridine	4832		2-[3-(Phenylmethoxy)propyl]-pyridine
536	Benzyl phenylacetate	2149	102-16-9	Benzyl alpha-toluate, Phenylmethyl phenylacetate
537	Benzyl phenyl ether		946-80-5	

Sl.No.	Material Name	FEMA	CAS	Synonyms
538	1-Benzylpiperazine		2759-28-6	
539	Benzyl propionate	2150	122-63-4	Benzyl propanoate
540	Benzyl propionate (natural)	2150	122-63-4	
541	Benzyl salicylate	2151	118-58-1	Benzyl o-hydroxybenzoate, Phenylmethyl 2-hydroxybenzoate
542	Benzyl n-valerate		10361-39-4	Benzyl pentanoate
543	Bergamot oil (Citrus aurantium L. subsp. bergamia)	2153	8007-75-8	Bergamot orange oil, Citrus aurantium L. oil
544	Bergamot oil, bergaptene-free (Citrus aurantium L.)		68648-33-9	
545	Bergamot oil, terpeneless (Citrus aurantium L.)		8007-75-8	
546	Bergamot petitgrain oil (Citrus aurantium L. subsp. bergamia)			
547	beta-Damascone	3243	23726-91-2	(E)-1-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-2-buten-1-one
548	Betaine	4223	107-43-7	
549	Betanin (Beet)		57917-55-2	
550	Bicyclic ethyl esters		22833-73-4	
551	Bicyclo(2,2,1)heptane-2-carbonitrile,dimethyl		104516-97-4	1,3-Dimethylbicyclo[2.2.1]heptane-2-carbonitrile, Romaryl
552	Bicyclo[2.2.1]heptan, 2-ethyl, 5-methoxy		122795-41-9	Bicyclo[2.2.1]heptane, 2-ethyl, 5-methoxy-, 2-Ethyl-5-methoxybicyclo[2.2.1]heptane, Ethylmethoxybicycloheptane, Tricyclo[2.2.1]heptane, 1-ethyl, 3-methoxy-
553	Bicyclohexylidene-2-one		1011-12-7	
554	Biphenyl	3129	92-52-4	Diphenyl, Phenylbenzene
555	Birch sweet oil (Betula lenta L.)	2154	68917-50-0	Betula lenta L., Black birch oil
556	Birch tar oil (Betula pendula Roth)		8001-88-5	Betula pendula Roth and related Betula spp.
557	Birch wood pyrolysate			
558	1,8,12-Bisabolatriene		17627-44-0	
559	Bisabolene	3331	495-62-5	gamma-Bisabolene
560	beta-Bisabolene		495-61-4	
561	Bisabolene (natural)	3331	495-62-5	

Sl.No.	Material Name	FEMA	CAS	Synonyms
562	alpha-Bisabolol	4666	515-69-5	Bisabolol, (-)-(1S,2S)-alpha-Bisabolol, (-)-(4S,8S)-alpha-Bisabolol, (-)-alpha-Bisabolol, alpha-(-)-Bisabolol, alpha,4-Dimethyl-alpha-(4-methyl-3-pentenyl)-3-cyclohexene-1-methanol, Dragasantol, 5-Hepten-2-ol, 6-methyl-2-(4-methyl-3-cyclohexen-1-yl), (-)-, (2R)-6-Methyl-2-[(1R)-4-methylcyclohex-3-en-1-yl]hept-5-en-2-ol
563	Bis-(1-mercaptopropyl)sulfide	4297	53897-60-2	1,1'-Thiobis-1-propanethiol
564	Bis-(2-Methyl-3-furyl) disulfide	3259	28588-75-2	3,3'-Dithio-bis(2-methylfuran), 3,3'-Dithio-2,2'-dimethyldifuran, 2-Methyl-3-furyl disulfide
565	Bis-(2-Methyl-3-furyl) tetrasulfide	3260	28588-76-3	2-Methyl-3-furyl tetrasulfide, 3,3'-Tetrathiobis(2-methylfuran)
566	bis(2-Methylphenyl) disulfide	4576	4032-80-8	Di-o-tolyl disulfide, 1,1'-Disulfanediy bis(2-methylbenzene)
567	Blackberry bark extract (Rubus, spp. of section Eubatus)	2155	84787-69-9	Rubus spp.
568	Blackberry juice concentrate (Rubus, spp. of section Eubatus)		73049-50-0	
569	Black currant buds absolute (Ribes nigrum L.)	2346	97676-19-2	Black currant, Cassis
570	Black currant buds, concrete (Ribes nigrum L.)		68606-81-5	
571	Black currant concentrate (Ribes nigrum L.)			
572	Black currant distillate (Ribes nigrum L.)			
573	Black currant essence (Ribes nigrum L.)			
574	Black currant seed oil (Ribes nigrum L.)		68606-81-5	
575	Black currant extract (Ribes nigrum L.)			
576	Black sugar maple (Acer saccharum L.)			Acer saccharum
577	Black tea extract			
578	Blood orange oil (Citrus sinensis (L.) Osbeck 'Blood orange')	4856		Citrus sinensis (L.) Osbeck 'Blood orange' oil
579	Blueberry concentrate			
580	Blueberry distillate			
581	Blueberry extract			
582	Blue cypress oil (Callitris intratropica)			
583	Bois de rose oil (Aniba rosaeodora Ducke)	2156	8015-77-8	Aniba rosaeodora Ducke, Iniba rosaeodora Ducke, Rosewood oil
584	Bois de rose oil, acetylated		68952-69-2	
585	Boldo leaf oil (Peumus boldus)		8022-81-9	

Sl.No.	Material Name	FEMA	CAS	Synonyms
586	Borage (Borago officinalis L.)		84012-16-8	Borago officinalis
587	Borage oil			
588	spiro(Bornane-3,1-cyclopentan)-2-one		107715-18-4	
589	Borneol	2157	507-70-0	Baros camphor, endo-2-Bornanol, 2-Bornanol, Borneo camphor, Bornyl alcohol, 2-Camphanol, endo-2-Camphanol, Camphol, 2-Hydroxybornane, endo-2-Hydroxycamphane, 2-Hydroxycamphane, endo-1,7,7-Trimethylbicyclo[2.2.1]heptan-2-ol
590	l-Borneol		464-45-9	
591	l-Borneol (natural)		464-45-9	
592	Bornyl acetate	2159	76-49-3	Borneol acetate, endo-2-Bornyl acetate, Bornyl ethanoate, 2-Camphanyl acetate, Terpeneless siberian pine needle oil
593	(L)-Bornyl acetate	4080	5655-61-8	Bicyclo[2.2.1]heptan-2-ol, 1,7,7-trimethyl-, acetate, (1S,2R,4S)-, (-)-Bornyl acetate, (1S-endo)-1,7-Trimethylbicyclo[2.2.1]heptan-2-ol acetate
594	Bornyl butyrate	3907	13109-70-1	Bornyl butanoate, Butyric acid, 2-bornyl ester
595	Bornyl formate	2161	7492-41-3	endo-2-Bornanyl formate, Borneol formate, Bornyl methanoate, 2-Camphanyl formate
596	Bornyl isovalerate	2165	76-50-6	Bornyl 3-isobutyrate, Bornyl isovalerianate, Bornyl 3-methylpentanoate, Bornylval
597	Bornyl salicylate		560-88-3	
598	Bornyl valerate	2164	7549-41-9	Bornyl n-pentanoate, endo-2-Bornyl valerate, Bornyl valerianate, endo-2-Camphanyl valerate
599	Boronia absolute (Boronia megastigma Nees)	2167	91771-36-7	
600	beta-Bourbonene		5208-59-3	Decahydroisopropylmethylmethylenecyclobuta(1,2:3,4)dicyclopentene
601	Box tree absolute		68916-72-3	
602	Box tree leaf extract		84012-17-9	
603	Bramble water (Ruby fruticonis L.)		86787-69-9	
604	Bran absolute		68916-76-7	
605	Brandy extract		91082-91-6	
606	Breadfruit tree (Artocarpus communis)			Artocarpus communis
607	Broccoli extract			
608	Bromelain		9001-00-7	

Sl.No.	Material Name	FEMA	CAS	Synonyms
609	Brominated vegetable oils	2168	8016-94-2	
610	Bromoacetal		2032-35-1	
611	1-Bromo-2-phenylethylene		103-64-0	beta Bromostyrene
612	4-Bromostyrene		2039-82-9	
613	Bryonia root (Bryonia spp.)			
614	Buchu leaves oil (Barosma spp.)			
615	Buchu leaves, whole (Barosma spp.)	2169	68650-46-4	
616	Buchu sulfur fractions			
617	Buckbean leaves (Menyanthes trifoliata L.)			
618	Buckbean leaves extract (Menyanthes trifoliata L.)			Menyanthes trifoliata
619	Bull's heart (Annona reticula L.)			
620	Butanal dibenzyl thioacetal	4589		Annona reticula
621	Butanal ethyl 3-methylbutyl acetal			1,1'-(Butane-1,1'-diylbis(sulfanediyImethanediy))dibenzene, Butyraldehyde, dibenzyl mercaptal
622	Butanal ethyl pentyl acetal			
623	1,3-Butanediol		107-88-0	1,3-Butylene glycol
624	2,3-Butanediol		513-85-9	
625	1,2-Butanedithiol	3528	16128-68-0	1,2-Dimercaptobutane
626	1,3-Butanedithiol	3529	24330-52-7	1,3-Dimercaptobutane
627	1,4-Butanedithiol		1191-08-8	
628	2,3-Butanedithiol	3477	4532-64-3	2,3-Dimercaptobutane
629	1-Butanethiol	3478	109-79-5	n-Butyl mercaptan
630	2-Butanethiol		513-53-1	
631	1-Butanethiol (natural)	3478		
632	2-Butanol		78-92-2	Ethyl methyl carbinol, Methyl ethyl carbinol
633	2-Butanol (natural)		78-92-2	
634	Butan-3-one-2-yl butanoate	3332	84642-61-5	

Sl.No.	Material Name	FEMA	CAS	Synonyms
635	Butan-3-one-2-yl butanoate (natural)	3332	84642-61-5	
636	2-Butanoylthiophene			
637	2-Butenal		123-73-9	
638	2-Butenal diethyl acetal		10602-34-3	
639	But-2-en-1,4-lactone			
640	(E)-2-Butenoic Acid	3908	107-93-7	trans-2-Butenoic acid, (E)-Crotonic acid
641	2-Butenoic acid		6413724-65-0	Crotonic acid
642	2-Butenol-1		6117-91-5	
643	3-Butenol-2		598-32-3	
644	3-Butenone-2		78-94-4	Methyl vinyl ketone
645	4-(2-Butenylidene)-3,5,5-trimethylcyclohex-2-en-1-one	4663	13215-88-8	4-(2-Buten-1-ylidene)-3,5,5-trimethyl-2-cyclohexen-1-one, (4E)-4-[(2E/Z)-Butenylidene]-3,5,5-trimethylcyclohex-2-en-1-one, 2-Cyclohexen-1-one, 4-(2-butenylidene)-3,5,5-trimethyl-, Megastigmatrienone, Tabanone
646	3-Butenyl isothiocyanate	4418	3386-97-8	1-Butene-4-isothiocyanate
647	1-Buten-1-yl methyl sulfide	3820	32951-19-2	
648	2-Butoxyethanol		111-76-2	
649	Butter acids	2171	91745-88-9	
650	Butter acids (natural)	2171	91745-88-9	
651	Butter esters	2172	97926-23-3	
652	Butter esters (natural)	2172	97926-23-3	
653	Butter starter distillate	2173	91745-88-9	
654	n-Butyl acetate	2174	123-86-4	Butyl ethanoate
655	n-Butyl acetate (natural)	2174	123-86-4	
656	sec-Butyl acetate		105-46-4	
657	tert-Butyl acetate		540-88-5	
658	Butyl acetoacetate	2176	591-60-6	Butyl 3-ketobutanoate, Butyl 3-ketobutyrate, Butyl 3-oxobutanoate
659	Butyl acetolactate			

Sl.No.	Material Name	FEMA	CAS	Synonyms
660	Butyl alcohol	2178		1-Butanol, n-Butanol, Propyl carbinol
661	Butyl alcohol (natural)	2178	71-36-3	
662	n-Butylamine	3130	109-73-9	1-Aminobutane
663	sec-Butylamine	4240	13952-84-6	2-Butylamine
664	n-Butyl angelate		7785-64-0	
665	Butyl anthranilate	2181	7756-96-9	Butyl o-aminobenzoate, n-Butyl 2-aminobenzoate
666	Butylated hydroxyanisole	2183	25013-16-5	BHA, 2-t-Butyl-4-methoxyphenol and 3-t-butyl-4-methoxyphenol, Embanox
667	Butylated hydroxytoluene	2184	128-37-0	BHT, 2,6-di-t-Butyl-p-cresol, 2,6-di-t-Butyl-4-methylphenol, Impruvol, Ionol c.p., Parabar, Vianol
668	tert-Butylbenzene		98-06-6	
669	Butyl benzoate		136-60-7	
670	Butyl benzyl ether	2139	588-67-0	Benzyl butyl ether, n-Butyl benzyl ether
671	2-Butyl-2-butenal	3392	25409-08-9	2-Ethylidenehexanal
672	Butyl trans-2-butenate		591-63-9	
673	Butyl butyrate	2186	109-21-7	n-Butyl butanoate
674	Butyl butyrate (natural)	2186	109-21-7	
675	sec-Butyl n-butyrate		819-97-6	2-Butyl butyrate
676	Butyl butyrylglycolate		94022-04-5	
677	Butyl butyryllactate	2190	7492-70-8	2-Butoxy-1-methyl-2-oxoethyl butyrate
678	Butyl butyryllactate (natural)	2190	7492-70-8	
679	Butyl caprate		30673-36-0	Butyl decanoate
680	Butyl caproate	2201	626-82-4	n-Butyl hexanoate
681	Butyl caproate (natural)	2201	626-82-4	
682	Butyl catechol, para tertiary		98-29-3	
683	alpha-Butylcinnamaldehyde	2191	7492-44-6	2-Benzylidenehexanal, Butylcinnamic aldehyde, alpha-Butyl-beta-phenylacrolein
684	Butyl cinnamate	2192	538-65-8	Butyl beta-phenylacrylate, n-Butyl phenylacrylate, Butyl 3-phenylpropenoate

Sl.No.	Material Name	FEMA	CAS	Synonyms
685	n-Butyl crotonate		7299-91-4	
686	4-tert-Butylcyclohexancarboxaldehyde		20691-52-5	Racinal
687	2-tert-Butylcyclohexanol		13491-79-7	
688	4-tert-Butylcyclohexanol		98-52-2	
689	2-sec-Butylcyclohexanone	3261	14765-30-1	ortho-sec-Butylcyclohexanone, 2-(1-Methylpropyl)cyclohexanone
690	2-tert-Butylcyclohexanone		1728-46-7	
691	4-tert-Butylcyclohexanone		98-53-3	Irisone (nature identical)
692	4-t-Butylcyclohexyl acetate		32210-32-4	para tertiary Butyl cyclohexyl acetate (PTBCHA), 4-(1,1-Dimethylethyl)-1-cyclohexanol acetate, Oryclon
693	o-t-Butylcyclohexyl acetate		88-41-5	Agrumex, 2-t-Butylcyclohexyl acetate, ortho tiary Butyl cyclohexyl acetate (OTBCHA), Ylanat ortho
694	4-t-Butylcyclohexyl formate		68039-42-9	
695	2-t-Butylcyclohexyloxy-2-butanol		139504-68-0	
696	4-tert-Butylcyclohexyl propionate		68797-70-6	
697	Butyl 2,4-decadienoate		28369-24-6	
698	Butyl decylenate	2194	7492-45-7	n-Butyl 2-decenoate
699	4-tert-Butyl-2,6-dimethylacetophenone		2040-10-0	
700	2-Butyl-4,6-dimethyldihydropyran		24237-0-1	
701	2-Butyl-3,5-dimethylpyrazine		50888-63-6	
702	2-Butyl-3,5(6)-dimethylpyrazine		72797-18-3	
703	2-(2-Butyl)-4,5-dimethyl-3-thiazoline	3619	65894-82-8	2,5-Dihydro-4,5-dimethyl-2-(1-methylpropyl)thiazole
704	2-Butyl-1,4-dioxaspiro [4.4]nonane		78649-62-4	Jasmonan
705	Butyl ethyl disulfide	4027		
706	sec-Butyl ethyl ether	3131	2679-87-0	Ethyl sec-butyl ether
707	Butyl ethyl malonate	2195	17373-84-1	Ethyl butyl malonate
708	2-Butyl-5-ethylthiophene		54411-06-2	
709	Butyl formate	2196	592-84-7	n-Butyl methanoate

Sl.No.	Material Name	FEMA	CAS	Synonyms
710	2-Butyl formate		589-40-2	
711	Butyl formate (natural)		592-84-7	
712	2-Butylfuran	4081	4466-24-4	Furan, 2-butyl-
713	Butyl 2-furoate		583-33-5	
714	Butyl heptanoate	2199	5454-28-4	n-Butyl heptoate, n-Butyl heptylate, n-Butyl oenanthate
715	Butyl heptanoate (natural)	2199	5454-28-4	
716	Butyl hexadecanoate		111-06-8	
717	2-Butyl hexanoate		3115-28-4	
718	Butyl 2-hexenoate		13416-74-5	
719	Butyl 3-hexenoate		118869-62-8	
720	tert-Butyl hydroquinone		1948-33-0	TBHQ
721	2-Butyl 2-hydroxypropionate		18449-60-0	
722	3-Butylideneephthalide	3333	551-08-6	Ligusticum lactone
723	Butyl isobutyrate	2188	97-87-0	n-Butyl 2-methylpropanoate
724	Butyl isobutyrate (natural)	2188	97-87-0	
725	Butyl isothiocyanate	4082	592-82-5	Butane, 1-isothiocyanato-, n-Butyl isothiocyanate, Butyl mustard oil, 1-isothiocyanatobutane, Isothiocyanic acid, butyl ester
726	2-Butylisothiocyanate	4419	4426-79-3	sec-Butyl isothiocyanate, 2-Isothiocyanatobutane, 1-Methylpropyl isothiocyanate
727	Butyl isovalerate	2218	109-19-3	Butyl isopentanoate, Butyl isovalerianate, Butyl 3-methylbutanoate
728	Butyl isovalerate (natural)	2218	109-19-3	
729	2-Butyl-5- or 6-keto-1,4-dioxane	2204	65504-95-2	5(or 6)-Butyl-1,4-dioxan-2-one
730	Butyl lactate	2205	138-22-7	Butyl 2-hydroxypropanoate
731	Butyl laurate	2206	106-18-3	n-Butyl dodecanoate, Butyl dodecylate
732	Butyl laurate (natural)	2206	106-18-3	
733	Butyl levulinate	2207	2052-15-5	Butyl acetylpropionate, Butyl 4-ketovalerate, Butyl 4-oxopentanoate
734	sec Butyl 3-methylbut-2-enethioate		34322-09-3	

Sl.No.	Material Name	FEMA	CAS	Synonyms
735	2-Butyl 2-methyl-2-butenoate			
736	n-Butyl 2-methylbutyrate	3393	1506-73-7	
737	n-Butyl 2-methylbutyrate (natural)	3393	15706-73-7	
738	p-tert-Butyl-alpha-methylidihydrocinnamic aldehyde		80-54-6	Lilestralis, Lily aldehyde
739	tert-Butyl methyl ether		1634-04-4	2-Methoxy-2-methylpropane
740	n-Butyl methylphenylglycidate		93963-69-0	
741	2-Butyl-3-methylpyrazine		15987-00-5	
742	2-Butyl-4-methyl(4H)pyrrolidino[1,2e]-1,3,5-dithiazine		132344-97-9	
743	Butyl beta-(methylthio)acrylate	4571		Butyl 3-(methylsulfanyl)acrylate, 2-Propenoic acid, 3-(methylthio)-, butyl ester
744	Butyl 2-methylvalerate		6297-41-2	
745	Butyl myristate		110-36-1	
746	Butyl beta-naphthyl ether	4634	10484-56-7	2-Butoxynaphthalene, beta-Naphthol butyl ether
747	Butyl octanoate		589-75-3	Butyl caprylate
748	Butyl 2-octenoate		57403-2-4	
749	Butyl oleate		142-77-8	
750	Butylparaben	2203	94-26-8	Butyl p-hydroxybenzoate, n-Butyl 4-hydroxybenzoate, Butyl parasept
751	Butyl pelargonate		50623-57-9	Butyl nonanoate
752	3-tert-Butylphenol		585-34-2	
753	Butyl phenylacetate	2209	122-43-0	Butyl alpha-toluate
754	3-n-Butylphthalide	3334	6066-49-5	
755	Butyl propionate	2211	590-01-2	n-Butyl propanoate
756	Butyl propionate (natural)	2211	590-01-2	
757	t-Butyl pyrazine		32741-11-0	
758	2-Butylpyridine		5058-19-5	
759	3-Butylpyridine		539-32-2	
760	3-(2-Butyl)pyridine		25224-14-0	

Sl.No.	Material Name	FEMA	CAS	Synonyms
761	4-Butylquinoline		74808-78-9	
762	t-Butylquinoline		61702-91-8	
763	Butyl salicylate	3650	2052-14-4	n-Butyl o-hydroxybenzoate
764	n-Butyl sorbate		7367-78-4	
765	Butyl stearate	2214	123-95-5	Butyl octadecanoate
766	3-Butyltetrahydro-5-methyl-2H-pyran-4-ol acetate		38285-49-3	
767	4-Butylthiazole			
768	sec-Butyl thioisovalerate		2432-91-9	
769	2-Butylthiophene		1455-20-5	
770	9 Mixture of 3- and 4-butyl-2-thiophenecarboxyaldehyde	4839		
771	n-Butyl tiglate		7785-66-2	
772	n-Butyl trichloroacetate		06-07-3657	
773	2-Butyl-4,4,6-trimethyl-1,3-dioxane		54546-26-8	
774	Butyl 10-undecylenate	2216	109-42-2	Butyl 10-undecenoate
775	Butyl valerate	2217	591-68-4	Butyl pentanoate, Butyl valerianate
776	Butyl valerate (natural)	2217	591-68-4	
777	Butyraldehyde	2219	123-72-8	Butanal, n-Butyl aldehyde, Butyric aldehyde
778	Butyraldehyde,1,3-butylene glycol acetal		1745-87-5	
779	Butyraldehyde diethylacetal		3658-95-5	Butanal diethyl acetal
780	Butyraldehyde (natural)	2219	123-72-8	
781	Butyraldehyde propylene glycol acetal		4352-99-2	2-Propyl-4-methyl-1,3-dioxolane
782	Butyramide	4252	541-35-5	
783	Butyric acid	2221	107-92-6	Butanoic acid, Ethylacetic acid
784	Butyric acid (natural)	2221	107-92-6	
785	Butyric anhydride		106-31-0	
786	gamma-Butyrolactone	3291	96-48-0	4-Hydroxybutanoic acid lactone

Sl.No.	Material Name	FEMA	CAS	Synonyms
787	gamma-Butyrolactone (natural)	3291	96-48-0	
788	n-Butyronitrile		109-74-0	
789	n-Butyrophenone		495-40-9	
790	2-Butyrylfuran	4083	4208-57-5	1-Butanone, 1-(2-furanyl)-, 1-(2-Furyl)-1-butanone, 2-Furyl propyl ketone, Furyl n-propyl ketone
791	2-Butyrylthiophene		5333-33-5	
792	Cabreuva oil (Myrocarpus frondosus)		68188-03-4	
793	Cade oil (Juniperus oxycedrus L.)		03-10-8013	
794	Cadinene		29350-73-0	3,4,5,8,9,10-Hexahydro-4-isopropyl-1,6-dimethylnaphthalene
795	Caffeine	2224	58-08-2	Coffeine, Guanine, Methyltheobromine, No-doz, Theine, 1,3,7-Trimethyl-2,6-dioxopurine, 1,3,7-Trimethylxanthine
796	Caffeine (natural)	2224	58-08-2	
797	Cajeput oil (Melaleuca spp)		8008-97-8	
798	Calamus oil (Acorus calamus L.)		8015-79-0	Acorus calamus
799	Calcium acetate	2228	62-54-4	Acetate of lime
800	Calcium saccharin		6485-34-3	
801	Calcium stearate		1592-23-0	
802	Callitropsis nootkatensis oil		1069136-34-0	Cupressus nootkatensis, Nootka tree oil
803	Calone			Methylbenzodioxepinone
804	Calumba root and extract (Jateorhiza palmata (Lam.) Miers)		84929-29-3	
805	exo-2-Camphanyl beta-hydroxyethyl ether		7070-15-7	
806	Camphene	2229	79-92-5	2,2-Dimethyl-3-methylene bicyclo[2.2.1]heptan-2-one, 2,2-Dimethyl-3-methylenenorbornane, 3,3-Dimethyl-2-methylenenorcamphane
807	(d)-Camphene		06-03-5794	
808	Campholene acetate	3657	36789-59-0	1-Acetoxy-2-(2,2,3-trimethyl-3-cyclopentenyl)ethane, 2-(2,2,3-Trimethyl-3-cyclopentenyl)ethyl acetate
809	alpha-Campholenic alcohol	3741	1901-38-8	alpha-Campholenol, 2-(2,2,3-Trimethylcyclopent-3-en-1-yl)ethanol

Sl.No.	Material Name	FEMA	CAS	Synonyms
810	Campholenic aldehyde	3592	4501-58-0	(2,3,3-Trimethylcyclopent-3-en-1-yl-2)acetaldehyde
811	d-Camphor	2230	464-49-3	2-Bornanone, 2-Camphanone, Formosa camphor, Gum camphor, 2-Keto-1,7,7-trimethylnorcamphane, Laurel camphor, 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one
812	dl-Camphor	4513	76-22-2	(+/-)-1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one
813	d,l-Camphor		21368-68-3	
814	p-Camphorene		532-87-6	
815	Camphor oil, brown (Cinnamomum camphoral.)		8008-51-3	
816	Camphor oil, Japanese, white, (Cinnamomum camphora (L.) Nees et Eberm.)	2231	8008-51-3	Cinnamomum camphora L.
817	Camphor oil, yellow (Cinnamomum camphoral.)		8008-51-3	
818	Cananga oil (Cananga odorata Hook. f. and Thoms.)	2232	68606-83-7	
819	Candelilla wax (wax from stems and branches of Euphorbia cerifera)	3479	8006-44-8	
820	Canella, white (Canella alba Murr.)			Canella alba
821	Cangerana oil			
822	Cantaloupe distillate (Cucumis melo)		90063-94-8	
823	Cape chamomile (Eriocephalus punctularus)		94334-04-3	
824	Cape may oil (Caleonema album)			
825	Capers (Capparis spinosa L.)			
826	Cape snowbush oil (Eriocephalus africanus)			
827	Caprylic acid	2799	124-07-2	C-8 acid, Octanoic acid, Octoic acid, Octylic acid
828	Caprylic acid (natural)	2799	124-07-2	
829	Caprylic/capric triglycerides		65381-09-1	
830	Capsaicin	3404	404-86-4	N-(4-Hydroxy-3-methoxybenzyl)-8-methyl-6-nonenamide, Isodecenoic acid vanillylamide, trans-8-Methyl-N-vanillyl-6-nonenamide
831	Capsicum extract (Capsicum spp.)	2233	8023-77-6	Chile/red extract
832	Capsicum oleoresin (Capsicum spp.)	2234	8023-77-6	Chilles oleoresin
833	Caramel color	2235	8028-89-5	
834	Caraway (Carum carvi L.)	2236	85940-31-4	Carum carvi L.

Sl.No.	Material Name	FEMA	CAS	Synonyms
835	Caraway, black, oil (<i>Nigella sativa</i> L.)	2237		<i>Nigella sativa</i> L.
836	Caraway seed extract/oleoresin		8000-42-8	Caraway CO2 extract
837	Caraway seed oil (<i>Carum carvi</i> L.)	2238	8000-42-8	
838	Carboxymethylcellulose	2239	07-11-9000	CMC
839	Cardamom oil (<i>Elletaria cardamomum</i> (L.) Maton)	2240	85940-32-5	<i>Elletaria cardamomum</i> L.
840	Cardamom oleoresin/extract (<i>Elletaria cardamomum</i> (L.) Maton)		8000-66-6	
841	Cardamom seed oil (<i>Elletaria cardamomum</i> (L.) Maton)	2241	8000-66-6	
842	3-Carene	3821	13466-78-9	Car-3-ene, delta-3-Carene, Isodiprene, 3,7,7-Trimethylbicyclo[4.1.0]hept-3-ene, 4,7,7-Trimethyl-3-norcarene
843	Carmine (<i>Coccus cacti</i> L.)	2242	1390-65-4	
844	Carnation absolute		8021-43-0	
845	Carnation extract		89958-29-2	
846	Carob bean extract (<i>Ceratonia siliqua</i> L.)	2243	9000-40-2	Carob, <i>Ceratonia siliqua</i> L., St. John's
847	Carqueja oil		68916-07-4	
848	Carrot extract (<i>Daucus carota</i>)	2244	8015-88-1	
849	Carrot leaf absolute			
850	Carrot leaf concrete			
851	Carrot seed absolute/extract/oleoresin (<i>Daucus carota</i>)		8015-88-1	
852	Carrot seed oil (<i>Daucus carota</i> L.)	2244	8015-88-1	<i>Daucus carota</i> L.
853	Carrot seed oil terpeneless (<i>Daucus carota</i> L.)		8015-88-1	
854	Carrot seeds CO2 extract (<i>Daucus carota</i>)		8015-88-1	
855	Carvacrol	2245	499-57-2	p-Cymene-2-ol, Cymophenol, 2-Hydroxy-p-cymene, Isopropyl-o-cresol, Isothymol, 2-Methyl-5-isopropylphenol
856	Carvacryl acetate		6380-28-5	
857	Carvacryl methyl ether		6379-73-3	Methyl carvacrol, 4-iso-Propyl-2-methoxy-1-methylbenzene
858	Carveol	2247	99-48-9	p-Mentha-6,8-dien-2-ol, 1-Methyl-4-isopropenyl-6-cyclohexen-2-ol
859	l-Carveol		2102-59-2	

Sl.No.	Material Name	FEMA	CAS	Synonyms
860	4-Carvomenthenol	2248	562-74-3	1-p-Menthen-4-ol, 1-Methyl-4-isopropyl-1-cyclohexene-4-ol, Organol, 4-Terpinenol, Terpinenol-4
861	4-Carvomenthenol (natural)	2248	562-74-3	
862	Carvone	2249	99-49-0	Carvol, 6,8(9)-p-Menthadien-2-one, p-Mentha-6,8-dien-2-one, 1-Methyl-4-isopropenyl-6-cyclohexen-2-one
863	d-Carvone		2244-16-8	
864	d-Carvone (natural)		2244-16-8	
865	l-Carvone	2249	6485-40-1	
866	l-Carvone (natural)		6485-40-1	
867	Carvone (natural)	2249	99-49-0	
868	Carvone-5,6-oxide	4084		1,6-Epoxy-p-menth-8-en-2-one, 7-Oxabicyclo[4.1.0]heptan-2-one, 1-methyl-4-(1-methylethenyl)- (1S,4R,6S)-
869	cis-Carvone oxide		33204-74-9	1,6-Epoxy-p-Menth-8-en-2-one
870	Carvyl acetate	2250	97-42-7	p-Mentha-6,8-dien-2-yl acetate
871	l-Carvyl acetate		1205-42-1	
872	Carvyl acetate (natural)			
873	Carvyl 3-methylbutyrate			
874	Carvyl palmitate	4515	929222-96-8	Carvyl hexadecanoate
875	Carvyl propionate	2251	97-45-0	Carveol propionate, p-Mentha-6,8-dien-2-yl propionate
876	Caryolanol-1		4586-32-5	
877	Caryophyllene acetate nature identical		57082-24-3	
878	Caryophyllene alcohol	4410	56747-96-7	Decahydro-2,2,4,8-tetramethyl-4,8-methanoazulen-9-ol
879	Caryophyllene alcohol acetate		32214-91-8	Caryophyllene acetate, Vetyvenal
880	beta-Caryophyllene alcohol		472-97-9	Caryophyllenol, 4,4,8-Trimethyl-(1alpha,2alpha,5alpha,8alpha)tricyclo(6.3.1.0(2.5))-dodecan-1-ol
881	Caryophyllene alcohol nature identical		4586-22-5	Caryolan-1-ol
882	beta-Caryophyllene	2252	87-44-5	2-Methylene-6,10,10-trimethylbicyclo[7.2.0]undec-5-ene
883	beta-Caryophyllene (natural)	2252	87-44-5	

Sl.No.	Material Name	FEMA	CAS	Synonyms
884	Caryophyllene oxide		1139-30-6	7,15-Epoxy-3-caryophyllene, 4,12,12- Trimethyl-9-methylene-5-oxatricyclo[8.2.0.0(4,6)]dodecane
885	beta-Caryophyllene oxide	4085		Caryophyllene epoxide, 5-Oxatricyclo[8.2.0.0(4,6)]dodecane, 4,12,12- trimethyl-9-methylene-, (1R,4R,6R,10S)-
886	Cascara (Rhamnus purshiana DC.) extract (bitterless)	2253	05-06-8007	
887	Cascarilla bark extract (Croton spp.)	2254	05-06-8007	
888	Cascarilla bark oil (Croton spp.)	2255	05-06-8007	
889	Cassia (Cinnamomum cassia Blume)	2256	84961-46-6	Cinnamomum cassia Blume
890	Cassia bark extract (Cinnamomum cassia Blume)	2257	84961-46-6	Cinnamon CO2 extract
891	Cassia bark oil	2258	8007-80-5	Cassia oil, Cinnamomum cassia Blume
892	Cassia buds (Cinnamomum cassia Blume)	2259	84961-46-6	Cassia flowers, Cinnamon flowers
893	Cassia concrete (Cinnamomum cassia Blume)			
894	Cassia oil			
895	Cassia oleoresin (Cinnamomum casia Blume)		84961-46-6	Cinnamomum cassia Blume oleoresin
896	Cassia padang or batavia (Cinnamomum burmanni Blume)			
897	Cassia, Saigon (Cinnamomum loureirii Nees)			
898	Cassie, absolute (Acacia farnesiana (L.) Willd.)	2260	80023-82-3	Acacia farnesiana L.
899	Castoreum absolute (Castor spp.)		8023-83-4	
900	Castoreum extract/resinoid (Castor spp.)	2261	8023-83-4	
901	Castoreum liquid (Castor spp.)	2262	8023-83-4	
902	Castor oil (Ricinus communis L.)	2263	8001-79-4 oil	Palma christi oil, Ricinus oil, Tangan tangan
903	Catechu extract (Acacia catechu Willd.)	2264	8001-76-1	Acacia catechu Willd., Black cutch extract, Cachou extract, Cashoo extract, Pegu catechu extract
904	Catechu powder (Acacia catechu Willd.)	2265	8001-76-1	Gambir catechu, Gambir, gum, Pale catechu, Terra japonica
905	Catnip oil		8023-84-5	
906	Cayenne (Capsicum annum L. var. longum Sendt)	2266	8023-77-6	
907	Cedanol		7070-15-7	
908	Cedar leaf oil (Thuja occidentalis L.)	2267	8007-20-3	Thuja occidentalis L.
909	Cedar leaf oil, terpeneless (Thuja ssp)		68952-71-6	

Sl.No.	Material Name	FEMA	CAS	Synonyms
910	Cedar leaf oil, western red (Thuja plicata Donn ex. D. Don)		68917-35-1	
911	Cedarmoss extract		68648-41-9	
912	Cedarwood oil			
913	Cedarwood oil acetylated		61789-42-2	
914	Cedarwood oil alcohols		77-53-2	
915	Cedarwood oil, Atlas (Cedrus atlantica)		8023-85-6	
916	Cedarwood oil Chinese (Cupressus funebris Endlicher)		124046-17-9	
917	Cedarwood oil, Himalayan (Cedrus deodara D. Don, G. Don)		8000-27-9	
918	Cedarwood oil, oxidized		68916-71-2	
919	Cedarwood oil terpenes		68608-32-2	
920	Cedarwood oil, Texas (Juniperus mexicana Schiede)		68990-83-0	
921	Cedarwood oil, Virginiana (Juniperus virginiana L.)		8000-27-9	
922	Cedarwood, propionated			
923	Cedrela odorate wood oil (Cedrela odorata, Meliaceae)		68196-69-8	
924	2-Cedrene		546-28-1	
925	alpha-Cedrene		469-61-4	
926	alpha-Cedrene epoxide		13567-39-0	Octahydro-3,6,6,7a-tetramethyl[2H]-2a,7-methanoazuleno[5,6-b]oxirene
927	Cedrenol		28231-03-0	
928	2-Cedren-15-ol			
929	Cedrenone		30960-39-5	
930	Cedrenyl acetate		1405-92-1	
931	Cedrenyl formate		39900-38-4	Cedrol formate, Cedryl formate, [3R-(3a,3ab,6a,7b,8aa)]-Octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-6-yl formate
932	(+)-Cedrol	4503	77-53-2	alpha-Cedrol, 1H-3a,7-Methanoazulen-6-ol, octahydro-3,6,8,8-tetramethyl-(3R,3as,6R,7R,8as)-8-beta-H-Cedran-8-ol
933	Cedrol methyl ether		19870-74-7	Cedramber

Sl.No.	Material Name	FEMA	CAS	Synonyms
934	(+)-Cedrol (natural)	4503	77-53-2	
935	Cedryl acetate		77-54-3	(3r-(3alpha,3abeta,6alpha,7beta,8alpha))-octahydro-3,6,8,8-tetramethyl-1h-3a,7-
936	Celery distillate (Apium graveolens)		8997-35-3	
937	Celery leaf oil (Apium graveolens L.)		73049-53-3	
938	Celery seed (Apium graveolens L.)	2268	8015-90-5	Apium graveolens L.
939	Celery seed extract (Apium graveolens L.)	2270	89997-35-3	
940	Celery seed extract solid (Apium graveolens L.)	2269	89997-35-3	
941	Celery seed oil (Apium graveolens L.)	2271	8015-90-5	
942	Celery seed oleoresin			
943	Centaury (Centaurium umbellatum Gilib.)			Bitter herb, Bloodwort, Centaurea centaurium, Centaury minor herb
944	Cetyl acetate		629-70-9	Hexadecyl acetate, Palmityl acetate
945	Chai spice extract			
946	Chalcone		94-41-7	Benzalacetophenone
947	Chamomile, English or Roman (Anthemis nobilis L.)		8015-92-7	Camomile, English or Roman
948	Chamomile flower concrete/absolute		8002-66-2	
949	Chamomile flower oil, English (Anthemis nobilis L.)	2272	8015-92-7	Anthemis noblis L.
950	Chamomile flower oil (Hungarian) (Matricaria chamomilla L.)	2273	8022-66-2	Chamomile blue oil, Matricaria chamomilla L.
951	Chamomile flower oil (Roman) (Anthemis nobilis L.)	2275	8015-92-7	
952	Chamomile flower extract (Roman) (Anthemis nobilis L.)	2274	8015-92-7	
953	Chamomile flower, Roman, water (Anthemis nobilis L.)		84649-86-5	
954	Chamomile oil, German			
955	Chamomile oil, Morrocco (Ormenis multicaulis)		68916-68-7	
956	Chamomile oil, wild (Ormenis multicaulis)		68916-68-7	
957	Champaca absolute (Michelia champaca)			
958	Champaca concrete (Michelia champaca)			

Sl.No.	Material Name	FEMA	CAS	Synonyms
959	Chenopodium oil		01-11-8024	Wormseed oil
960	Cherry bark extract (wild) (Prunus serotina Ehrh.)	2276	84604-07-9	
961	Cherry distillate (Prunus spp.)			
962	Cherry essence (Prunus spp.)			
963	Cherry extract (Prunus spp.)			
964	Cherry juice (Prunus spp.)			Cherry juice concentrate
965	Cherry laurel leaves (Prunus laurocerasus L.)			
966	Cherry laurel oil (Prunus laurocerasus L.) (ffpa)	2277	8000-44-0	
967	Cherry laurel water (Prunus laurocerasus L.)			
968	Cherry pits extract (Prunus spp.)	2278	8997-54-6	
969	Chervil (Anthriscus cerefolium (L.) Hoffm.)	2279	1338-80-3	Anthriscus cerefolium L. Hoffm.
970	Chervil extract (Anthriscus cerefolium (L.) Hoffm.)		85083-20-7	
971	Chestnut leaves (Castanea dentata (Marsh.) Borkh.)			Castanea dentata
972	Chestnut leaves extract (Castanea dentata (Marsh.) Borkh.)			
973	Chia seed extract			
974	Chicory extract (Cichorium intybus L.)	2280	68650-43-1	Cichorium intybus L.
975	Chili total CO2 extract		8023-77-6	
976	Chirata (Swertia chirata Buch.-Ham.)			
977	Chirata extract (Swertia chirata Buch.-Ham.)			
978	Chives extract (Allium schoenoprasum L.)		89997-59-1	
979	p-Chloracetophenone		99-91-2	
980	Chloroform		67-66-3	Trichloromethane
981	Chocolate extract			
982	Choke berry distillate			
983	Choline chloride	4500	67-48-1	(2-Hydroxyethyl)trimethylammonium chloride, (beta-Hydroxyethyl)trimethylammonium chloride
984	Chrysanthemum parthenium extract	4837		Common pellitory extract, Feverfew extract, Motherwort extract, Tanacetum parthenium extract

Sl.No.	Material Name	FEMA	CAS	Synonyms
985	Cinchona bark extract (red) (Cinchona succirubra Pav. or its hybrids)	2282	68990-12-5	
986	Cinchona bark extract (yellow) (Cinchona spp.)	2284	68990-12-5	
987	Cinchona bark (red) (Cinchona succirubra Pav. or its hybrids)	2281	968990-12-5	
988	Cinchona bark (yellow) (Cinchona spp.)	2283	89997-71-7	
989	Cinchona extract (Cinchona spp.)	2285	89997-71-7	Quinine extract
990	1,4-Cineole	3658	470-67-7	1,4-Epoxy-p-menthane
991	1,4-Cineole (natural)	3658	470-67-7	
992	Cinnamaldehyde ethylene glycol acetal	2287	5660-60-6	Cinnamic aldehyde ethylene glycol acetal, Cinncloval, 2-Styryl-1,3-dioxolane, 2-Styryl-m-dioxolane
993	Cinnamaldehyde ethylene glycol acetal (natural)	2287	5660-60-6	
994	Cinnamaldehyde propyleneglycol acetal	4596	09-01-4353	4-Methyl-2-(2-phenylethenyl)-1,3-dioxolane, 4-Methyl-2-styryl-1,3-dioxolane
995	Cinnamic acid	2288	621-82-9	Benzenepropenoic acid, Benzylideneacetic acid, Cinnamylic acid, 3-Phenylacrylic acid, beta-Phenylacrylic acid, 3-Phenylpropenoic acid
996	Cinnamic acid (natural)	2288	621-82-9	
997	Cinnamic alcohol	2294	104-54-1	Cinnamyl alcohol, gamma-Phenylallyl alcohol, 3-Phenyl-2-propen-1-ol, Styryl carbinol, Zimtalcohol
998	Cinnamic alcohol (natural)	2294	104-54-1	
999	Cinnamic aldehyde	2286	104-55-2	Cinnamal, Cinnamaldehyde, beta-Phenylacrolein, Phenylacrolein, 3-Phenyl-2-propen-1-ol, 3-Phenylpropenal
1000	Cinnamic aldehyde butylene glycol acetal		5420-98-4	
1001	Cinnamic aldehyde dimethyl acetal		01-06-4364	
1002	Cinnamic aldehyde (natural)	2286	104-55-2	
1003	Cinnamon (Cinnamomum spp.)	2289	84961-46-6	Ceylon cinnamon, Chinese cinnamon, Saigon cinnamon
1004	Cinnamon bark extract (Cinnamomum spp.)	2290	84961-46-6	
1005	Cinnamon bark oil (Cinnamomum spp.)	2291	8015-91-6	Cinnamomum zeylanicum Blume
1006	Cinnamon extract			
1007	Cinnamon leaf oil (Cinnamomum spp.)	2292	8007-80-5	Cinnamon leaf oil (Ceylon), Cinnamon leaf oil (Chinese), Cinnamon leaf oil (Saigon)
1008	Cinnamyl acetate	2293	103-54-8	3-Phenylallyl acetate, 3-Phenyl-2-propen-1-yl acetate

Sl.No.	Material Name	FEMA	CAS	Synonyms
1009	Cinnamyl anthranilate	2295	87-29-6	Cinnamyl 2-aminobenzoate, Cinnamyl o-aminobenzoate, 3-Phenyl-2-propenyl 2-aminobenzoate, 3-Phenyl-2-propenyl anthranilate
1010	Cinnamyl benzoate	4703	5320-75-2	3-Phenyl-2-propenyl benzoate, 3-Phenyl-2-propen-1-yl benzoate
1011	Cinnamyl butyrate	2296	103-61-7	3-Phenylallyl butyrate, 3-Phenyl-2-propen-1-yl butanoate
1012	Cinnamyl butyrate (natural)	2296		
1013	Cinnamyl caproate		6994-20-3	
1014	Cinnamyl cinnamate	2298	122-69-0	Cinnamyl beta-phenylacrylate, 3-Phenylallyl cinnamate, Phenylallyl cinnamate, 3-Phenyl-2-propen-1-yl 3-phenylpropenoate
1015	Cinnamyl cinnamate (natural)	2298	122-69-0	
1016	Cinnamyl formate	2299	104-65-4	Cinnamyl methanoate, 3-Phenylallyl formate, 3-Phenyl-2-propen-1-yl formate
1017	Cinnamyl formate (natural)	2299	104-65-4	
1018	Cinnamyl isobutyrate	2297	103-59-3	Cinnamyl 2-methylpropanoate, 3-Phenyl-2-propen-1-yl isobutyrate, 3-Phenyl-2-propen-1-yl 2-methylpropanoate
1019	Cinnamyl isobutyrate (natural)	2297		
1020	Cinnamyl isovalerate	2302	140-27-2	Cinnamyl isovalerianate, Cinnamyl 3-methylbutanoate, 3-Phenylallyl isovalerate, 3-Phenylallyl 3-methylbutanoate, 3-Phenyl-2-propen-1-yl 3-methylbutanoate
1021	Cinnamyl isovalerate (natural)	2302		
1022	Cinnamyl nitrile		4360-47-8	Cinnamonitrile
1023	Cinnamyl phenylacetate	2300	7492-65-1	Cinnamyl alpha-toluate, 3-Phenylallyl phenylacetate, 3-Phenyl-2-propen-1-yl phenylacetate
1024	Cinnamyl propionate	2301	103-56-0	3-Phenylallyl propionate, gamma-Phenylallyl propionate, 3-Phenyl-2-propenyl propanoate, 3-Phenyl-2-propen-1-yl propionate
1025	Cinnamyl propionate (natural)	2301		
1026	Cinnamyl tiglate		61792-12-9	Cinnamyl 2-methyl-2-butenolate
1027	cis-6-Dodecen-4-olide	3780	18679-18-0	
1028	cis-9-Octadecenyl acetate	4359	693-80-1	Acetic acid oleyl ester, cis-9-Octadecen-yl acetate, (Z)-9-Octadecenyl acetate, Oleyl acetate
1029	cis-5-Dodecenyl acetate	4841		cis-Dodec-5-en-1-yl acetate, (Z)-5-Dodecen-1-ol acetate
1030	Cistus absolute (Cistus ladaniferus L.)		8016-26-0	

Sl.No.	Material Name	FEMA	CAS	Synonyms
1031	Cistus concrete/absolute (Cistus ladaniferus L.)		8016-26-0	
1032	Cistus oil (Cistus ladaniferus L.)		8016-26-0	Labdanum oil
1033	Citral	2303	5392-40-5	Citral PQ Extra, 3,7-Dimethyl-2,6-octadienal, cis- and trans-3,7-Dimethyl-2,6-octadienal, Geranial, Neral and geranial
1034	Citral diethyl acetal	2304	7492-66-2	1,1-Diethoxy-3,7-dimethyl-2,6-octadiene, 3,7-Dimethyl-2,6-octadienal diethyl acetal
1035	Citral diisotridecyl acetal		93843-13-1	
1036	Citral dimethyl acetal	2305	7594-37-3	1,1-Dimethoxy-3,7-dimethyl-2,6-octadiene, 3,7-Dimethyl-2,6-octadienal dimethyl acetal
1037	Citral ethylene glycol acetal		66408-78-4	
1038	Citral glyceryl acetal	4486	5694-82-6	2-(2,6-Dimethyl-1,5-heptadien-1-yl)-1,3-dioxolane-4-methanol
1039	Citral propylene glycol acetal		10444-50-5	
1040	Citric acid	2306	77-92-9	2-Hydroxy-1,2,3-propanetricarboxylic acid, beta-Hydroxytricarballic acid
1041	Citric acid (natural)	2306	77-92-9	
1042	Citric and fatty acid esters of glycerol	4307	97593-31-2	Citric acid esters of mono- and di-glycerides, Citroglycerides
1043	Citronellal	2307	106-23-0	3,7-Dimethyl-6-octenal, Rhodinal
1044	Citronellal (natural)	2307	106-23-0	
1045	Citronellal diisotridecyl acetal		67923-82-4	
1046	l-Citronellal		03-05-5949	
1047	Citronella oil (Cymbopogon nardus Rendle)	2308	8000-29-1	Cymbopogon nardus (L.) W. Wats., Cymbopogon nardus Rendle
1048	Citronella oil, Java (Cymbopogon winterlanus Jowitt)		91771-61-8	
1049	Citronellol		106-22-9	6-Octen-1-ol, 3,7-dimethyl-
1050	dl-Citronellol (natural)	2309	106-22-9	Citronellol
1051	dl-Citronellol	2309	106-22-9	Citronellol, 3,7-Dimethyl-6-octen-1-ol
1052	Citronellyl acetate	2311	150-84-5	Citronellyl acetate, Citronellyl ethanoate, 3,7-Dimethyl-6-octen-1-yl acetate, 3,7-Dimethyl-6-octen-1-yl ethanoate
1053	Citronellyl acetate (natural)	2311	150-84-5	
1054	Citronellyl anthranilate	4086	68555-57-7	6-Octen-1-ol, 3,7-dimethyl-, 2-aminobenzoate
1055	Citronellyl benzoate		10482-77-6	

Sl.No.	Material Name	FEMA	CAS	Synonyms
1056	Citronellyl butyrate	2312	141-16-2	Citronellyl butanoate, 3,7-Dimethyl-6-octen-1-yl butyrate
1057	Citronellyl butyrate (natural)	2312	141-16-2	
1058	Citronellyl caproate		10580-25-3	Citronellyl hexanoate
1059	Citronellyl crotonate		68039-38-3	
1060	Citronellyl decanoate			
1061	Citronellyl dodecanoate			
1062	Citronellyl ethyl ether		69929-16-4	8-Ethoxy-2,6-dimethyloctene-2
1063	Citronellyl ethyl oxalate		60788-25-2	
1064	Citronellyl formate	2314	105-85-1	Citronellyl methanoate, 3,7-Dimethyl-6-octen-1-yl formate, 3,7-Dimethyl-6-octen-1-yl methanoate
1065	Citronellyl isobutyrate	2313	97-89-2	Citronellyl 2-methylpropanoate, 3,7-Dimethyl-6-octen-1-yl isobutyrate, 3,7-Dimethyl-6-octen-1-yl 2-methylpropanoate
1066	Citronellyl isobutyrate (natural)			
1067	Citronellyl isovalerate		68922-10-1	Citronellyl 3-methylbutyrate
1068	Citronellyl trans-2-methyl-2-butenolate	4295	24717-85-9	Citronellyl tiglate, Citronellyl tiglinat, 3,7-Dimethyl-6-octenyl trans-2-methyl-2-butenolate, 3,7-Dimethyl-6-octenyl 2-methylcrotonate
1069	Citronellyl 3-methylbut-2-enoate		20770-40-5	Citronellyl senecioate
1070	Citronellyl 2-methylbutyrate		85409-36-5	
1071	l-Citronellyl nitrile		51566-62-2	Agrunitril, Citronellic acid nitrile, Citronellyl nitrile, 3,7-Dimethyloct-6-enyl nitrile, Vervonitrile (PCAS)
1072	Citronellyloxyacetaldehyde	2310	7492-67-3	6,10-Dimethyl-3-oxa-9-undecenal
1073	Citronellyl phenylacetate	2315	139-70-8	Citronellyl alpha-toluate, 3,7-Dimethyl-6-octen-1-yl phenylacetate
1074	Citronellyl propionate	2316	141-14-0	Citronellyl propanoate, 3,7-Dimethyl-6-octen-1-yl propanoate, 3,7-Dimethyl-6-octen-1-yl propionate
1075	Citronellyl propionate (natural)	2316	141-14-0	
1076	Citronellyl valerate	2317	7540-53-6	Citronellyl pentanoate, Citronellyl valerianate, 3,7-Dimethyl-6-octen-1-yl pentanoate, 3,7-Dimethyl-6-octen-1-yl valerate
1077	Citrus peels extract (Citrus spp.)	2318	94266-47-4	
1078	Citrus terpenes			

Sl.No.	Material Name	FEMA	CAS	Synonyms
1079	Citryl nitrile		93893-89-1	
1080	Civet absolute (<i>Viverra civetta</i> Schreber, <i>V. zibetha</i> Schreber)	2319	68916-26-7	Civet cats, Viverra
1081	Civet, artificial			
1082	Claritone		74338-72-0	
1083	Clary sage (<i>Salvia sclarea</i> L.)	2320	8016-63-5	Sage clary oil, <i>Salvia sclarea</i> L.
1084	Clary sage absolute (<i>Salvia sclarea</i> L.)		8016-63-5	
1085	Clary sage concrete (<i>Salvia sclarea</i> L.)		8016-63-5	
1086	Clary sage oil (<i>Salvia sclarea</i> L.)	2321	8016-63-5	Clary sage oil
1087	Clary sage resin (<i>Salvia sclarea</i> L.)			
1088	Clementine oil		84929-38-4	
1089	Clementine oil (<i>Citrus clementina</i> hort. ex Tanaka)	4855		<i>Citrus clementina</i> hort. ex Tanaka oil
1090	Climbazole		38083-17-9	Crinipan AD
1091	Clove bud absolute (<i>Eugenia</i> spp.)		800-34-8	
1092	Clove bud extract (<i>Eugenia</i> spp.)	2322	84961-50-2	<i>Eugenia</i> extract
1093	Clove bud oil (<i>Eugenia</i> spp.)	2323	8000-34-8	Clove resinoid washed
1094	Clove bud oleoresin (<i>Eugenia</i> spp.)	2324	84961-50-2	
1095	Clove leaf oil (<i>Eugenia</i> spp.)	2325	8000-34-8	Clove stem oil
1096	Clover herb distillate	4727		<i>Melilotus officinalis</i> distillate, Sweet clover distillate, Yellow sweet clover distillate
1097	Clover tops red extract solid (<i>Trifolium pratense</i> L.)	2326	85085-25-2	<i>Trifolium</i> extract (solid)
1098	Cloves (<i>Eugenia</i> spp.)	2327	84961-50-2	
1099	Clove stem oil (<i>Eugenia</i> spp.)	2328	8000-34-8	
1100	Clove terpenes		68917-29-3	
1101	Coca leaf extract (decocainized) (<i>Erythroxylon coca</i> Lam.)	2329	84775-48-4	
1102	Cochineal (<i>Coccus cacti</i> L.)	2330	1390-65-4	<i>Coccus cacti</i> L.
1103	Cocoa butter (<i>Theobroma cacao</i>)			
1104	Cocoa butter distillate			

Sl.No.	Material Name	FEMA	CAS	Synonyms
1105	Cocoa distillate			
1106	Cocoa (dutch) distillate			
1107	Cocoa extract		84649-99-0	Cocoa CO2 extract
1108	Cocoa extract (natural)		84649-99-0	
1109	Cocoa liquor distillate			
1110	Cocoa nib distillate			
1111	Cocoa nib extract			
1112	Coconut oil (Coccoloba nucifera L.)		8001-31-8	
1113	Cocoa oleoresin			
1114	Coconut distillate			
1115	Coconut oil		8001-31-8	
1116	Coco plum (Chrysobalanus icaco L.)			Chrysobalanus icaco
1117	Coffee (blend) extract			
1118	Coffee (espresso roast) distillate			
1119	Coffee (espresso roast) extract			
1120	Coffee extract (Coffea spp.)		84650-00-0	
1121	Coffee (French roast) extract			
1122	Coffee (medium roast) distillate			
1123	Coffee (medium roast) extract			
1124	Coffee oil, expressed		8001-67-0	
1125	Cognac oil, green	2331	8016-21-5	
1126	Cognac oil, white	2332	8016-21-5	
1127	Cola nut extract			
1128	Concord grape concentrate			
1129	Coolact WS-3		39711-79-0	
1130	Copahu extract			

Sl.No.	Material Name	FEMA	CAS	Synonyms
1131	Copaiba extract (resinoid) (South American spp. of <i>Copaifera</i>)		8013-97-6	Balsam copaiba
1132	Copaiba oil (South American spp. of <i>Copaifera</i>)		8001-61-4	Balsam copaiba oil
1133	Coranol		83926-73-2	4-Cyclohexyl-2-methyl-2-butenol, 2,2-Dimethyl cyclohexane propanol, alpha, alpha-Dimethyl cyclohexane propanol
1134	<i>Cordyceps sinensis</i> fermentation product	4878		
1135	Coriander (<i>Coriandrum sativum</i> L.)	2333	84775-50-8	
1136	Coriander absolute (<i>Coriandrum sativum</i> L.)		8008-52-4	
1137	Coriander extract (<i>Coriandrum sativum</i> L.)		84775-50-8	Coriander CO2 extract
1138	Coriander leaf oil (<i>Coriandrum sativum</i>)			
1139	Coriander leaf oleoresin (<i>Coriandrum sativum</i> L.)		8008-52-4	alpha, alpha-Dimethylanisalacetone, Methoxystyryl isopropyl ketone
1140	Coriander oil (<i>Coriandrum sativum</i> L.)	2334	8008-52-4	
1141	Coriander oleoresin/extract (<i>Coriandrum sativum</i> L.)		84775-50-8	
1142	Cork, oak (<i>Quercus</i> spp.)			<i>Quercus</i> spp.
1143	Cornflower (<i>Centaurea cyanus</i> L.)			<i>Centaurea cyanus</i>
1144	Cornflower distillate			
1145	Cornflower water (<i>Centaurea cyanus</i> L.)		84012-18-0	
1146	Corn silk (<i>Zea mays</i> L.)	2335		<i>Zea mays</i> L.
1147	Corn silk extract (<i>Zea mays</i> L.)			
1148	Corn silk oil (<i>Zea mays</i> L.)			
1149	Corrosol (<i>Annona muricata</i> L.)			<i>Annona muricata</i>
1150	Costmary (<i>Chrysanthemum balsamita</i> L.)			Alecost, Bible leaf, <i>Chrysanthemum balsamita</i> L., Sweet Mary
1151	Costus root oil (<i>Saussurea lappa</i> Clarke)	2336	8023-88-9	<i>Auklandra costus</i> , <i>Saussurea lappa</i> Clarke, Spiral flag oil
1152	Cotinus oil (<i>Cotinus coggyria</i>)		89997-96-6	Smoke tree oil
1153	Coumarin		91-64-5	1,2-Benzopyrone
1154	Cowrie (<i>Dammara australis</i>)			<i>Dammara australis</i>
1155	Cranberry concentrate			

Sl.No.	Material Name	FEMA	CAS	Synonyms
1156	Cranberry distillate			
1157	Cranberry extract			
1158	Cranberry Juice			
1159	Creast Indian Chiretta (<i>Andrographis paniculata</i> nees)			<i>Andrographis paniculata</i>
1160	m-Cresol	3530	108-39-4	m-Cresylic 1-Hydroxy-3-methylbenzene, acid, 3-Hydroxytoluene, 1-Methyl-3-hydroxybenzene, 3-Methylphenol, m-Methylphenol
1161	o-Cresol	3480	95-48-7	o-Cresylic 1-Hydroxy-2-methylbenzene, acid, 2-Hydroxy-1-methylbenzene, o-Hydroxytoluene, o-Methylphenol
1162	p-Cresol	2337	106-44-5	4-Cresol, p-Cresylic acid, 1-Hydroxy-4-methylbenzene, p-Hydroxytoluene, 1-Methyl-4-hydroxybenzene, p-Methylphenol
1163	m-Cresyl acetate		122-46-3	
1164	p-Cresyl benzoate		614-34-6	p-Tolyl benzoate
1165	p-Cresyl n-butyrate		14617-92-6	
1166	p-Cresyl crotonate		41873-47-9	
1167	m-Cresyl ethyl ether		621-32-9	
1168	p-Cresyl isobutyrate	3075	103-93-5	p-Methylphenyl isobutyrate, p-Methylphenyl 2-methylpropanoate, p-Tolyl isobutyrate, p-Tolyl 2-methylpropanoate
1169	p-Cresyl isovalerate	3387	55066-56-3	p-Cresyl 3-methylbutanoate, p-Methylphenyl 3-methylbutyrate, p-Tolyl isovalerate, p-Tolyl 3-methylbutyrate
1170	4-Cresyl propionate		7495-84-3	
1171	p-Cresyl salicylate		607-88-5	p-Tolyl salicylate
1172	Crotonyl acetate		39310-78-6	
1173	Crotonyl heptanoate			
1174	Cubeb oil (<i>Piper cubeba</i> L. f.)	2339	8007-87-2	
1175	Cubebol	4497	23445-20-5	Cubeb camphor, (3S,3aR,3bR,4S,7R,7aR)-3,7-Dimethyl-4-(propan-2-yl)octahydro-1Hcyclopenta[1,3]cyclopropano[1,2]benzen-3-ol
1176	Cubebs (<i>Piper cubeba</i> L. f.)	2338	8007-87-2	<i>Piper cubeba</i> L.
1177	Cucumber distillate		89998-10-6	

Sl.No.	Material Name	FEMA	CAS	Synonyms
1178	Cucumber extract		89998-10-6	
1179	Cucumber juice			
1180	Cumin absolute		8014-13-9	
1181	Cuminaldehyde	2341	122-03-2	Cumaldehyde, Cuminal, Cuminic aldehyde, p-Isopropylbenzaldehyde, 4-Isopropylbenzenecarboxaldehyde
1182	Cuminaldehyde (natural)		122-03-2	
1183	Cumin, black (<i>Nigella sativa</i> L.)	2342	90064-32-7	
1184	Cuminic aldehyde dimethyl acetal		67785-72-2	
1185	Cumin oil (<i>Cuminum cyminum</i> L.)	2340	8014-13-9	
1186	Cumin extract/oleoresin		8014-13-9	
1187	Cumin seed oil (<i>Cuminum cyminum</i> L.)	2343	8014-13-9	
1188	Cuminylnitrile		13816-33-6	4-Isopropylbenonitrile
1189	Curacao peel extract (<i>Citrus aurantium</i> L.)	2344	94266-47-4	
1190	Curacao peel oil (<i>Citrus aurantium</i> L.)	2345	994266-47-4	Citrus aurantium L. peel oil
1191	Curcuma oil (<i>Curcuma longa</i>)		8024-37-1	
1192	Currant leaves, black (<i>Ribes nigrum</i> L.)		68606-81-5	<i>Ribes nigrum</i> L.
1193	Curry leaf oil			
1194	Cyclamen alcohol		4756-19-8	(3-(4-Isopropylphenyl)-2-methylpropanol
1195	Cyclamen aldehyde	2743	103-95-7	Cyclamal, Cyclaviol, Cyclosal, alpha-Methyl-p-isopropylhydrocinnamaldehyde, 2-Methyl-3-(p-isopropylphenyl)propionaldehyde, alpha-Methyl-p-isopropylphenylpropylaldehyde
1196	Cyclamen aldehyde diethyl acetal		7149-24-8	
1197	Cyclamen aldehyde dimethyl acetal			
1198	Cyclamen aldehyde ethylene glycol acetal			
1199	Cyclamen aldehyde propylene glycol acetal			
1200	Cyclodecyl acetate		7386-24-5	
1201	Cyclodecyl alcohol		1502-05-2	
1202	Cyclodecyl butyrate			

Sl.No.	Material Name	FEMA	CAS	Synonyms
1203	Cyclodecyl n-butyrate			
1204	Cyclodecyl isobutyrate			
1205	Cyclodecyl propionate			
1206	Cyclodextrin	4028	12619-70-4	
1207	Cyclododecene		1501-82-2	
1208	Cyclododeceneoxide		286-99-7	
1209	Cyclododecyl acetate		6221-92-7	
1210	Cyclododecyl formate		59052-82-3	
1211	2-(Cyclododecyl)-propan-1-ol		118562-73-5	Hydroxyambran
1212	Cyclododecyl propionate			
1213	Cyclogeranyl acetate		54993-30-5	
1214	Cycloheptadeca-9-en-1-one nature identical	3425	542-46-1	cis-9-Cycloheptandecen-1-one
1215	5-Cyclohexadecen-1-one		37069-25-9	Limonene aldehyde
1216	8-Cyclohexadecenone		3100-36-5	Globanone
1217	Cyclohexaneacetic acid	2347	5292-21-7	Cyclohexylacetic acid, Hexahydrophenylacetic acid
1218	Cyclohexanecarboxylic acid	3531	98-89-5	
1219	Cyclohexanethiol		1569-69-3	Cyclohexyl mercaptan
1220	Cyclohexanol		108-93-0	Hexahydrophenol, Hexalin
1221	Cyclohexanone	3909	108-94-1	Anon, Cyclohexyl ketone
1222	Cyclohexanone diethyl ketal	4516	1670-47-9	1,1-Diethoxycyclohexane
1223	3-Cyclohexene-1-carbonitrile, 4-(4-methyl-3-pentenyl)-		21690-43-7	
1224	1-(Cyclohex-1-en)-2-propyl acetate			
1225	2-Cyclohexenone	4517	930-68-7	2-Cyclohexen-1-one
1226	Cyclohexyl acetate	2349	622-45-7	Cyclohexane acetate
1227	Cyclohexyl anthranilate	2350	7779-16-0	Cyclohexyl 2-aminobenzoate
1228	Cyclohexyl butyrate	2351	1551-44-6	
1229	Cyclohexyl cinnamate	2352	7779-17-1	Cyclohexyl beta-phenylacrylate, Cyclohexyl 3-phenylpropenoate

Sl.No.	Material Name	FEMA	CAS	Synonyms
1230	Cyclohexyl crotonate		31416-78-1	
1231	2-Cyclohexyl cyclohexanone		90-42-6	
1232	Cyclohexyl cyclopentenylacetate		65045-69-8	
1233	2-Cyclohexylethyl acetate		21722-83-8	
1234	Cyclohexylethyl acetate	2348	21722-83-8	Hexahydrophenethyl acetate
1235	Cyclohexylethyl alcohol		4442-79-9	
1236	Cyclohexylethyl isovalerate			
1237	Cyclohexyl formate	2353	4351-54-6	
1238	2-Cyclohexyl-1,6-heptadien-3-one		313973-37-4	
1239	Cyclohexyl hexanoate		03-10-6243	Cyclohexanyl caproate
1240	2-Cyclohexyliden-2-phenylacetonitrile		10461-98-0	Benzeneacetonitrile, alpha-cyclohexylidene-, .delta.1, alpha.- Cyclohexaneacetonitrile, alpha.-phenyl-, alpha-Cyclohexylidene benzeneacetonitrile
1241	Cyclohexyl isobutyrate		1129-47-1	
1242	Cyclohexyl isovalerate	2355	7774-44-9	Cyclohexyl isopentanoate, Cyclohexyl 3-methylbutanoate
1243	Cyclohexyl methyl carbinol crotonate		68039-69-0	Datilat (nature identical)
1244	4-Cyclohexyl-4-methyl-2-pentanone		4927-93-3	Vetival
1245	Cyclohexylmethylpyrazine	3631	28217-92-7	2-(Cyclohexylmethyl)pyrazine, 2-Pyrazinylcyclohexylmethane, (2-Pyrazinylmethyl)cyclohexane
1246	Cyclohexyl phenylacetate		42288-75-5	
1247	2-Cyclohexylpropan-1-ol		5442-00-2	Cyclohexaneethanol, beta-methyl-
1248	2-Cyclohexyl propionaldehyde		2109-22-0	
1249	Cyclohexyl propionate	2354	6222-35-1	
1250	Cyclohexyl salicylate		25485-88-5	
1251	Cyclohexyl n-valerate		1551-43-5	
1252	Cycloionone	3822	5552-30-7	6,6,7,8α-Tetrahydro-2,5,5,8α-tetramethyl-5H-1-benzopyran
1253	Cyclomugual		68991-97-9	1,2,3,4,5,6,7,8-Octahydro-8,8-dimethyl-2-naphthaldehyde

Sl.No.	Material Name	FEMA	CAS	Synonyms
1254	4-Cycloocten-1-carboxaldehyd (10%ig in DPG)		19835-69-9	Terrestrial
1255	4-Cyclooctenyl acetate		93981-85-2	
1256	4-Cyclooctenyl isobutyrate			
1257	4-Cycloocten-1-yl methyl ester 4-carbonic ac		87731-18-8	
1258	Cyclopatchol 50			
1259	Cyclopentadecanone		502-72-7	
1260	Cyclopentanethiol	3262	1679-07-8	Cyclopentyl mercaptan
1261	Cyclopentanol		96-41-3	
1262	Cyclopentanone	3910	120-92-3	Adipic ketone, Ketopentamethylene
1263	Cyclopentenyl propionate musk		84012-64-6	
1264	Cyclopentyl acetate		933-05-1	
1265	2-Cyclopentylcyclopentanone	4514	4884-24-6	1,1'-Bi(cyclopentyl)-2-one
1266	2-Cyclopentyl-cyclopentylcrotonate		68039-7-6	Pyroprunat
1267	Cyclopentyl isobutyrate		6290-14-8	
1268	Cyclopropanecarboxylic acid (2-isopropyl-5-methyl-cyclohexyl)-amide	4558	958660-02-1	Cyclopropanecarboxylic acid (1R,2R,5S)-(2-isopropyl-5-methylcyclohexyl)-amide, Cyclopropanecarboxylic acid (1S,2S,5R)-(2-isopropyl-5-methylcyclohexyl)-amide
1269	1-Cyclopropanemethyl-4-methoxybenzene	4759		Anisole, p-(cyclopropylmethyl)-, Benzene, 1-(cyclopropylmethyl)-4-methoxy-, 1-(Cyclopropylmethyl)-4-methoxybenzene
1270	1-Cyclopropylmethyl-4-methoxybenzene		16510-27-3	
1271	N-Cyclopropyl-trans-2-cis-6-nonadien-amide	4087	03-12-3390	N-Cyclopropyl-(E,Z6)-nonadienamide, (2E,6Z)-N-Cyclopropyl-2,6-nonadienamide, 2,6-Nonadienamide, N-cyclopropyl-, (2E,6Z)-
1272	Cyclotene butyrate	4648	68227-51-0	Butanoic acid, 2-methyl-5-oxo-1-cyclopenten-1-yl ester, Butyric acid, 2-methyl-5-oxo-1-cyclopenten-1-yl ester, 2-Methyl-5-oxopent-1-en-1-yl butanoate
1273	Cyclotene propionate	4511	87-55-8	Butyl 2-furyl ketone, 1-(furan-2-yl)pentan-1-one, 1-(2-Furanyl)-1-pentanone, 1-(2-Furyl)pentan-1-one, 1-(2-Furyl)-1-pentanone, 2-Methyl-5-oxocyclopent-1-en-1-ylpropanoate, 3-Methyl-2-(1-oxopropoxy)-2-cyclopenten-1-one
1274	Cyclotetradecanone		3603-99-4	

Sl.No.	Material Name	FEMA	CAS	Synonyms
1275	p-Cymene	2356	99-87-6	Cymene, Cymol, p-Isopropyltoluene, p-Methylcumene, 1-Methyl-4-isopropylbenzene, 4-Methyl-1-isopropylbenzene
1276	p-Cymene (natural)		99-87-6	
1277	Cypress absolute (Cupressus sempervirens L.)		8013-86-3	
1278	Cypress oil (Cupressus sempervirens L.)		8013-86-3	Cypress sempervirens, Cupressaceae
1279	Cypress oil, Australian blue (Callitris intratropica)			Australian blue cypress oil
1280	Cypriol A (Cyperus scariosus)			
1281	Cypriol B (Cyperus rotundus)			
1282	L-Cysteine	3263	52-90-4	2-Amino-3-mercaptopropanoic acid, alpha-Amino-beta-mercaptopropanoic acid, beta-Mercaptoalanine
1283	L-Cysteine (natural)	3263	52-90-4	
1284	d,l-Cystine		923-32-0	
1285	L-Cystine		56-89-3	bis(beta-Amino-beta-carboxyethyl) disulfide, beta,beta(1)-Diamino-beta,beta(1)-dicarboxydiethyl disulfide, Dicysteine, 3,3(1)-Dithiobis(2-aminopropanoic acid), beta,beta(1)-Dithiodialanine
1286	Dafene			
1287	Daida peel oil (Citrus aurantium L. sub. cyathifera Y.)	3823		Citrus aurantium L. sub. cyathifera Y.
1288	Damascate		115724-27-1	2-tert-Butyl-4-methyl-cyclohexyl acetate
1289	Damascenone	3420	23696-85-7	2-Buten-1-one, 1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl), Damascenone total, 4-(2,6,6-Trimethylcyclohexa-1,3-dienyl)but-2-en-4-one
1290	Damascenone (natural)	3420	23696-85-7	
1291	alpha-Damascone	3659	24720-09-0	2-Buten-1-one, 1-(2,6,6-trimethyl-2-cyclohexen-1-yl), trans-alpha Damascone, 4-(2,6,6-Trimethyl-2-cyclohexenyl)-2-butene-4-one
1292	delta-Damascone	3622	57378-68-4	1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-one
1293	Damascone gamma		35087-49-1	
1294	Damiana leaves (Turnera diffusa Willd.)		84696-52-6	Turnera diffusa Willd.
1295	Dandelion fluid extract (Taraxacum spp.)	2357	68990-74-9	
1296	Dandelion leaves solid extract (Taraxacum spp.)		68990-74-9	

Sl.No.	Material Name	FEMA	CAS	Synonyms
1297	Dandelion root solid extract (<i>Taraxacum</i> spp.)	2358	68990-74-9	
1298	Date extract (<i>Phoenix dactylifera</i> , <i>Palmae</i>)		90027-90-0	
1299	Daucus de Crete (<i>Athamantha cretensis</i> L.)			<i>Athamantha cretensis</i>
1300	Davana oil (<i>Artemisia pallens</i> Wall.)	2359	03-03-8016	<i>Artemisia pallens</i> Wall.
1301	2,4-Decadienal	3135	2363-88-4	
1302	trans-trans-2,4-Decadien-1-al	3135	25152-84-5	
1303	2,4-Decadienal (natural)	3135	2363-8-4	
1304	trans-trans-2,4-Decadien-1-ol	3911	18409-21-7	
1305	(2E,4E)-2,4-Decadien-1-ol acetate	4844		trans, trans-2,4-decadien-1-yl acetate
1306	Decahydro-beta-naphthol		825-51-4	
1307	Decahydro-beta-naphthyl acetate		10519-11-6	
1308	Decahydro-beta-naphthyl formate		10519-12-7	
1309	Decahydro-beta-naphthyl isobutyrate		67874-78-6	
1310	alpha-Decalactone		18436-37-8	3-Hexyldihydrofuran-2(3H)-one
1311	delta-Decalactone	2361	705-86-2	5-n-Amyl-5-hydroxypentanoic acid lactone, delta-n-Amyl-delta-valerolactone, Decanolide-1,5
1312	delta-Decalactone (natural)	2361	705-68-2	
1313	epsilon-Decalactone	3613	5579-78-2	6-Butylhexanolide, 7-Butyl-2-oxepanone
1314	gamma-Decalactone	2360	706-14-9	Decanolide-1,4, gamma-n-Hexyl-gamma-butyrolactone, 4-n-Hexyl-4-hydroxybutanoic acid lactone
1315	gamma-Decalactone (natural)	2360	706-14-9	
1316	Decalepis hamiltonii extract	4283	853947-36-1	<i>Decalepis hamiltonii</i>
1317	Decanal	2362	112-31-2	Aldehyde C-10, Capraldehyde, Capric aldehyde, Caprinaldehyde, n-Decanal, n-Decyl aldehyde
1318	Decanal dimethyl acetal	2363	7779-41-1	Aldehyde C-10 dimethyl acetal, Capraldehyde dimethyl acetal, Decyl aldehyde dimethyl acetal, 1,1-Dimethoxydecane
1319	Decanal (natural)	2362	112-31-2	
1320	Decanal propyleneglycol acetal	4364	05-12-5421	2-Nonyl-4-methyl-1,3-dioxolane

Sl.No.	Material Name	FEMA	CAS	Synonyms
1321	1,10-Decanediol		112-47-0	
1322	1,10-Decanedithiol			
1323	Decanenitrile		1975-78-6	
1324	Decanoic acid	2364	334-48-5	Capric acid, Decylic acid
1325	Decanoic acid (natural)	2364	334-48-5	
1326	1-Decanol	2365	112-30-1	Alcohol C-10, Capric alcohol, n-Decyl alcohol, Decylic alcohol, Nonyl carbinol
1327	1-Decanol (natural)	2365	112-30-1	
1328	3-Decanol	3605	1565-81-7	
1329	2-Decanone	4271	693-54-9	Methyl octyl ketone, Methyl n-octyl ketone, Octyl methyl ketone
1330	2-trans-4-trans-7-cis-Decatrienal	4089	66642-86-2	(2E,4E,7Z)-Decatrienal
1331	9-Decen-2-one	4706		Dec-9-en-2-one, Methyl oct-7-enyl ketone
1332	2-Decenal	2366	3913-71-1	Decenaldehyde, n-Decene-2-al, Decylenic aldehyde, 3-Heptylacrolein
1333	2-Decenal (natural)	2366	3913-71-1	
1334	trans-2-Decenal		3913-81-3	
1335	4-Decenal	3264	30390-50-2	
1336	cis-4-Decenal		21662-09-9	Tropanol
1337	trans-4-Decenal	3264	65405-70-1	
1338	cis-7-Decenal		21661-97-2	
1339	9-Decenal	3912	39770-05-3	
1340	cis-4-Decenal diethyl acetal		73545-19-4	
1341	2-Decen-1,4-lactone			
1342	7-Decen-1,4-lactone	4439	67114-38-9	5-(Hex-3-en-1-yl)dihydrofuran-2(3H)-one, 5-(3-Hexenyl)dihydro-2(3H)-furanone, 4-Hydroxydec-7-enoic acid lactone
1343	2-Decenoic acid		3913-85-7	
1344	(E)-2-Decenoic acid	3913	3913-85-7	
1345	3-Decenoic acid		15469-77-9	
1346	4-Decenoic acid	3914	26303-90-2	

Sl.No.	Material Name	FEMA	CAS	Synonyms
1347	5-Decenoic acid	3742	85392-03-6	
1348	5- and 6-Decenoic acid	3742	72881-27-7	
1349	6-Decenoic acid	3742	85392-04-7	
1350	9-Decenoic acid	3660	14436-23-9	
1351	1-Decen-3-ol	3824	51100-54-0	
1352	2-Decen-1-ol		22104-80-9	
1353	trans-2-Decenol	4304	22104-80-9	(E)-2-Decen-1-ol, trans-2-Decen-1-ol, (E)-2-Decenol
1354	cis-4-Decenol	4349	57074-37-0	(Z)-4-Decenol
1355	9-Decen-1-ol			Decylenic alcohol
1356	delta-2-Decenolactone		54814-64-1	
1357	delta-2-Decenolactone (natural)		54814-64-1	
1358	cis-7-Decen-4-olide		63095-33-0	
1359	8-Decen-5-olide	4441	32764-68-0	5-Hydroxydec-8-enoic acid lactone, 6-(3-Pentenyl)tetrahydro[2H]pyran-2-one, Tetrahydro-6-(3-pentenyl)-2H-pyran-2-one
1360	9-Decen-5-olide	4440	74585-00-5	5-Hydroxydec-9-enoic acid lactone, 6-(Pent-4-en-1-yl)tetrahydro-2H-pyran-2-one, Tetrahydro-6-(4-penten-1-yl)-2H-pyran-2-one
1361	9-Decen-1-ol propionate		68480-06-8	
1362	3-Decen-2-one	3532	10519-33-2	Heptylideneacetone, Oenanthyldeneacetone
1363	6-[5(6)-Decenoyloxy]decanoic acid	4442	85932-05-8	5(6)-Decenoic acid, 1-butyl-5-carboxypentyl ester
1364	2-Decenyl acetate		19487-61-7	
1365	cis-4-Decenyl acetate	3967	67452-27-1	(Z)-4-Decen-1-yl-acetate, (Z)-4-Decenyl acetate
1366	9-Decenyl acetate		50816-18-7	
1367	Decyl acetate	2367	112-17-4	Acetate C-10, Decanyl acetate, n-Decyl ethanoate
1368	Decyl anthranilate		18189-07-6	
1369	Decyl butyrate	2368	01-09-5454	n-Decyl butanoate
1370	Decyl caprate		1654-86-0	
1371	Decyl formate		5451-52-5	

Sl.No.	Material Name	FEMA	CAS	Synonyms
1372	2-Decylfuran	4090	83469-85-6	Furan, 2-decyl-
1373	Decyl 3-methylbutyrate			
1374	Decyl methyl ether		7289-52-3	1-Methoxydecane
1375	Decyl propionate	2369	5454-19-3	n-Decyl propanoate
1376	Decyl vinyl ether		765-05-9	Decave
1377	Deertongue absolute (Liatris odoratissima (Walt.) Willd.)		68606-82-6	
1378	Deertongue incolore (Liatris odoratissima (Walt.) Willd.)		68606-82-6	
1379	Dehydroacetic acid		520-45-6	
1380	Dehydrodihydroionol	3446	570369-86-0	alpha,2,6,6-Tetramethyl-1,3-cyclohexadien-1-propanol
1381	Dehydrodihydroionone	3447	20483-36-7	4-(2,6,6-Trimethylcyclohexadien-1-yl)-2-butanone
1382	Dehydrolinalool artificial		29171-20-8	
1383	Dehydromenthofuroloactone	3755	75640-26-5	3,6-Dimethyl-4,5-dihydro(6H)benzo(b)furan-2-one, 3,6-Dimethyl-5,6-dihydro-2(4H)benzofuranone
1384	Dehydronootkatone	4091		8,9-Didehydronootkatone, 5,6-Dimethyl-8-isopropenyl bicyclo[4.4.0]-1,9-decadien-3-one, 4betaH,5alpha-Eremophila-1(10),8,11-trien-2-one, 2(3H)-Naphthalenone, 4,4a,5,6-tetrahydro-4,4a-dimethyl-6-(1-methylethenyl)-, [4R-(4a,4a,6b)]-
1385	8,9-Dehydrotheaspirone	4518	80722-28-7	(S)-2,6,10,10-Tetramethyl-1-oxaspiro[4.5]deca-2,6-dien-8-one
1386	2,5-Dimethyl-3-furanthiol acetate	4034		
1387	Denatonium benzoate		3734-33-6	Delatonium, Phenylmethyl-[2-[(2,6-dimethylphenyl)amino]-2-oxoethyl]-diethylammonium benzoate
1388	Diacetin		25395-31-7	Glycerol diacetate
1389	Diacetyl	2370	431-03-8	Biacetyl, 2,3-Butanedione, 2,3-Diketobutane, Dimethyl diketone, Dimethylglyoxal
1390	Diacetyl (natural)	2370	431-03-8	
1391	Diacetyl tartaric acid esters of mono- and diglycerides	4092		Datem, Diglycerides, mixed monoglycerides and di-glycerides, esters with diacetyltartaric acid, Glycerides, mixed mono- and di-, esters with diacetyltartaric acid, Glycerides, C8-21 & C8-21-2-(acetyloxy)-3-hydroxybutanedioates 2,3-bis(acetyloxy)butanedioates, Monoglycerides, mixed monoglycerides and di-glycerides, esters with diacetyltartaric acid, Panodan 0165 datem, Panodan 150 datem, Panodan datem TR, Panodan TR-datem

Sl.No.	Material Name	FEMA	CAS	Synonyms
1392	Diallyl disulfide	2028	2179-57-9	Allyl disulfide, 2-Propenyl disulfide nature identical
1393	Diallyl pentasulfide	3533	72869-75-1	Allyl pentasulfide, 2-Propenyl pentasulfide
1394	Diallyl polysulfides	3533	72869-75-1	Allyl polysulfides, 2-Propenyl polysulfides
1395	Diallyl tetrasulfide	3533	72869-75-1	Allyl tetrasulfide, 2-Propenyl tetrasulfide
1396	Diallyl trisulfide	3265	2050-87-5	Allyl trisulfide
1397	Dibenzosuberone		1210-35-1	
1398	Dibenzyl ether	2371	103-50-4	Benzyl ether, Benzyl oxide
1399	2,6-Dibromo-3-methyl-4-nitroanisole		62265-99-0	
1400	Di-(butan-3-one-1-yl) sulfide	3335	40790-04-3	
1401	4,4-Dibutyl-gamma-butyrolactone	2372	7774-47-2	4-Butyl-4-hydroxyoctanoic acid lactone, Dibutylbutyrolactone
1402	Dibutyl disulfide		629-45-8	
1403	Dibutyl malate		1587-18-4	
1404	Dibutyl maleate		105-76-0	2-Butenedioic acid (Z)-, dibutyl ester, Dibutymaleate
1405	Dibutyl phthalate		84-74-2	
1406	Dibutyl sebacate	2373	109-43-3	Butyl sebacate, Dibutyl decanedioate, Dibutyl 1,8-octanedicarboxylate
1407	Dibutyl succinate		141-03-7	
1408	Dibutyl sulfide	2215	544-40-1	n-Butyl sulfide, Butylthiobutane
1409	Dibutyl trisulfide		5943-31-7	
1410	1,1-Dichloro-2-methyl-2-phenylcyclopropane		3591-42-2	
1411	1,6-Dichlorohexane		2163-00-0	
1412	Dicyclohexyl disulfide	3448	2550-40-5	Cyclohexyl disulfide
1413	Dicyclopentadiene		77-73-6	
1414	3,4-Diethoxybenzaldehyde		2029-94-9	
1415	3,3-Diethoxy-2-butanone		51933-13-2	
1416	1,1-Diethoxydecane		34764-20-8	Decanal diethyl acetal, Decylaldehyde diethyl acetal
1417	1,2-Di((1'-ethoxy)ethoxy)propane	3534	67715-79-1	

Sl.No.	Material Name	FEMA	CAS	Synonyms
1418	1,1-Diethoxyheptane		688-82-4	Heptanal diethyl acetal
1419	1,1-Diethoxyhex-2-ene		54306-00-2	2-Hexenal diethyl acetal
1420	Diethyl adipate		141-28-6	Diethyl hexanedioate
1421	Diethylamine		109-89-7	
1422	Diethyl azelate		624-17-9	Diethyl nonanedioate
1423	Diethyl carbonyl acetate			
1424	Diethyl carbonate		105-58-8	
1425	Diethyl citrate		32074-56-9	
1426	3,5-Diethyl-2,3-dimethyl-5-cyclohexen-1-one		68845-36-3	
1427	Diethyl diethylmalonate		77-25-8	
1428	Diethyldimethyl-2-cyclohexen-1-on		6884-36-3	2-Cyclohexen-1-one, diethyldimethyl, Diethyldimethylcyclohexenon, Diethyldimethylcyclohex-2-en-1-one
1429	Diethyl disulfide	4093	110-81-6	Disulfide, diethyl, 3,4-Dithiahexane, Ethyl disulfide, Ethyl disulphide, Ethyldithioethane, NSC 8839
1430	Diethylene glycol monoethyl ether		111-90-0	
1431	Diethylene glycol monomethyl ether		111-77-3	
1432	Diethyl ether		60-29-7	
1433	Diethyl fumarate		623-91-6	
1434	2,4-Diethyl-2,6-heptadienal		85135-07-8	
1435	Diethyl malate	2374	03-12-7554	Diethyl 2-hydroxybutanedioate, Diethyl hydroxysuccinate, Ethyl malate
1436	Diethyl maleate		141-05-9	
1437	Diethyl malonate	2375	105-53-3	Ethyl malonate, Ethyl methanedicarboxylate, Ethyl propanedioate, Malonic ester
1438	Diethyl mercaptosuccinate			
1439	2,3-Diethyl-5-methylpyrazine	3336	18138-04-0	
1440	2,5-Diethyl-3-methylpyrazine	3915	32736-91-7	
1441	3,5-Diethyl-2-methylpyrazine	3916	18138-05-1	
1442	2,5-Diethyl-4-methylthiazole		41981-71-9	

Sl.No.	Material Name	FEMA	CAS	Synonyms
1443	N,N-Diethyloctanamide		996-97-4	
1444	Diethyl octandioate		2050-23-9	
1445	Diethyl oxalate		95-92-1	
1446	Diethyl pentanedioate		818-38-2	
1447	Diethyl phthalate		84-66-2	
1448	2,5-Diethyl-4-propylthiazole		4276-68-0	
1449	2,3-Diethylpyrazine	3136	15707-24-1	
1450	2,5-Diethylpyrazine		13238-84-1	
1451	Diethyl sebacate	2376	110-40-7	Diethyl decanedioate, Diethyl 1,8-octanedicarboxylate, Ethyl decanedioate, Ethyl sebacate
1452	Diethyl succinate (natural)	2377		
1453	Diethyl succinate	2377	123-25-1	Diethyl butanedioate, Diethyl ethanedicarboxylate, Ethyl succinate
1454	Diethyl sulfide	3825	352-93-2	Diethyl thioether, Ethyl monosulfide, Ethyl succinate sulfide, Ethyl thioether, Sulfodor, 3-Thiapentane, 1,1-Thiobisethane, Thioethylether
1455	Diethyl tartrate	2378	87-91-2	Diethyl 2,3-dihydroxybutanedioate, Diethyl 2,3-dihydroxysuccinate, Ethyl tartrate
1456	Diethyl tartrate (natural)	2378		
1457	2,5-Diethyltetrahydrofuran	3743	41239-48-9	
1458	Diethyl tetrasulfide			
1459	2,5-Diethylthiazole		15729-76-7	
1460	Diethyl trisulfide	4029	3600-24-6	
1461	cis-trans-3,5-Diethyl-1,2,4-trithiolane	4030		
1462	3,5-Diethyl-1,2,4-trithiolane		54644-28-9	
1463	1,1-Di(furfurithio)-2-methylbutane			
1464	Difurfuryl ether	3337	4437-22-3	Furfuryl ether
1465	2,4-Difurfurylfuran	4095	64280-32-6	Furan, 2,4-bis(2-furanylmethyl)-
1466	Di-2-furylmethane	4540	1197-40-6	2,2'-Difurylmethane, Furan, 2,2'-methylenebis-, 2-(2-Furfuryl)furan, 2,2'-Methylenedifuran
1467	Digeranyl ether	4664	31147-36-1	Bis(3,7-dimethyl-2,6-octadienyl) ether, 1,1'-Oxybis[3,7-dimethyl-(2E)-octadiene]

Sl.No.	Material Name	FEMA	CAS	Synonyms
1468	Dihexyl fumarate		1939-31-2	
1469	1,1-Dihexyloxyhexane			
1470	Dihydroactinidiolide	4020	15356-47-8	(+/-)-(2,6,6-Trimethyl-2-hydroxycyclohexylidene)acetic acid gamma-lactone
1471	2,5-Dihydroanisole			
1472	Dihydrocarveol	2379	619-01-2	8-p-Menthen-2-ol, 6-Methyl-3-isopropenylcyclohexanol, Tuberyl alcohol
1473	Dihydrocarvyl acetate	2380	20777-49-5	8-p-Menthen-2-yl acetate, p-Menth-8-en-2-yl acetate, 1-Methyl-4-isopropenylcyclohexan-2-yl acetate, 6-Methyl-3-isopropenylcyclohexyl acetate, Tuberyl acetate
1474	Dihydrocoumarin	2381	119-84-6	1,2-Benzodihydropyrone, 3,4-Dihydro(2H)-1-benzopyran-2-one, Hydrocoumarin, o-Hydroxydihydrocinnamic acid lactone, Melilotic acid lactone
1475	6,7-Dihydro-2,3-dimethyl-5H-cyclopentapyrazine	3917	38917-63-4	
1476	6,7-Dihydro-5,7-dimethyl[5H]cyclopentapyrazine		41330-21-6	
1477	6,7-Dihydro-5-ethyl[5H]cyclopentapyrazine		52517-53-0	
1478	Dihydroeugenol	3598	2785-87-7	2-Methoxy-4-propylphenol, 4-Propylguaicol, 5-Propyl-o-hydroxyanisole, 4-Propyl-o-methoxyphenol
1479	2,3-Dihydrofarnesene		7681-88-1	
1480	(+/-)-Dihydrofarnesol	4031		
1481	2,3-Dihydrofuran		1191-99-7	
1482	Dihydrogalangal acetate	4555	129319-15-9	4-(Acetyloxy)-alphaethylbenzenemethanol acetate, 1-[4-(Acetyloxy)phenyl]propyl acetate
1483	Dihydro-beta-ionol	3627	3293-47-8	beta-Dihydroionol, 4-(2,6,6-Trimethyl-1-cyclohexenyl)butan-2-ol
1484	Dihydro-alpha-ionone	3628	31499-72-6	4-(2,6,6-Trimethyl-2-cyclohexen-1-yl)butan-2-one
1485	Dihydro-beta-ionone	3626	17283-81-7	4-(2,6,6-Trimethyl-1-cyclohexenyl)butan-2-one
1486	4,7-Dihydro-2-isopentyl-2-methyl-1,3-dioxepin		5338-05-9	
1487	Dihydrojasmane	3763	1128-08-1	2-Pentyl-3-methyl-2-cyclopenten-1-one
1488	Dihydrojasmane (natural)	3763	1128-08-1	
1489	1,2-Dihydrolinalool		18479-51-1	
1490	Dihydromethyl-alpha-ionone		68480-17-1	

Sl.No.	Material Name	FEMA	CAS	Synonyms
1491	Dihydro-4-methyl-5-pentylfuran-2(3H)one		33673-62-0	
1492	5,7-Dihydro-2-methylthieno(3,4-d)pyrimidine	3338	36267-71-7	
1493	(+/-)-Dihydromintlactone	4032		
1494	Dihydromyrcene		2436-90-0	
1495	Dihydromyrcenyl acetate		53767-93-4	
1496	Dihydromyrcenyl formate		25279-09-8	
1497	Dihydronootkatone	3776	20489-53-6	1,4,4a,5,6,7,8,8a-Octahydro-4,4a-dimethyl-6-isopropenyl-2(1H)naphthalenone
1498	6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)indanone		33704-61-9	
1499	4,7-Dihydro-2-(3-pentenyl)-1,3-dioxepin		53338-06-0	
1500	(+/-)-cis- and trans-1,2-Dihydroperillaldehyde	4312	22451-50-9	(+/-)-Z- and E-1,2-Dihydroperillaldehyde, 4-Isopropenylcyclohexanecarboxaldehyde
1501	Dihydropyran		110-87-2	
1502	Dihydorose oxide		13477-62-8	
1503	Dihydrosafrole		94-58-6	
1504	Dihydro-alpha-terpineol		498-81-7	
1505	Dihydroterpinyl acetate		80-25-1	
1506	4,5-Dihydro-3(2H)thiophenone	3266	1003-04-9	3-Tetrahydrothiophenone, Tetrahydrothiophen-3-one, 3-Thiophenone
1507	3',7-Dihydroxy-4'methoxyflavan	4708		(±)-3',7-Dihydroxy-4'-methoxyflavan, 3,4-Dihydro-2-(3-hydroxy-4-methoxyphenyl)-2H-1-benzopyran-7-ol
1508	Dihydroxyacetone	4033	96-26-4	
1509	Dihydroxyacetophenone	3662	28631-86-9	
1510	3,4-Dihydroxybenzaldehyde		139-85-5	
1511	3,4-Dihydroxybenzoic acid	4430	99-50-3	Protocatechuic acid
1512	3,4-Dihydroxycinnamic acid		331-39-5	
1513	2,5-Dihydroxy-1,4-dithiane	3826	40018-26-6	1,4-Dithiane-2,5-diol, p-Dithiane-2,5-diol, Mercaptoacetaldehyde dimer
1514	1,8-Dihydroxy-3,6-dithiaoctane			
1515	7,8-Dihydroxyflavone	4830		7,8-Dihydroxy-2-phenyl-4H-1-benzopyran-4-one, 7,8-Dihydroxy-2-phenyl-4-benzopyrone, 7,8-Dihydroxy-2-phenyl-4H-chromen-4-one

Sl.No.	Material Name	FEMA	CAS	Synonyms
1516	5,7-Dihydroxy-2-(3-hydroxy-4-methoxyphenyl)-chroman-4-one	4313	69097-99-0	Eriodictyol 4'-monomethyl ether, (+/-)-Hesperetin, (+/-)-5,7,3'-Trihydroxy-4'-methoxyflavanone
1517	2,4-Dihydroxy-N-[(4-hydroxy-3-methoxyphenyl)methyl] benzamide	4835		2,4-Dihydroxybenzoic acid vanillylamide
1518	2,4-Dihydroxy-3-methylbenzaldehyde		6248-20-0	
1519	(2S)-3',7-Dihydroxy-8-methyl-4'-methoxyflavan	4833		(2S)-7,3'-Dihydroxy-4'-methoxy-8-methylflavane, (S)-2-(3-Hydroxy-4-methoxyphenyl)-8-methylchroman-7-ol
1520	2-(3,4-Dihydroxyphenyl)-5,7-dihydroxy-4-chromanone	4715	4049-38-1	(±)-3',4',5,7-Tetrahydroxyflavanone, (±)-Eriodictyol, 4H-1-Benzopyran-4-one, 2-(3,4-dihydroxyphenyl)-2,3-dihydro-5,7-dihydroxy-
1521	2,4-Dihydroxybenzoic acid	3798	89-86-1	4-Carboxyresorcinol, 2,4-DHBA, p-Hydroxysalicylic acid, beta-Resorcinolic acid
1522	Diisoamyl disulfide	4575	09-04-2051	bis(3-Methylbutyl) disulfide, Diisopentyl disulfide, 2,9-Dimethyl-5,6-dithiadecane
1523	Diisoamyl thiomalate		68084-03-7	
1524	Diisoamyl trisulfide	4580		Bis(3-methylbutyl)trisulfane, Trisulfide, bis(3-methylbutyl)-
1525	Diisobutyl adipate	4475	141-04-8	Adipic acid, diisobutyl ester, Hexanedioic acid, bis(2-methylpropyl) ester
1526	Diisobutyl thiomalate		65291-43-2	
1527	Diisopentyl thiomalate	4096	68084-03-7	Butanedioic acid, mercapto-, bis(3-methylbutyl) ester, bis(3-Methylbutyl)mercaptosuccinate
1528	Diisopropyl adipate	4474	6938-94-9	Adipic acid, diisopropyl ester, Hexanedioic acid, bis(1-methylethyl) ester
1529	Diisopropylbenzaldehyde		68459-95-0	
1530	Diisopropyl carbonyl formate			
1531	Diisopropyl disulfide	3827	4253-89-8	2,5-Dimethyl-3,4-dithiahexane, Isopropyl disulfide, bis-(1-Methylethyl)disulfide
1532	2,6-Diisopropylphenol		2078-54-8	
1533	Diisopropyl sulfide nature identical		625-80-9	
1534	Diisopropyl trisulfide	3968	5943-34-0	
1535	3,5-Diisopropyl-1,2,4-trithiolane		54934-99-5	
1536	Dilauryl succinate		5980-15-4	
1537	Dill (Anethum graveolens L.)	2382	8006-75-5	Anethum graveolens L.
1538	Dill oil (Anethum graveolens L.)	2383	8006-75-5	Dillweed oil
1539	Dill seed extract (Anethum spp.)		8006-75-5	
1540	Dill seed, Indian (Anethum spp.)	2384	8006-75-5	

Sl.No.	Material Name	FEMA	CAS	Synonyms
1541	Dill seed oil (Anethum sowa DC.)		06-06-8016	
1542	Dimethyl glutarate	4604	1119-40-0	Glutaric acid, di-(p-menth-3-yl) ester, Pentanedioic acid, bis[5-methyl-2-(1-methylethyl)cyclohexyl] ester
1543	Dimercaptomethane	4097	6725-64-0	Methanedithiol
1544	3,4-Dimethoxyacetophenone		1131-62-0	
1545	1,2-Dimethoxybenzene	3799	91-61-7	Catechol dimethyl ether, Veratrol-E
1546	m-Dimethoxybenzene	2385	151-10-0	1,3-Dimethoxybenzene, Dimethylresorcinol, Resorcinol dimethyl ether
1547	p-Dimethoxybenzene	2386	150-78-7	1,4-Dimethoxybenzene, Dimethylhydroquinone, Hydroquinone dimethyl ether
1548	N1-(2,3-Dimethoxybenzyl)-N2-(2-(pyridine-2-yl)ethyl)oxalamide	4741		N1-[(2,3-dimethoxyphenyl)methyl]-N2-[2-(2-pyridinyl)ethyl]-, Ethanediamide
1549	N1-(2,4-Dimethoxybenzyl)-N2-(2-(pyridin-2-yl)ethyl)oxalamide	4233		
1550	1,4-Dimethoxy-2-t-butylbenzene		21112-37-8	Vetylbois
1551	1,1-Dimethoxycyclododecane		950-33-4	Palisandal
1552	1,1-Dimethoxy-2,2-dimethyl-3-phenylpropane		72727-59-4	
1553	1,1-Dimethoxy-2,5-dimethyl-2-vinyl-4-hexene		99509-41-8	
1554	1,1-Dimethoxyethane	3426	534-15-6	Acetaldehyde dimethyl acetal, Dimethylacetal, Ethylidene dimethyl ether
1555	3,5-Dimethoxy-4-hydroxyacetophenone		2478-38-8	
1556	3,5-Dimethoxy-4-hydroxybenzaldehyde		134-96-3	
1557	3,5-Dimethoxy-4-hydroxybenzoic acid		530-57-4	
1558	3,5-Dimethoxy-4-hydroxybenzyl alcohol		530-56-3	
1559	3,5-Dimethoxy-4-hydroxycinnamaldehyde		4206-58-0	
1560	3,5-Dimethoxy-4-hydroxycinnamic acid		530-59-6	
1561	1-(3,5-Dimethoxy-4-hydroxyphenyl)-1-propanone		5650-43-1	
1562	2,6-Dimethoxyphenol	3137	91-10-1	2-Hydroxy-1,3-dimethoxybenzene, Pyrogallol dimethyl ether, Syringol
1563	2,6-Dimethoxyphenol (natural)	3137	91-10-1	
1564	3,4-Dimethoxyphenylbutanone(zingerone methyl ether)		6320-60-9	
1565	N-[2-(3,4-Dimethoxyphenyl)ethyl]-3,4-dimethoxycinnamic acid amide	4310	69444-90-2	3-(3,4-Dimethoxyphenyl)-N-[2-(3,4-dimethoxyphenyl)ethyl]-2-propenamamide
1566	(E)-3-(3,4-Dimethoxyphenyl)-N-[2-(4-methoxyphenyl)-ethyl]-acrylamide	4877		4-methoxyphenylethylamine 3,4-dimethoxycinnamic amide

Sl.No.	Material Name	FEMA	CAS	Synonyms
1567	2-(((3-(2,3-Dimethoxyphenyl)-1H-1,2,4-Triazol-5-yl)thio)Methyl)Pyridine	4798	902136-79-2	
1568	3,5-Dimethoxytoluene		4179-19-5	
1569	1,1-Dimethoxy-trans-2-hexene	4098	18318-83-7	1,1-Dimethoxy-E-2-hexene, 2-Hexenal, dimethyl acetal, (E)-, (E)-2-Hexenal dimethyl acetal, trans-2-Hexenal dimethyl acetal, 2-Hexene, 1,1-dimethoxy-, (2E)-, 2-Hexene, 1,1-dimethoxy-, (E)-
1570	1,1-Dimethoxy-2,2,5-trimethyl-4-hexene		67674-46-8	
1571	3,4-Dimethoxy-1-vinylbenzene	3138	6380-23-0	3,4-Dimethoxystyrene
1572	2,6-Dimethoxy-4-vinylphenol		28343-22-8	
1573	2(3),5-Dimethyl-6,7-dihydro-5H-cyclopentapyrazine	4702		
1574	N,N-Dimethylacetoacetamide		2044-64-6	
1575	2,4-Dimethylacetophenone	2387	89-74-7	Acetyl-m-xylene, Methyl 2,4-dimethylphenyl ketone
1576	1,4-Dimethyl-4-acetyl-1-cyclohexene	3449	43219-68-7	1,4-Dimethylcyclohex-3-enyl methyl ketone
1577	1,4-Dimethyl-4-acetyl-1-cyclohexene (natural)	3449	43219-68-7	
1578	2,4-Dimethyl-5-acetylthiazole	3267	38205-60-6	5-Acetyl-2,4-dimethylthiazole, 2,4-Dimethyl-5-thiazoyl methyl ketone
1579	Dimethyl adipate	4472	627-93-0	Adipic acid, dimethyl ester, Dimethyl hexanedioate, Hexanedioic acid, dimethyl ester
1580	Dimethylamine		124-40-3	
1581	Dimethylamine hydrochloride			
1582	2,4-Dimethylanisole	3828	6738-23-4	
1583	Dimethyl anthranilate	2718	85-91-6	Methyl 2-methylaminobenzoate, Methyl o-methylaminobenzoate, Methyl N-methylantranilate
1584	Dimethyl anthranilate (natural)	2718	85-91-6	
1585	Dimethyl azelate		1732-10-1	
1586	2,4-Dimethylbenzaldehyde	3427	15764-16-6	1-Formyl-2,4-dimethylbenzene, 2,4-Xylylaldehyde
1587	2,3-Dimethylbenzofuran	3535	3782-00-1	
1588	p,alpha-Dimethylbenzyl alcohol	3139	536-50-5	1-p-Tolyl-1-ethanol, p-Tolyl methyl carbinol
1589	Dimethyl benzyl carbinyl butyrate	2394	10094-34-5	Benzyl dimethyl carbinyl butyrate, 2-Benzyl-2-propyl butyrate, alpha,alpha-Dimethylphenethyl butyrate, DMBC butyrate
1590	Dimethylbenzyl carbinyl crotonate	4403	93762-43-6	

Sl.No.	Material Name	FEMA	CAS	Synonyms
1591	Dimethylbenzyl carbiny hexanoate	4404		
1592	Dimethyl benzyl carbiny isobutyrate		59354-71-1	
1593	alpha,alpha-Dimethylbenzyl isobutyrate	2388	7774-60-9	alpha,alpha-Dimethylbenzyl 2-methylpropanoate, Dimethyl phenyl carbiny isobutyrate, Phenyl dimethyl carbiny isobutyrate, 2-Phenylpropan-2-yl isobutyrate, 2-Phenylpropan-2-yl 2-methylpropanoate
1594	1,5-Dimethyl bicyclo(3.2.1)octan-8-one oxime		75147-23-8	Buccoxime
1595	3,3-Dimethylbutanol-2		464-07-3	
1596	2,3-Dimethyl-1-butene		563-78-0	
1597	1,3-Dimethylbut-3-enyl isobutyrate		80118-06-5	2-Methyl-5-propanoic acid, 1,3-dimethyl-3-butenyl ester
1598	1,1-Di(2-methylbutoxy)ethane		13535-43-8	
1599	1,3-Dimethylbutyl acetate		108-84-9	Methylamyl acetate, Methyl isobutyl carbiny acetate
1600	4,6-Dimethyl-8-tert-butylcoumarin		17874-34-9	Butolia
1601	Di(2-methylbutyl) malate			
1602	Di(2-methylbutyl) succinate		818-04-2	
1603	Dimethyl carbonate		616-38-6	
1604	Dimethyl citraconate		617-54-9	cis-Methylbutenoic acid, dimethyl ester
1605	2,4-Dimethylcyclohexanemethanol		68480-15-9	
1606	2,4-Dimethylcyclohex-3-ene-1-carbaldehyde		68039-49-6	Cyclal C, 2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde, Vertocitral (nature identical)
1607	3,5-Dimethylcyclohex-3-ene-1-carbonitrile		66848-40-6	1-Cyano-3,5-dimethylcyclohex-3-ene
1608	3,S-Dimethyl-3-cyclohexene-1-carboxaldehyde		68039-48-5	Agrumen aldehyde, Dimethyl cyclohexene carboxaldehyde, Trivertal (PCAS), Vertocitral
1609	3,6(4,6)-Dimethyl-3-cyclohexene-1-carboxaldehyde		67801-65-4	Cyclovertal (Cognis)
1610	2,4-Dimethyl-3-cyclohexene-1-methanol		67634-17-7	
1611	2,4-Dimethyl-3-cyclohexene-1-methyl acetate		67634-26-8	
1612	gamma,4-Dimethyl-3-cyclohexene-1-propanol		15760-18-6	
1613	(2,4)- and (3,5)- and (3,6)-Dimethyl-3-cyclohexenylcarbaldehyde	4505	68737-61-1	Dimethyl-3-cyclohexene-1-carboxaldehyde

Sl.No.	Material Name	FEMA	CAS	Synonyms
1614	1-(2,4-Dimethyl-3-cyclohexen-1-yl)-2,2-dimethyl-1-propanone		69929-17-5	
1615	2(2,4-Dimethylcyclohex-3-en-1-yl)-5-methyl-5-(1-methylpropyl-)		117933-89-8	2(2,4-Dimethyl-3-cyclohexene-1-yl)-5-methyl-5-(1-methylpropyl)-1,3-dioxane, 2(2,4-Dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-1,3-dioxane, 1,3-Dioxane, 2(2,4-dimethyl-3-cyclohexene-1-yl)-5-methyl-5-(1-methylpropyl)-
1616	1-(5,5-Dimethyl-1-cyclohexen-1-yl)4-penten-1-one		56973-85-4	
1617	2,4-Dimethylcyclohexylmethylacetate		67634-22-4	Cyclohexane methanol,2,4-dimethyl, acetate
1618	3,3-Dimethylcyclohexyl methyl ketone		25304-14-7	
1619	3,4-Dimethyl-1,2-cyclopentadione	3268	13494-06-9	
1620	3,5-Dimethyl-1,2-cyclopentadione	3269	13494-07-0	
1621	Dimethyl-2-cyclopentenone-1		30434-64-1	
1622	4,8-Dimethyl-4,9-decadienal		71077-31-1	Floral Super
1623	5,9-Dimethyl-4,8-decadienal		762-26-5	
1624	1,10-Dimethyl-9-decalol		19700-21-1	
1625	2,5-Dimethyl 6,7-dihydro[5H]cyclopentapyrazine		38917-61-2	
1626	10% solution of 3,4-dimethyl-2,3-dihydrothiophene-2-thiol	4836		
1627	2,5-Dimethyl-2,5-dihydroxy-1,4-dithiane	3450	55704-78-4	2,5-Dimethyl-2,5-dihydroxy-p-dithiane
1628	3,3-Dimethyl-1,5-dioxaspiro[5.5]undecane		707-29-9	Thymoxane
1629	2,4-Dimethyl-1,3-dioxolane	4099	03-12-3390	Acetaldehyde cyclic propylene glycol acetal, Acetaldehyde propylene glycol acetal, Acetaldehyde PG Acetal, 1,3-Dioxolane, 2,4-dimethyl-, Propylene acetal
1630	Dimethyl disulfide	3536	624-92-0	Methyl disulfide
1631	Dimethyl disulfide (natural)	3536		
1632	2,5-Dimethyl-4-ethoxy-3(2H)furanone	4104	65330-49-6	2,3-Dihydro-2,5-dimethyl-4-ethoxy-3-furanone, 2,5-Dimethyl-2,3-dihydro-4-ethoxyfuran-3-one, 2,5-Dimethyl-4-ethoxy-2H-furan-3-one, 3(2H)-Furanone, 4-ethoxy-2,5-dimethyl-
1633	2,5-Dimethyl-4-ethoxy-3(2H)furanone (natural)	4104	65330-49-6	
1634	3-(1,1-Dimethylethyl)cyclohexylacetate		31846-06-7	Butylcyclohexylacetate meta tert, Cyclohexanol, 3-(1,1-dimethylethyl)-, acetate, Meta tert butyl cyclohexyl acetate, 3-tert Butylcyclohexyl acetate
1635	2,5-Dimethyl-4-ethylloxazole	4395	3048-61-8	4-Ethyl-2,5-dimethylloxazole
1636	4-(1,1-Dimethyl)ethylphenol	3918	98-54-4	p-tert-Butylphenol
1637	alpha,alpha-Dimethyl-p-ethylphenylpropanal		67634-15-5	2(or4)-Ethyl-alpha,alpha-dimethyl-benzenepropanal, 3-(p-Ethylphenyl)-2,2-dimethylpropionaldehyde, Florazon

Sl.No.	Material Name	FEMA	CAS	Synonyms
1638	1,1-Dimethylethyl propionate		20487-40-5	
1639	4,5-Dimethyl-2-ethylthiazole		873-64-3	
1640	4,5-Dimethyl-2-ethyl-3-thiazoline	3620	76788-46-0	2-Ethyl-4,5-dimethyl-3-thiazoline
1641	2,5-Dimethylfuran	4106	625-68-5	
1642	2,5-Dimethyl-3(2H)-furanone	4101	14400-67-0	2,3-Dihydro-2,5-dimethyl-3-furanone, 2,5-Dimethyl-2,3-dihydrofuran-3-one, 2,5-Dimethyl-2H-furan-3-one, 3(2H)-Furanone, 2,5-dimethyl-
1643	2,5-Dimethyl-3(2H)-furanone (natural)	4101	14400-67-0	
1644	2,5-Dimethyl-3-furanthiol	3451	55764-23-3	2,5-Dimethyl-3-furyl mercaptan
1645	2,5-Dimethyl-3-furanthiol (natural)	3451		
1646	bis-(2,5-Dimethyl-3-furyl) disulfide	3476	28588-73-0	
1647	trans-2,4-Dimethyl-2,6-heptadienal		80192-48-9	
1648	2,4-Dimethyl-2,6-heptadienol			
1649	2,4-Dimethylheptanol		98982-97-9	
1650	2,6-Dimethyl-2-heptanol		13254-34-7	Freesiol, 2-Methylheptanole
1651	2,6-Dimethyl-4-heptanol	3140	108-82-7	Diisobutyl carbinol
1652	2,6-Dimethyl-4-heptanone	3537	108-83-8	Diisobutyl ketone, Isobutyl ketone, Isovalerone
1653	2,6-Dimethyl-4-heptanone (natural)	3537	108-83-8	
1654	2,6-Dimethyl-5-heptenal	2389	106-72-9	
1655	2,6-Dimethyl-5-heptenal (natural)	2389	106-72-9	
1656	2,6-Dimethyl-5-heptenal propyleneglycol acetal	4382	74094-63-6	2-(1,5-Dimethyl-4-hexenyl)-4-methyl-1,3-dioxolane
1657	2,6-Dimethyl-5-hepten-2-ol		6090-15-9	Dimethylheptenol
1658	2,6-Dimethyl-6-hepten-1-ol	3663	36806-46-9	alpha-Melonol
1659	2,6-Dimethylheptyl acetate		102504-50-0	
1660	3,6-Dimethyl-2,3,3a,4,5,7a-hexahydrobenzofuran	4315	70786-44-6	Dill ether
1661	1,10-Dimethyl-9-hydroxydecahydronaphthalene			
1662	2,5-Dimethyl-3-hydroxy-4,5 dihydrofuran-4-one			

Sl.No.	Material Name	FEMA	CAS	Synonyms
1663	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one	3634	28664-35-9	2,3-Dimethyl-4-hydroxy-2,5-dihydrofuran-5-one, 3-Hydroxy-4,5-dimethyl-2(5H)furanone, 2-Hydroxy-3-methyl-2-penten-4-olide, Sotolon
1664	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one (natural)	3634	28664-35-9	Sotolone
1665	N-(1,1-Dimethyl-2-hydroxyethyl)-2,2-diethylbutanamide	4603	51115-77-6	2,2-Diethyl-N-(2-hydroxy-1,1-dimethylethyl)butanamide
1666	Dimethylionone		68555-94-2	1,3-Dimethyl-alpha-ionone, Isopropyl ionone
1667	3,5 Dimethyl-2-isobutylpyrazine	4100		3,6-Dimethyl-2-isobutylpyrazine, 3,5-Dimethyl-3-(2-methylpropyl)-1,4-diazine and 3,6-dimethyl-3-(2-methylpropyl)-1,4-diazine, Pyrazine, 3,5-dimethyl-3-(2-methylpropyl)- and pyrazine, 3,6-dimethyl-3-(2-methylpropyl)-
1668	4,5-Dimethyl-2-isobutylthiazole	4647	53498-23-1	4,5-Dimethyl-2-(2-methylpropyl)thiazole, 2-Isobutyl-4,5-dimethylthiazole
1669	4,5-Dimethyl-2-isobutyl-3-thiazoline	3621	65894-83-9	2,5-Dihydro-4,5-dimethyl-2-(2-methylpropyl)thiazole, 2-Isobutyl-4,5-dimethyl-3-thiazoline
1670	4,5-Dimethyl-2-isopropylthiazole 3-(1-((3,5-Dimethylisoxazol-4-yl)methyl)-1H-		53498-30-9	
1671	pyrazol-4-yl)-1-(3-hydroxybenzyl)imidazolidine-2,4-dione	4725		2,4-Imidazolidinedione, 3-[1-[(3,5-dimethyl-4-isoxazolyl)methyl]-1H-pyrazol-4-yl]-1-[(3-hydroxyphenyl)methyl]-
1672	Dimethyl malonate		108-59-8	
1673	(+/-)-N,N-Dimethyl menthyl succinamide	4230	544714-08-1	
1674	2,5-Dimethyl-4-methoxy-3(2H)furanone	3664	4077-47-8	4-Methoxy-2,5-dimethyl-3(2H)furanone
1675	3,7-Dimethyl-7-methoxyoctan-2-ol		41890-92-0	Osyrol
1676	2,5-Dimethyl-3-(methylthio)furan 5,6-Dimethyl(-1-		61197-06-6	
1677	methylethenyl)bicyclo[2.2.1]hept-5-ene-2-methanol		110458-85-0	
1678	1,2-Dimethyl-3-(1-methylethenyl)cyclopentanol		72402-00-7	
1679	1,2-Dimethyl-3-(1-methylethenyl)cyclopentyl acetate		94346-09-5	Plinyl acetate
1680	3,9-Dimethyl-6-(1-methylethyl)-1,4-dioxaspiro[4.5]decan-2-one	4285	831213-72-0	
1681	2,6-Dimethyl-3-((2-methyl-3-furyl)thio)-4-heptanone	3538	61295-51-0	1,3-Diisopropylacetonyl 2-methyl-3-furyl sulfide, 3-((2Methyl-3-furyl)thio)-2,6-dimethyl-4-heptanone
1682	2,2-Dimethyl-3-(3-methyl-2,4-pentadienyl)oxirane		69103-20-4	
1683	2,2-Dimethyl-3-(3-methylphenyl)propanol		106394-68-4	
1684	2,2-Dimethyl-5-(1-methylpropen-1-yl)tetrahydrofuran	3665	7416-35-5	Ocimen quintoxide
1685	2,5-Dimethyl-3-(methylthio)furan		63359-63-7	

Sl.No.	Material Name	FEMA	CAS	Synonyms
1686	3,7-Dimethyl-2,6-nonadienenitrile		61792-11-8	
1687	(E) & (Z)-4,8-Dimethyl-3,7-nonadien-2-one	3969		
1688	4-(4,8-Dimethyl-3,7-nonadienyl)pyridine		38462-23-6	
1689	2,4-Dimethyl-4-nonanol	4407	74356-31-3	
1690	6,8-Dimethyl-2-nonanol		70214-77-6	
1691	2,3-Dimethyl-2-nonenenitrile		53153-67-6	
1692	3,7-Dimethyl-6-nonen-1-ol		19550-54-0	Ethyl citronellol
1693	2,3-Dimethyl-2-nonen-4-olide			
1694	3,3-Dimethyl-2-norbornane-2-ethanol		03-5-2226	Patchomint
1695	6,6-Dimethyl-2-norpinenepropionaldehyde		33885-51-7	
1696	3,7-Dimethyl-2,6-octadiene-1-nitrile		31983-27-4	
1697	(E)-2-(3,7-Dimethyl-2,6-octadienyl)cyclopentanone	3829	68133-79-9	Decenylcyclopentanone, 2-(3,7-Dimethyl-2,6-octadienyl)cyclopentanone, Geranyl-cyclopentanone
1698	N-3,7-Dimethyl-2,6-octadienylcyclopropylcarboxamide	4267	744251-93-2	
1699	2,6-Dimethyloctanal	2390	09-07-7779	Isoaldehyde C-10, Isodecyl aldehyde
1700	3,7-Dimethyloctanal	4348	5988-91-0	Dihydrocitronellal, 6,7-Dihydrocitronellal, 3,7-Dimethyl-1-octanal
1701	Dimethyl octanedioate		1732-09-8	
1702	3,7-Dimethyl octanenitrile		40188-41-8	Tetrahydrogeranonitrile
1703	Dimethyloctanoic acid		5698-29-1	
1704	3,6-Dimethyl-3-octanol		151-19-9	
1705	3,7-Dimethyl-1-octanol	2391	106-21-8	Dihydrocitronellol, Tetrahydrogeraniol
1706	3,7-Dimethyl-1-octanyl acetate		20780-49-8	
1707	3,6-Dimethyloctan-3-yl formate			
1708	3,7-Dimethylocta-2,6-octadienyl 2-ethylbutanoate	3339	73019-14-4	Geranyl 2-ethylbutyrate
1709	3,7-Dimethyl-1,3,6-octatriene	3539	13877-91-3	trans-beta-Ocimene
1710	3,7-Dimethyl-1,3,6-octatriene (natural)	3539	13877-91-3	Ocimene
1711	2,6-Dimethyl-1,5,7-octatrienol-3		29414-56-0	
1712	(E)-3,7-Dimethyl-1,5,7-octatrien-3-ol	3830	20053-88-7	Dehydrolinalool, Hotrienol

Sl.No.	Material Name	FEMA	CAS	Synonyms
1713	3,7-Dimethyl-6-octenal diethyl acetal			
1714	3,7-Dimethyl-6-octenoic acid	3142	502-47-6	Citronellic acid, Rhodinolic acid
1715	2,6-Dimethyl-7-octen-2-ol		18479-58-8	Dihydromyrcenol, Dimyrcetol
1716	2,5-Dimethyl-2-octen-6-one		2550-11-0	
1717	2,6-Dimethyl-6-octenone-3		2550-18-7	
1718	2,7-Dimethyloct-5-en-4-one in isopropyl myristate		68419-46-5	Isotageton, 50%
1719	2,7-Dimethyl-5-octen-4-yl acetate		102-58-9	
1720	3,7-Dimethyl-6-octenyl ethyl ether		22882-93-5	
1721	3,6-Dimethyl-3-octyl acetate		60763-42-0	3,6-Dimethyl-3-octanyl acetate
1722	3,7-Dimethyloctyl acetate		20780-49-8	
1723	3,7-Dimethyloctyl formate		68214-06-2	
1724	3,6-Dimethyl-1-octyn-3-ol		81708-87-4	
1725	6,10-Dimethyl-3-oxa-5,9-undecadienal		68213-87-6	
1726	2,4-Dimethyl-3-oxazoline	4429	77311-02-5	2,4-Dimethyl-2,5-dihydro-1,3-oxazole
1727	2,5-Dimethyl-3-oxo-(2H)-fur-4-yl butrate (natural)	3970		
1728	2,5-Dimethyl-3-oxo-(2H)-fur-4-yl butrate	3970	114099-96-6	
1729	2,4-Dimethyl-2-pentenoic acid	3143	66634-97-7	
1730	3,4-Dimethyl-5-pentylidene-2(5H)furanone		774-64-1	
1731	alpha,alpha-Dimethylphenethyl acetate	2392	151-05-3	Benzyl dimethyl carbinyl acetate, 2-Benzyl-2-propyl acetate, Dimethyl benzyl carbinyl acetate, DMBC acetate
1732	alpha,alpha-Dimethylphenethyl alcohol	2393	100-86-7	Benzyl dimethyl carbinol, 2-Benzyl-2-propanol, Dimethyl benzyl carbinol, alpha,alpha-Dimethylphenethanol, 2-Hydroxy-2-methyl-1-phenylpropane, 2-Methyl-1-phenyl-2-propanol
1733	N,N-Dimethylphenethylamine	4248	19342-01-9	
1734	2,2-Dimethylphenethyl caproate			
1735	Dimethyl phenethyl carbinyl acetate	2735	103-07-1	1,1-Dimethyl-3-phenylpropan-1-yl acetate, D.M.P.E.C. acetate, 2-Methyl-4-phenyl-2-butyl acetate
1736	alpha,alpha-Dimethylphenethyl formate	2395	10085-43-2	Benzyl dimethyl carbinyl formate, 2-Benzyl-2-propyl formate, Dimethyl benzyl carbinyl formate, DMBC formate

Sl.No.	Material Name	FEMA	CAS	Synonyms
1737	alpha,alpha-Dimethylphenethyl propionate		67785-77-7	Dimethyl benzyl carbonyl propionate
1738	2,2-Dimethylphenethyl tiglate			
1739	2,3-Dimethylphenol		526-75-0	
1740	2,4-Dimethyl-6-phenyldihydropyran		30310-41-9	
1741	Dimethyl phenylethyl carbonyl isobutyrate	2736	1031-71-7	Dimethyl phenethyl carbonyl isobutyrate, DMPEC isobutyrate, DMPEC 2-methylpropanoate, 2-Methyl-4-phenyl-2-butyl isobutyrate, 2-Methyl-4-phenyl-2-butyl 2-methylpropanoate, Phenylethyl dimethyl carbonyl isobutyrate
1742	2,2-Dimethyl-3-phenylpropionaldehyde		1009-62-7	3-Phenyl propyl dimethyl aldehyde
1743	2,4-Dimethyl-4-phenyltetrahydrofuran		82461-14-1	
1744	Dimethyl phthalate		131-11-3	DMP
1745	(3S,5R,8S)-3,8-Dimethyl-5-prop-1-en-2-yl-3,4,5,6,7,8-hexahydro-2H-azulen-1-one	4867		(-)-Guaia-1(5),11-dien-2-one
1746	3,5-Di(2-methylpropyl)-1,2,4-trithiolane		92900-67-9	
1747	4,6-Dimethyl-2H-pyran-2-one		675-09-2	
1748	2,3-Dimethylpyrazine	3271	5910-89-4	2,3-Dimethyl-1,4-diazine
1749	2,3-Dimethylpyrazine (natural)	3271	5910-89-4	
1750	2,5-Dimethylpyrazine	3272	123-32-0	2,5-Dimethyl-1,4-diazine, 2,5-Dimethylparadiazine, 2,5-Dimethylpiazine
1751	2,5-Dimethylpyrazine (natural)	3272	123-32-0	
1752	2,6-Dimethylpyrazine	3273	108-50-9	2,6-Dimethyl-1,4-diazine, 2,6-Dimethylparadiazine, 2,6-Dimethylpiazine
1753	2,6-Dimethylpyrazine (natural)	3273	108-50-9	
1754	2,5(2,6)-Dimethyl pyrazines		36731-40-5	
1755	2,3-Dimethylpyridine		583-61-9	
1756	2,4-Dimethylpyridine	4389	108-47-4	alpha,gamma-Dimethylpyridine
1757	2,6-Dimethylpyridine	3540	108-48-5	2,6-Lutidine
1758	3,4-Dimethylpyridine		583-58-4	
1759	3,5-Dimethylpyridine		591-22-0	
1760	2,5-Dimethylpyrrole		625-84-3	2,5-Dimethylazole
1761	2,4-Dimethyl(4H)pyrrolidino[1,2e]-1,3,5-dithiazine		116505-60-3	

Sl.No.	Material Name	FEMA	CAS	Synonyms
1762	2,3-Dimethylquinoxaline		2379-55-7	
1763	p-alpha-Dimethylstyrene	3144	1195-32-0	Dehydro-p-cymene, p-Isopropenyltoluene, 1-Methyl-4-isopropenylbenzene, 2-p-Tolylpropene
1764	Dimethyl succinate	2396	106-65-0	Dimethyl butanedioate, Methyl butanedioate, Methyl succinate
1765	Dimethyl sulfide	2746	75-18-3	Methyl sulfide, 2-Thiapropane
1766	Dimethyl sulfide (natural)	2746	75-18-3	
1767	2,5-Dimethyltetrahydrofuran		1003-38-9	
1768	2,5-Dimethyl-3-tetrahydrofuranthiol	3971	264-86-21-5	
1769	2,4,-Dimethyl-2-(1,1,4,4-tetramethyltetralinyl)-1,3-dioxolan		131812-67-4	2,4,-Dimethyl-2-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-1,3-dioxolane, 2,4,-Dimethyl-2-(1,1,4,4-tetramethyltetralin-6-yl)-1,3-dioxolane, 1,3-Dioxolane, 2,4,-dimethyl-2-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-
1770	Dimethyltetrasulfide		5756-24-1	
1771	3,6-Dimethyl-1,2,4,5-tetrathiane		67411-27-2	
1772	2,5-Dimethyl-3-tetrohydrofuryl ethanethioate	3972	252736-39-3	
1773	2,4-Dimethylthiazole		514-58-2	
1774	2,5-Dimethylthiazole	4035	4175-66-0	
1775	4,5-Dimethylthiazole	3274	3581-91-7	
1776	2,4-Dimethyl-3-thiazoline		60755-05-7	
1777	2,5-Dimethyl-3-thiofuroylfuran	3481	65505-16-0	S-(2,5-Dimethyl-3-furyl) thio-2-furoate
1778	2,5-Dimethyl-3-thioisovalerylfuran	3482	55764-28-8	S-(2,5-Dimethyl-3-furyl) thioisovalerate
1779	2,5-Dimethylthiophene		638-02-8	
1780	3,4-Dimethylthiophene	4645	632-15-5	
1781	2,6-Dimethylthiophenol	3666	118-72-9	2,6-Dimethylbenzenethiol, 2,6-Xylenethiol
1782	3,3-Dimethyl-5(2,2,3-trimethyl-3-cyclopenten-1-yl)-4-penten-2-ol		107898-54-5	
1783	Dimethyl trisulfide	3275	3658-80-8	Methyl trisulfide
1784	Dimethyl trisulfide (natural)	3275		
1785	3,5-Dimethyl-1,2,4-trithiolane	3541	23654-92-4	

Sl.No.	Material Name	FEMA	CAS	Synonyms
1786	(E)-6,10-Dimethylundeca-5,9-dien-2-one	3542	3796-70-1	Dihydropseudoionone, Geranyl acetone
1787	6,10-Dimethyl-5,9-undecadien-2-yl acetat (cis & trans)		3239-35-8	(E)-6,10-Dimethylundeca-5,9-dien-2-yl acetate, (E)-5-Tangerinol, 5,9-Undecadien-2-ol, 6,10-dimethyl-, acetate, (E)-
1788	6,10-Dimethyl-2-undecanone		1604-34-8	
1789	6,10-Dimethyl-9-undecen-2-one		1322-58-3	
1790	3,6-Dimethyl-3-vinyl-5-heptene-2-ol		85136-10-3	
1791	2,5-Dimethyl-2-vinyl-4-hexenal		56134-05-5	
1792	2,5-Dimethyl-2-vinyl-4-hexenenitrile		87384-47-9	
1793	4,7-Dimethyl-4-vinyl-6-octene-3-ol		85136-05-6	
1794	2,4-Dimethyl-5-vinylthiazole	3145	65505-18-2	
1795	Diocetyl adipate	4476	123-79-5	
1796	1,6-Dioxacycloheptadecan-7-one			
1797	4,6-Dioxo-5-isopropyltricyclododec-10-ene			Cyclolimettal
1798	Dipentyl malate			Diamyl malate
1799	Dipentyl malonate			
1800	Dipentyl sulfide		872-10-6	
1801	Diphenylamine		122-39-4	
1802	1,2-Diphenylethane		103-29-7	Dibenzyl
1803	Diphenyl ether	3667	101-84-8	Diphenyl oxide, Phenyl ether
1804	1,2-Diphenylethyl acetate		24295-35-0	
1805	Diphenyl malonate		1969-44-4	
1806	Diphenylmethane		101-81-5	
1807	1,3-Diphenyl-2-propanone	2397	102-04-5	Benzyl ketone, Dibenzyl ketone
1808	Di-(1-propenyl)-sulfide (mixture of isomers)	4386	65819-74-1	1-Propenylsulfanyl-propene
1809	1,1-Dipropoxyethane	4688	150-82-8	Acetaldehyde, dipropyl acetal, 1,1'-[Ethylidenebis(oxy)]bis[propane], Propane, 1,1'-[ethylidenebis(oxy)]bis-
1810	Dipropyl adipate	4473	106-19-4	Adipic acid, dipropyl ester, Dipropyl hexanedioate, Hexanedioic acid, dipropyl ester
1811	2,6-Dipropyl-5,6-dihydro-2H-thiopyran-3-carboxaldehyde	4822		3,6-Dihydro-2,6-dipropyl-2H-thiopyran-5-carboxaldehyde

Sl.No.	Material Name	FEMA	CAS	Synonyms
1812	Dipropylene glycol		25265-71-8	
1813	Dipropyl malate			
1814	Dipropyl malonate			
1815	Dipropyl sulfide		111-47-7	
1816	Dipropyl trisulfide	3276	6028-61-1	Propyl trisulfide
1817	Di-sec-butyl disulfide	4578	5943-30-6	Bis(1-methylpropyl) disulfide, 3,6-Dimethyl-4,5-dithiaoctane
1818	Disodium 5-guanylate	3668	09-12-5550	5'-Guanylic acid, disodium salt, Ribotide
1819	Disodium 5-guanylate (natural)	3668	09-12-5550	5-Guanylic acid disodium salt
1820	Disodium 5-inosinate	3669	4691-65-0	5'-Inosinic acid, disodium salt
1821	Disodium 5-inosinate (natural)	3669	4691-65-0	
1822	Disodium phosphate	2398	7558-79-4	Sodium phosphate, dibasic
1823	Disodium succinate	3277	150-90-3	Disodium butanedioic acid, Sodium succinate
1824	Disodium succinate (natural)	3277	150-90-3	
1825	2,5-Dithiahexane	4298	6628-18-8	1,2-Bis(methylmercapto)ethane
1826	spiro[2,4-Dithia-1-methyl-8-oxabicyclo[3.3.0]octane-3,3'-(1'-oxa-2'-methyl)cyclopentane	3270	38325-25-6	Hexahydro-2',3a-dimethylspiro[1,3]dithiolo(4,5-b)furan-2,3'(2'H)furan
1827	1,4-Dithiane	3831	505-29-3	Diethylene disulfide, 1,4-Dithiacyclohexane, p-Dithiane
1828	2,8-Dithianon-4-en-4-carboxaldehyde	3483	59902-01-1	Methialdol, 5-(Methylthio)-2-(methylthiomethyl)-2-pentenal
1829	2,2'-(Dithiodimethylene)-difuran	3146	4437-20-1	Difurfuryl disulfide, Difurfuryl disulphide, 2-Furfuryl disulfide
1830	2,2'-(Dithiodimethylene)-difuran (natural)	3146	4437-20-1	
1831	Dittany (fraxinella) roots (Dictamnus albus L.)		89998-27-6	Dictamnus albus, Fraxinella roots
1832	Dittany of Crete (Origanum dictamnus L.)	2399	89998-27-6	Cretan dittany, Origanum dictamnus L., Spanish hops
1833	Divanillin	4107		6,6'-dihydroxy-5,5'-dimethoxy-[1,1'-Biphenyl]-3,3'-dicarboxaldehyde
1834	trans,trans-2,4-Dodecadienal	3670	21662-16-8	(E,E)-2,4-Dodecadienal
1835	2-trans-6-cis-Dodecadienal	3637	21662-13-5	
1836	Dodeca-3,6-dienal		13553-09-8	
1837	trans,trans-2,4-Dodecadienal (natural)	3670	21662-16-8	

Sl.No.	Material Name	FEMA	CAS	Synonyms
1838	2,4-Dodecadien-1-ol		18485-38-6	
1839	Dodecahydrotetramethylnaphthofuran		3738-00-9	Tetramethylperhydronaphthofurane
1840	Dodecahydro-3 α ,6,6,9 α -tetramethylnaphtho (2,1-b) furan	3471	6790-58-5	Ambrofix, Ambroxan, Cetalox laevo, 1,5,5,9-Tetramethyl-13-oxatricyclo[8.3.0.0] tridecane, Tetramethylperhydronaphthofuran
1841	delta-Dodecalactone	2401	713-95-1	Dodecanolide-1,5, delta-n-Heptyl-delta-valerolactone
1842	delta-Dodecalactone (natural)	2401	713-95-1	
1843	epsilon-Dodecalactone	3610	16429-21-3	7-Hexyl-2-oxepanone
1844	gamma-Dodecalactone	2400	07-05-2305	Dodecanolide-1,4, gamma-n-Octyl-gamma-butyrolactone, 4-n-Octyl-4-hydroxybutanoic acid lactone
1845	gamma-Dodecalactone (natural)	2400	07-05-2305	
1846	Dodecanal diethyl acetal		53405-98-4	
1847	Dodecanal dimethyl acetal	4366	14620-52-1	1,1'-Bis(methoxy)dodecane, 1,1-Dimethoxydodecane, Lauryl aldehyde dimethyl acetal
1848	Dodecane		112-40-3	
1849	Dodecane nitrile		2437-25-4	
1850	Dodecanethiol	4581	112-55-0	1-Dodecanethiol, 1-Dodecyl mercaptan, Lauryl mercaptan
1851	2-Dodecanol		10203-28-8	
1852	2-Dodecenal	2402	4826-62-4	3-Nonylacrolein
1853	2-Dodecenal (natural)	2402	4826-62-4	
1854	cis-3-Dodecenal		68141-51-1	
1855	(Z)-4-Dodecenal	4036	30390-51-3	
1856	1-Dodecene		112-41-4	
1857	delta-Dodecen-9-lactone			
1858	gamma-Dodecen-6-lactone nature identical		18679-18-0	
1859	Dodecenoic acid		32466-54-9	
1860	11-Dodecenoic acid	4355	65423-25-8	
1861	2-Dodecen-1-ol		22104-81-0	
1862	9-Dodecen-5-olide	4445	15456-68-5	6-(Hept-4-en-1-yl)tetrahydro-2H-pyran-2-one, 5-Hydroxydec-9-enoic acid lactone

Sl.No.	Material Name	FEMA	CAS	Synonyms
1863	2-Dodecenyl acetate		38363-23-4	
1864	Dodecyl butyrate	4340	3724-61-6	n-Dodecyl butyrate
1865	Dodecyl isobutyrate	3452	6624-71-1	Dodecyl 2-methylpropanoate, Lauryl isobutyrate, Lauryl 2-methylpropanoate
1866	Dodecyl lactate	4482	6283-92-7	Lactic acid, dodecyl ester, Lauryl lactate, Propanoic acid, 2-hydroxy-, dodecyl ester
1867	Dodecyl propionate	4338	6221-93-8	Dodecyl propanoate, n-Dodecyl propionate
1868	Doggrass extract/oil (<i>Agropyron repens</i> (L.) Beauv.)	2403	84649-79-6	Agropyrum, Couch grass, Graminis, Quack grass, Quick grass
1869	Dragon's blood extract (<i>Daemonorops</i> spp. or other botanical sources)	2404	9000-19-5	Draco rubin extract
1870	D-Tyrosine		556-02-5	
1871	Dulse (<i>Rhodymenia palmata</i> (L.) Grev.)	2405		Rhodymenia palmata L.
1872	Ebanol	4775	67801-20-1	3-Methyl-5-(2,2,3-trimethylcyclopent-3-en-1-yl)pent-4-en-2-ol, 4-Penten-2-ol, 3-methyl-5-(2,2,3-trimethyl-3-cyclopenten-1-yl)-
1873	Echinacea extract (leaf & root)			
1874	all-trans 5,8,11,14-Eicosatetraenoic acid	4679	7771-44-0	Arachidonic acid
1875	Elderberry concentrate			
1876	Elderberry extract			
1877	Elderberry juice			
1878	Elder flowers absolute (<i>Sambucus canadensis</i> L. and <i>S. nigra</i> L.)		68916-55-2	
1879	Elder flowers extract (<i>Sambucus canadensis</i> L. and <i>S. nigra</i> L.)			
1880	Elder flowers oil (<i>Sambucus canadensis</i> L. or <i>S. nigra</i> L.)	2406	91722-58-6	<i>Sambucus canadensis</i> L.
1881	Elder tree leaves (<i>Sambucus nigra</i> L.)			
1882	Elecampane flowering tops oil (<i>Inula graveolens</i>)			
1883	Elecampane root, extract (<i>Inula helenium</i> L.)		840102-20-4	
1884	Elecampane root oil (<i>Inula helenium</i> L.)		1397-83-7	Allantroot oil, <i>Inula helenium</i>
1885	Elemi absolute		8023-89-0	
1886	Elemi oil/extract/resinoid (<i>Canarium commune</i> or <i>C. luzonicum</i> Miq.)	2408	8023-89-0	<i>Canarium indicum</i> L., Elemi resinoid
1887	Elemi resinoid (<i>Canarium</i> spp.)	2407	8023-89-0	

Sl.No.	Material Name	FEMA	CAS	Synonyms
1888	Elemol		639-99-6	
1889	Elemol (natural)		639-99-6	
1890	Enzyme-modified dairy products			
1891	Enzyme modified stevia, stevioside 20%	4876		
1892	(+/-)-2,8-Epithio-cis-p-menthane	4108		Thiocineole
1893	7,15-Epoxy-3-caryophyllene nature identical			
1894	2-3-Epoxy-cyclohexanone			
1895	2,3-Epoxydecanal	4659	10269-06-2	3-Heptyl oxirane-2-carboxaldehyde
1896	4,5-Epoxy-(E)-2-decenal	4037		
1897	Epoxyethylbenzene		96-09-3	Styrene oxide
1898	Epoxyguaiene		68071-23-8	
1899	2,3-Epoxyheptanal	4658	58936-30-4	3-Butyl oxirane-2-carboxaldehyde
1900	2,3-Epoxyoctanal	4657	42134-50-9	3-Pentyl oxirane-2-carboxaldehyde
1901	Epoxyoxophorone	4109	38284-11-6	
1902	5,6-Epoxy-2,6,10,10-tetramethyl bicyclo[7.2.0]undecane		1209-61-6	
1903	4-(1,2-Epoxy-2,6,6-trimethylcyclohexyl)-3-butenone-2		23267-57-4	
1904	Erythorbic acid	2410	89-65-6	Araboascorbic acid, d-erythro-3-Ketohexonic acid lactone, d-erythro-3-Oxohexonic acid lactone, Glucosaccharonic acid, Isoascorbic acid, Isovitamin C
1905	Erythritol	4819		(2R,3S)-Butane-1,2,3,4-tetrol, (2R,3S)-rel-1,2,3,4-Butanetetrol, Mesoerythritol, meso-Erythritol
1906	Estragole	2411	140-67-0	p-Allylanisole, Chavicyl methyl ether, Esdragol, Isoanethole, p-Methoxyallylbenzene, 1-Methoxy-4-(2-propenyl)benzene, Methyl chavicol
1907	Estragole (natural)	2411	140-67-0	
1908	Estragon absolute (Artemisia dracunculus)		8016-88-4	
1909	Estragon oil (Artemisia dracunculus)	2412	8016-88-4	Artemisia dracunculus L., Tarragon oil
1910	Estragon oleoresin		8016-88-4	
1911	1,2-Ethanedithiol	3484	540-63-6	1,2-Dimercaptoethane, Dithioglycol, Ethylene dimercaptan, Ethylene dithioglycol, Ethylene mercaptan

Sl.No.	Material Name	FEMA	CAS	Synonyms
1912	Ethane-1,1-dithiol	4111	26914-40-9	1,1-Ethanedithiol
1913	Ethanethioic acid,S-(2-methyl-3-furanyl) ester	3973		
1914	Ethanethiol	4258	75-08-1	Ethyl mercaptan, Ethyl thioalcohol, Mercaptoethane, Thioethanol, Thioethyl alcohol
1915	p-Ethoxybenzaldehyde	2413	10031-82-0	Homoanisaldehyde
1916	N-[(Ethoxycarbonyl)methyl]-p-menthane-3-carboxamide	4309	68489-14-5	[1R-(1.alpha.,2.beta.,5.alpha.)]-N-[[5-Methyl-2-(1-methylethyl)cyclohexyl]carbonyl glycine ethyl ester
1917	Ethoxycitronellal		3613-33-0	
1918	1-Ethoxy-3,7-dimethyl-2,6-octadiene		22882-89-9	3,7-Dimethyl-2,6-octadien-1-ethoxy, Ethyl neryl ether
1919	3-(1-Ethoxyethoxy)-3,7-dimethyl-1-octene		84029-93-6	
1920	1,2,3-tris((1-Ethoxy)ethoxy)propane	3593	67715-82-6	
1921	2-Ethoxyethyl acetate		111-15-9	
1922	2-Ethoxy-3-ethylpyrazine	4633	35243-43-7	
1923	2-Ethoxy-3-isopropylpyrazine	4632	72797-16-1	2-Ethoxy-3-(1-methylethyl) pyrazine
1924	4-Ethoxy-3-methoxybenzaldehyde		120-25-2	
1925	1-Ethoxy-2-methoxybenzene		17600-72-5	
1926	1-Ethoxy-4-methoxybenzene		5076-72-2	
1927	2-Ethoxy-4-(methoxymethyl)phenol		5595-79-9	
1928	alpha-Ethoxy-alpha-methoxytoluene			Benzaldehyde methyl ethyl acetal
1929	1-Ethoxy-3-methyl-2-butene	3777	22094-00-4	Ethyl 3-methyl-2-butenyl ether, Prenyl ethyl ether
1930	2-Ethoxy-9-methylene-2,6,6-trimethylbicyclo[3,3,1]nonane		68845-00-1	
1931	2-Ethoxy-4-methylphenol		07-07-2563	
1932	o-(Ethoxymethyl)phenol	3485	20920-83-8	
1933	3-Ethoxypropanal diethyl acetal		7789-92-6	
1934	2-Ethoxythiazole	3340	15679-91-3	Ethyl 2-thiazolyl ether, 2-Thiazolyl ethyl ether
1935	Ethyl 2-mercapto-2-methylpropionate	4714	33441-50-8	Ethyl 2-mercapto-2-methylpropanoate, Ethyl 2-methyl-2-sulfanylpropanoate, Propanoic acid, 2-mercapto-2-methyl-, ethyl ester

Sl.No.	Material Name	FEMA	CAS	Synonyms
1936	Ethyl abietate		631-71-0	
1937	Ethyl acetate	2414	141-78-6	Acetic ether, Ethyl ethanoate, Vinegar naphtha
1938	Ethyl acetate (natural)	2414	141-78-6	
1939	Ethyl acetoacetate	2415	414-97-9	Acetoacetic ester, Ethyl acetylacetate, Ethyl beta-ketobutyrate, Ethyl 3-oxobutanoate
1940	Ethyl acetoacetate ethyleneglycol ketal	4477	01-10-6413	Ethyl 2-methyl-1,3-dioxolane-2-acetate, Ethyl 2-(2-methyl-1,3-dioxolane)acetate, Ethyl (2-methyl-1,3-dioxolan-2-yl) acetate, Ethyl 3-oxobutyrate ethylene ketal, Jasmapunat, 2-Methyl-1,3-dioxolane-2-acetic acid ethyl ester
1941	Ethyl acetoacetate propylene glycol ketal		6290-17-1	Ethyl 2-(2,4-dimethyl-1,3-dioxolane)acetate
1942	p-Ethylacetophenone		937-30-4	
1943	Ethyl 3-acetoxyhexanoate		21188-61-4	
1944	Ethyl 6-acetoxyhexanoate		104986-28-9	
1945	(+/-)-Ethyl 3-acetoxy-2-methylbutrate	4038		
1946	Ethyl 5-acetoxyoctanoate	4443	35234-25-4	delta-Acetoxyoctanoic acid, ethyl ester, Ethyl 5-(acetyloxy)octanoate, Octanoic acid, 5-(acetyloxy)-, ethyl ester
1947	Ethyl 2-acetoxypropionate		2585-28-6	
1948	S-Ethyl 2-acetylaminoethanethioate	4039		
1949	Ethyl alpha-acetylcinnamate	4597	620-80-4	Butanoic acid, 3-oxo-2-(phenylmethylene)-, ethyl ester, Ethyl 2-benzylidene-3-oxobutanoate
1950	Ethyl 2-acetylhexanoate	4452	15140-29-0	alpha-Acetylcaproic acid ethyl ester, 2-Acetylhexanoic acid ethyl ester
1951	Ethyl 2-acetyloctanoate	4459	29214-60-6	2-Acetyloctanoic acid ethyl ester, Ethyl 2-acetylcaprylate, Ethyl 2-hexylacetoacetate, Ethyl 2-n-hexylacetoacetate
1952	Ethyl 2-acetyl-3-phenylpropionate	2416	620-79-1	Ethyl 2-acetyldihydrocinnamate, Ethyl alpha-acetylhydrocinnamate, Ethyl 2-benzylacetoacetate, Ethyl 3-oxo-2-benzylbutanoate
1953	1-Ethyl-2-acetylpyrrole	3147	39741-41-8	1-Ethyl-2-acetylazole
1954	Ethyl 4-(acetylthio)butyrate	3974	104228-51-5	
1955	Ethyl aconitate (mixed esters)	2417	1321-30-8	Ethyl 2-carboxyglutaconate, Ethyl 1-propene-1,2,3-tricarboxylate
1956	Ethyl acrylate	2418	140-88-5	Ethyl propenoate
1957	Ethyl acrylate (natural)	2418	140-88-5	

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1958	Ethyl alcohol	2419	64-17-5	Ethanol, Methyl carbinol
1959	Ethylamine	4236	75-04-7	
1960	Ethyl o-anisate		7335-26-4	Ethyl 2-methoxybenzoate
1961	Ethyl p-anisate	2420	94-30-4	Ethyl p-methoxybenzoate
1962	Ethyl p-anisate (natural)	2420		
1963	Ethyl anthranilate	2421	87-25-2	Ethyl 2-aminobenzoate, Ethyl o-aminobenzoate
1964	2-Ethylbenzaldehyde		22929-13-5	
1965	4-Ethylbenzaldehyde	3756	4748-78-1	p-Ethylbenzaldehyde
1966	Ethylbenzene		100-41-4	
1967	Ethyl benzoate	2422	93-89-0	Ethyl benzenecarboxylate
1968	Ethyl benzoate (natural)	2422	93-89-0	
1969	S-Ethyl benzothioate			
1970	Ethyl benzoylacetate	2423	94-02-0	Ethyl 3-phenyl-3-oxopropanoate
1971	alpha-Ethylbenzyl butyrate	2424	10031-86-4	Ethyl phenyl carbinyl butyrate, 1-Phenyl-1-propyl butyrate
1972	Ethyl benzyloxyacetate			
1973	2-Ethylbutan-1-ol		97-95-0	2-Ethyl-1-butanol
1974	Ethyl trans-2-butenoate	3486	623-70-1	Ethyl alpha-crotonate, Ethyl crotonate
1975	Ethyl trans-2-butenoate (natural)	3486	623-70-1	
1976	2-Ethylbutyl acetate	2425	10031-87-5	beta-Ethylbutyl acetate
1977	Ethyl-2-t-butylcyclohexylcarbonate		67801-64-3	Floramat
1978	Ethyl butyl malate			Butyl ethyl hydroxysuccinate
1979	Ethyl butyl sulfide		638-46-0	
1980	4-Ethyl-4-butyl-delta-valerolactone		67770-79-0	
1981	2-Ethylbutyraldehyde	2426	97-96-1	Diethylacetaldehyde, 2-Ethylbutanal
1982	Ethyl butyrate	2427	105-54-4	Ethyl butanoate
1983	Ethyl butyrate (natural)	2427	105-54-4	

Sl.No.	Material Name	FEMA	CAS	Synonyms
1984	2-Ethylbutyric acid	2429	88-09-5	Diethylacetic acid, alpha-Ethylbutyric acid
1985	Ethyl butyryllactate		71662-27-6	
1986	Ethyl carvacrol	2246	4732-13-2	Carvacryl ethyl ether, 2-Ethoxy-p-cymene, Ethyl carvacryl ether
1987	Ethyl cellulose		9004-57-3	
1988	Ethyl chlorothiolformate		2941-64-2	
1989	Ethyl chrysanthemumate		97-41-6	
1990	Ethyl cinnamate	2430	103-36-6	Ethyl phenylacrylate, Ethyl 3-phenylpropenoate
1991	Ethyl cinnamate (natural)	2430	103-36-6	
1992	Ethyl citral		41448-29-7	3,7-Dimethyl-2,6-nonadien-1-al
1993	Ethyl citronellate		26728-44-9	
1994	5-Ethyl-m-cresol		698-71-5	3-Methyl-5-ethyl phenol
1995	2-Ethyl crotonaldehyde		19780-25-7	
1996	Ethyl cyclohexanecarboxylate	3544	3289-28-9	
1997	Ethyl cyclohexanepropionate	2431	10094-36-7	Ethyl 3-cyclohexylpropanoate, Ethyl cyclohexylpropionate, Ethyl hexahydrophenylpropionate
1998	Ethyl 2-cyclohexylpropionate		2511-00-4	
1999	Ethyl trans-2,cis-4-decadienoate	3148	3025-30-7	
2000	Ethyl trans-2,cis-4-decadienoate (natural)	3148	3025-30-7	
2001	Ethyl decanoate	2432	110-38-3	Ethyl caprate, Ethyl decylate
2002	Ethyl decanoate (natural)	2432	110-38-3	
2003	Ethyl 2,4,7-decatrienoate	3832	78417-28-4	Ethyl deca-2,4,7-trienoate
2004	Ethyl trans-2-decenoate	3641	7367-88-6	
2005	Ethyl trans-4-decenoate	3642	76649-16-6	
2006	Ethyl 9-decenoate		67233-91-4	
2007	Ethyl decine carbonate		10519-17-2	
2008	Ethyl dehydrocyclogeranate		35044-57-6	
2009	Ethyl 4,5-dihydro-5-ethyl-2-methyl-3-furancarboxylate		97935-23-6	

Sl.No.	Material Name	FEMA	CAS	Synonyms
2010	N-Ethyl-2,2-diisopropylbutanamide	4557	51115-70-9	N,2-Diethyl-2-(isopropyl)-3-methylbutyramide
2011	4-Ethyl-2,6-dimethoxyphenol	3671	14059-92-8	4-Ethylsyringol
2012	8-Ethyl-1,5-dimethylbicyclo[3.2.1]octan-8-ol		84681-92-5	Huminol
2013	para-Ethyl-alpha,alpha-dimethyldihydrocinnamaldehyde		67634-14-4	
2014	3-Ethyl-8(or 9),11-dimethyl-2,4-dioxaspiro[5.5]undec-8-ene		71566-53-5	
2015	cis- and trans-Ethyl 2,4-dimethyl-1,3-dioxolane-2-acetate	4294	6290-17-1	Z- and E-Ethyl 2,4-dimethyl-1,3-dioxolane-2-acetate
2016	Ethyl 3,7-dimethyl-2,6-octadienoate		13058-12-3	
2017	2-Ethyl-4,5-dimethyloxazole	3672	53833-30-0	
2018	Ethyl 2,5-dimethyl-3-oxo-4(2H)-furyl carbonate	4546	39156-54-2	
2019	2-Ethyl-5,6-dimethylpyrazine	4434	15707-34-3	
2020	2-Ethyl-3,(5 or 6)-dimethylpyrazine (natural)	3149	13925-07-0	
2021	2-Ethyl-3,5-dimethylpyrazine	3149	13925-07-0	
2022	2-Ethyl-3,(5 or 6)-dimethylpyrazine	3149	13925-07-0	
2023	2-Ethyl-3,6-dimethylpyrazine	3149	13925-07-0	
2024	3-Ethyl-2,6-dimethylpyrazine	3150		2,6-Dimethyl-3-ethylpyrazine
2025	3-Ethyl-2,4-dioxaspiro[5.5]undec-8-ene		74235-28-2	
2026	Ethyl 2,4-dioxohexanoate	3278	13246-52-1	Ethyl 2,4-diketocaproate
2027	Ethyl 2-dodecenoate		28290-92-6	
2028	Ethylene brassylate	3543	105-95-3	Cyclo-1,13-ethylenedioxytridecan-1,13-dione, Ethyleneglycol tridecanedioic acid cyclic diester, Ethylene undecanedicarboxylate, Tridecanedioic acid cyclic ethylene glycol diester
2029	Ethylenediaminetetraacetic acid disodium salt	4520	6381-92-6	Acetic acid, (ethylenedinitrilo)tetra-,disodium salt, dihydrate, Disodium dihydrogen ethylenediaminetetraacetate dihydrate, Disodium EDTA dihydrate, Ethylenediaminetetraacetic acid disodium salt dihydrate
2030	Ethylene dodecanedioate		54982-83-1	Cyclic ethylene dodecanedioate, 1,4-Dioxacyclohexadecane-5,16-dione, Musk 144
2031	Ethylene glycol di-n-butyrate		105-72-6	
2032	Ethylene oxide	2433	75-21-8	Epoxyethane, 1,2-Epoxyethane, Oxirane

Sl.No.	Material Name	FEMA	CAS	Synonyms
2033	Ethyl 2-ethylacetoacetate		607-97-6	
2034	Ethyl N-ethylanthranilate	4115	38446-21-8	Diethyl anthranilate, Ethyl 2-ethylaminobenzoate, Ethyl (2-ethylaminophenyl)methanoate
2035	Ethyl 2-ethylbutyrate	4344	2983-38-2	Ethyl 2-ethylbutanoate, Ethyl alpha-ethylbutyrate
2036	Ethyl 2-ethyl-6,6-dimethyl-2-cyclohexenecarboxylate		57934-97-1	
2037	Ethyl 2-ethylhexanoate	4345	2983-37-1	Ethyl 2-ethylcaproate, Ethyl alpha-ethylcaproate, Irotyl
2038	Ethyl alpha-ethyl-beta-methyl-betaphenylglycidate	4653	19464-94-9	Ethyl trans-2-ethyl-3-methyl-3-phenyloxirane-2-carboxylate, Hydrocinnamic acid, alpha,beta-epoxyalpha-ethyl-beta-methyl-, ethyl ester, Oxiranecarboxylic acid, 2-ethyl-3-methyl-3-phenyl-, ethyl ester, trans-
2039	Ethyl 2-ethyl-3-phenylpropanoate	3341	2983-36-0	Ethyl 2-benzylbutyrate, Ethyl 2-ethyl-dihydrocinnamate
2040	Ethyl 3-(ethylthio)butyrate	4572	90201-28-8	Butanoic acid, 3-(ethylthio)-, ethyl ester, Ethyl 3-(ethylsulfanyl)butanoate
2041	Ethyl eugenol (eugenol ethyl ether)			
2042	Ethylfenchol	3491	18368-91-7	2-Ethyl-1,3,3-trimethyl-2-norbornanol
2043	2-Ethylfenchol		137255-07-3	2-Ethyl-1,3,3-trimethyl bicyclo[2.2.1]heptan-2-ol
2044	Ethyl formate	2434	109-94-4	Ethyl methanoate, Formic ether
2045	Ethyl formate (natural)	2434	109-94-4	
2046	Ethyl 5-formyloxydecanoate	4765		Decanoic acid, 5-(formyloxy)-, ethyl ester
2047	2-Ethylfuran	3673	3208-16-0	2-Ethylxole
2048	2-Ethylfuran (natural)			
2049	Ethyl furfuryl ether	4114	6270-56-0	
2050	Ethyl furfuryl sulfide		2024-70-6	
2051	Ethyl 3-(furfurylthio)propionate	3674	94278-27-0	
2052	Ethyl 2-furoate		614-99-3	
2053	Ethyl 3-(2-furyl) acrylate		623-20-1	
2054	(E)-Ethyl 3-(2-furyl)acrylate	4541	53282-12-5	(E)-Ethyl 3-(2-furyl)acrylate, (E)-Ethyl 3-(2-furyl)-2-propenoate, 2-Propenoic acid, 3-(2-furanyl)-, ethyl ester,(2E)-
2055	O-Ethyl S-(2-furylmethyl)thiocarbonate	4043	376595-42-5	
2056	Ethyl 3-(2-furyl) propanoate	2435	10031-90-0	Ethyl 2-furanpropionate, Ethyl furfurylacetate, Ethyl furylpropionate

Sl.No.	Material Name	FEMA	CAS	Synonyms
2057	Ethyl geranate		32659-21-5	
2058	4-Ethylguaiaicol	2436	2785-89-9	4-Ethyl-2-methoxyphenol, Homocresol, 1-Hydroxy-2-methoxy-4-ethylbenzene, 2-Methoxy-4-ethylphenol
2059	4-Ethylguaiaicol (natural)	2436	2785-89-9	
2060	Ethyl cis-4-heptenoate	3975	39924-27-1	Ethyl hept-4-enoate, (Z), 4-Heptanoic acid, ethyl ester, (Z)-
2061	Ethyl heptanoate	2437	106-30-9	Ethyl caproate nature identical, Ethyl heptoate, Ethyl heptylate
2062	Ethyl heptanoate (natural)	2437	106-30-9	
2063	2-Ethyl-2-heptenal	2438	10031-88-6	2-Ethyl-3-butylacrolein
2064	Ethyl 2-heptenoate		54340-72-6	
2065	Ethyl heptine carbonate		10519-20-7	
2066	Ethyl heptyl ketone	3966	928-80-3	3-Decanone
2067	2-Ethylhexaldehyde		123-05-7	2-Ethylhexanal
2068	2-Ethyl hexanal-DMA			
2069	2-Ethylhexanal ethylene glycol acetal		4359-47-1	2-(1-Ethylpentyl)-1,3-dioxolane, 2-(3-Heptyl)-1,3-dioxolane, Vertoxane
2070	2-Ethylhexanethiol	3833	7341-17-5	2-Ethylhexylmercaptan
2071	Ethyl hexanoate	2439	123-66-0	Ethyl caproate, Ethyl capronate
2072	Ethyl 5-hexanoate	3976		
2073	Ethyl hexanoate (natural)	2439	123-66-0	
2074	2-Ethylhexanoic acid		149-57-5	
2075	2-Ethyl-1-hexanol	3151	104-76-7	
2076	2-Ethyl-2-hexenal	4612	645-62-5	2-Ethylhexenal
2077	Ethyl 2-hexenoate	4613	1552-67-6	2-Hexenoic acid, ethyl ester
2078	Ethyl trans-2-hexenoate	3675	27829-72-7	Ethyl (E)-2-hexenoate
2079	Ethyl 3-hexenoate	3342	2396-83-0	
2080	Ethyl 3-hexenoate (natural)	3342	2396-83-0	
2081	Ethyl trans-3-hexenoate		26553-46-8	
2082	Ethyl cis-3-hexenoate	4112	64187-83-3	Ethyl (3Z)-hexenoate, Ethyl Z-3-hexenoate

Sl.No.	Material Name	FEMA	CAS	Synonyms
2083	2-Ethylhexyl acetate		103-09-3	
2084	2-Ethylhexyl benzoate	4630	5444-75-7	Benzoic acid, 2-ethylhexyl ester, 2-Ethyl-1-hexanol benzoate, Ethylhexyl benzoate, 1-Hexanol, 2-ethyl-, benzoate
2085	2-Ethylhexyl 2-cyano-3,3-diphenylacrylate		6197-30-4	Neo Heliopan 303 (Symrise)
2086	2-Ethylhexyl 3-mercaptopropionate	4588	50448-95-8	2-Ethylhexyl 3-mercaptopropanoate, 2-Ethylhexyl beta-mercaptopropionate, 3-Mercaptopropionic acid 2-ethylhexyl ester, Propanoic acid, 3-mercaptop-, 2-ethylhexyl ester
2087	Ethylhexyl palmitate		29806-73-3	
2088	2-Ethylhexyl p-methoxycinnamate		5466-77-3	Neo Heliopan Type AV (Symrise), Octyl methoxycinnamate
2089	2-Ethylhexyl propionate		6293-37-4	
2090	Ethylhexyl salicylate		118-60-5	Neo Heliopan OS (Symrise)
2091	1-Ethylhexyl tiglate	3676	94133-92-3	1-Ethylhexyl 2-methyl-2-butenolate, 1-Ethylhexyl 2-methylcrotonate, 3-Octyl 2-methyl-2-butenolate, 3-Octyl 2-methylcrotonate, 3-Octyl tiglate
2092	Ethyl 4-hydroxybenzoate		120-47-8	
2093	Ethyl 3-hydroxybutyrate	3428	5405-41-4	Ethyl 3-hydroxybutanoate, Ethyl beta-hydroxybutyrate
2094	Ethyl 3-hydroxybutyrate (natural)	3428	5405-41-4	
2095	Ethyl 2-hydroxycaproate		52089-55-1	
2096	3-Ethyl-2-hydroxy-2-cyclopenten-1-one	3152	21835-01-8	3-Ethyl-2-cyclopenten-2-ol-1-one
2097	Ethyl 5-hydroxydecanoate	4444	75587-06-3	Decanoic acid, 5-hydroxy-, ethyl ester
2098	Ethyl 2-hydroxyethyl sulfide	4562	110-77-0	Ethanol, 2-(ethylthio)-, Ethyl 2-hydroxyethyl thioether, 2-Ethylmercaptoethanol, 2-(Ethylthio)-1-ethanol
2099	Ethyl 3-hydroxyhexanoate	3545	2305-25-1	
2100	Ethyl-2-(4-hydroxy-3-methoxyphenyl)acetate	4810	60563-13-5	
2101	Ethyl 2-hydroxy-4-methylbenzoate		60770-00-5	
2102	(+/-)-Ethyl 2-hydroxy-2-methylbutyrate	4268	77-70-3	Ethyl 2-methylactate, 2-Hydroxy-2-methylbutyric acid ethyl ester
2103	(+/-)-Ethyl 3-hydroxy-2-methylbutyrate	4391	27372-03-8	
2104	1-Ethyl-4-(hydroxymethyl)cyclohexyl methanol		67663-05-2	
2105	3-Ethyl-2-hydroxy-4-methylcyclopent-2-en-1-one	3453	42348-12-9	3-Ethyl-4-methylcyclopent-2-en-1-one

Sl.No.	Material Name	FEMA	CAS	Synonyms
2106	5-Ethyl-2-hydroxy-3-methylcyclopent-2-en-1-one	3454	53263-58-4	5-Ethyl-3-methylcyclopent-2-en-1-one
2107	2-Ethyl-4-hydroxy-5-methyl-3(2H)-furanone	3623	27538-09-06	5-Ethyl-4-hydroxy-2-methyl-3(2H)furanone
2108	2-Ethyl-4-hydroxy-5-methyl-3(2H)-furanone (natural)	3623	27538-09-06	Ethyl furanone
2109	5-Ethyl-3-hydroxy-4-methyl-2(5H)-furanone	3153	698-10-2	2-Ethyl-3-methyl-4-hydroxydihydro-2,5-furan-5-one, 2-Hydroxy-3-methyl-gamma-2-hexenolactone, Maple furanone
2110	5-Ethyl-3-hydroxy-4-methyl-2(5H)-furanone (natural)	3153	698-10-2	
2111	(+/-)-Ethyl 2-hydroxy-3-methylvalerate	4269	24323-38-4	Ethyl 2-ethyl lactate, Ethyl 2-hydroxy-3-methylpentanoate, 2-Hydroxy-3-methylpentanoic acid ethyl ester
2112	Ethyl 3-hydroxyoctanoate	4453	7367-90-0	beta-Hydroxycaprylic acid ethyl ester, 3-Hydroxyoctanoic acid ethyl ester
2113	Ethyl 5-hydroxyoctanoate	4610	75587-05-2	
2114	Ethyl 2-hydroxy-3-phenylpropionate	4598	15399-05-0	Benzenepropanoic acid, alpha-hydroxy-, ethyl ester, Ethyl-2-hydroxy-3-phenylpropanoate
2115	Ethyl 3-hydroxy-3-phenylpropionate		5764-85-2	
2116	6- or 7-Ethylideneoctahydro-5,8-methano[2H]-1-benzopyran-2-one		69486-14-2	
2117	Ethyl isobutyrate	2428	97-62-1	Ethyl 2-methylpropanoate
2118	Ethyl isobutyrate (natural)	2428	97-62-1	
2119	Ethyl isocaproate nature identical			
2120	2-Ethyl-5-isopropoxy tricycloheptone		90530-04-4	Tricyclo{2,2,1.0(2,6)}heptone, 2 ethyl-5-isopropoxy
2121	Ethyl 3-isopropylbicyclo[2.2.1]hept-5-ene-2-carboxylate		116126-82-0	
2122	N-Ethyl-2-isopropyl-5-methylcyclohexanecarboxamide	3455	39711-79-0	Coolact WS-3, Cyclohexanecarboxamine, N-ethyl-5-methyl-2-(1-methylethyl)-, N-Ethyl-p-Menthane-3-carboxamide
2123	Ethyl isothiocyanate	4420	542-85-8	Ethyl mustard oil, Ethyl thioisocyanate, Isothiocyanatoethane
2124	Ethyl isovalerate	2463	108-64-5	Ethyl isopentanoate, Ethyl isovalerianate, Ethyl 3-methylbutanoate, Ethyl beta-methylbutyrate
2125	Ethyl isovalerate (natural)	2463	108-64-5	
2126	Ethyl lactate	2440	97-64-3	Ethyl 2-hydroxypropanoate, Ethyl alpha-hydroxypropionate
2127	Ethyl lactate (natural)	2440	97-64-3	
2128	Ethyl laurate	2441	106-33-2	Ethyl dodecanoate, Ethyl dodecylate

Sl.No.	Material Name	FEMA	CAS	Synonyms
2129	Ethyl laurate (natural)	2441	106-33-2	
2130	Ethyl levulinate	2442	539-88-8	Ethyl acetylpropanoate, Ethyl 4-ketovalerate, Ethyl laevulate, Ethyl 4-oxopentanoate
2131	Ethyl levulinate (natural)	2442	539-88-8	
2132	Ethyl levulinate propyleneglycol ketal	4479	57197-36-1	Ethyl 3-(2,4-dimethyl-1,3-dioxolan-2-yl)propanoate, 2-Methyl-1,3-dioxane-2-propanoic acid ethyl ester
2133	Ethyl linalool		10339-55-6	3,7-Dimethyl-1,6-nonadien-3-ol
2134	Ethyl linalyl acetate		61931-80-4	3,7-Dimethyl-1,6-nonadien-3-yl acetate
2135	Ethyl linalyl ether	4591	72845-33-1	3,7-Dimethylocta-1,6-dien-3-yl ethyl ether, 3-Ethoxy-3,7-dimethyl-1,6-octadiene, Linalool ethyl ether
2136	Ethyl linoleate		544-35-4	cis,cis-9,12-Octadecadienoate
2137	Ethyl linolenate		1191-41-9	
2138	Ethyl maltol	3487	08-11-4940	2-Ethyl-3-hydroxy(4H)pyran-4-one, 2-Ethylpyromeconic acid, Veltol Plus (Pfizer)
2139	Ethyl maltol isobutyrate	4534	852997-28-5	2-Ethyl-3-[(3-methylbut-1-en-2-yl)oxy]-4H-pyran-4-one
2140	Ethyl mercaptoacetate			
2141	(+/-) Ethyl 3-mercaptopbutyrate	3977		
2142	(+/-)-Ethyl 3-mercaptop-2-methylbutanoate	4392		
2143	Ethyl 2-mercaptopropionate	3279	19788-49-9	Ethyl thiolactate
2144	Ethyl 3-mercaptopropionate	3677	08-06-5466	Ethyl 3-thiopropionate
2145	O-Ethyl S-1-methoxyhexand-3-yl carbonothioate	4730		Carbonothioic acid, S S-[1-(2-methoxyethyl)butyl] O-ethyl ester
2146	Ethyl 3-(4-methoxyphenyl)glycidate		16546-01-3	Methoxy ethyl phenyl glycidate
2147	2-Ethyl-3-methoxypyrazine		25680-58-4	2-Methoxy-3-ethylpyrazine
2148	Ethyl N-methylantranilate	4116	35472-56-1	
2149	Ethyl 4-methylbenzoate		94-08-6	Ethyl 4-toluate
2150	cis- and trans-5-Ethyl-4-methyl-2-(2-butyl)-thiazoline	4318	83418-54-6	Z- and E-5-Ethyl-4-methyl-2-(2-butyl)-thiazoline
2151	Ethyl 2-methylbutyrate	2443	7452-79-1	Ethyl 2-methylbutanoate
2152	Ethyl 2-methylbutyrate (natural)	2443	7452-79-1	
2153	2-Ethyl-4-methyl-1,3-dioxolane		4359-46-0	

Sl.No.	Material Name	FEMA	CAS	Synonyms
2154	Ethyl methyl disulfide	4040	20333-39-5	2,3-Dithiapentane
2155	2-Ethyl-4-methyl-1,3-dithiolane	4870		
2156	Ethyl 2-(methylidithio)propionate	3834	23747-43-5	
2157	2-Ethyl-5-methylfuran		1703-52-2	
2158	Ethyl methyl-isobutylglycidate			
2159	2-Ethyl-(or methyl)-(3,5 or 6)-methoxypyrazine	3280	68739-00-4	2,5,or 6-Methoxy-3-ethylpyrazine, 2-Methyl-3,5 or 6-methoxypyrazine
2160	N-ethyl-5-methyl-2-(1-methylethenyl)cyclohexanecarboxamide	4808	1426229-32-4	
2161	2-Ethyl-N-methyl-N-(3-methyl phenyl)butyramide		406488-30-0	
2162	cis and trans-5-Ethyl-4-methyl-2-(2-methylpropyl)-thiazoline	4319	83418-53-5	Z- and E-5-Ethyl-4-methyl-2-(2-methylpropyl)-thiazoline
2163	Ethyl 2-methyl-2-methylthiopropionate		49773-24-2	
2164	Ethyl 4-methyloctanoate		56196-53-3	
2165	Ethyl 2-methyl-3,4-pentadienoate	3678	60523-21-9	
2166	Ethyl 2-methylpentanoate	3488	39255-32-8	Ethyl 2-methylvalerate
2167	Ethyl 3-methylpentanoate	3679	5870-68-8	Ethyl 3-methylvalerate
2168	Ethyl 4-methylpentanoate	4343	25415-67-2	Ethyl isocaproate, Ethyl isohexanoate, Ethyl 4-methylvalerate
2169	Ethyl trans-2-methyl-2-pentenoate	4290	1617-40-9	Ethyl (E)-2-methyl-2-pentenoate
2170	Ethyl 2-methyl-3-pentenoate	3456	1617-23-8	
2171	Ethyl 2-methyl-4-pentenoate	3489	53399-81-8	
2172	Ethyl 4-methyl-3-pentenoate		6849-18-9	
2173	Ethyl 2-methyl-6-pentyl-4-oxocyclohex-2-enecarboxylate		59151-19-8	
2174	Ethyl methylphenylglycidate	2444	77-83-8	Aldehyde C-16 pure (so called), EMPG, Ethyl 2,3-epoxy-3-methyl-3-phenylpropionate, Ethyl 2,3-epoxy-3-phenylbutyrate, Ethyl 3-methyl-3-phenylglycidate, Strawberry aldehyde
2175	Ethyl 3-(4-methylphenyl)glycidate		52788-71-3	Aldehyde C-20 (so-called), E-para-MPG, Ethyl p-tolylglycidate, p-Methyl EPG
2176	Ethyl 2-methyl-2-propenoate		97-63-2	
2177	Ethyl-2-methyl-5-propyl-4,5-dihydrofuran-3-carboxylate		109176-12-1	
2178	2-Ethyl-3-methylpyrazine	3155	15707-23-0	

Sl.No.	Material Name	FEMA	CAS	Synonyms
2179	2-Ethyl-5-methylpyrazine	3154	13360-64-0	2-Methyl-5-ethylpyrazine
2180	2-Ethyl-6-methylpyrazine	3919	13925-03-6	6-Methyl-2-ethylpyrazine
2181	5-Ethyl-2-methylpyridine	3546	104-90-5	2-Methyl-5-ethylpyridine
2182	2-Ethyl-4-methylthiazole	3680	15679-12-6	
2183	4-Ethyl-2-methylthiazole		32272-48-3	
2184	4-Ethyl-5-methylthiazole		52414-91-2	
2185	5-Ethyl-2-methylthiazole	4388	19961-52-5	
2186	2-Ethyl-4-methylthiazole (natural)	3680	15679-12-6	
2187	Ethyl 2-(methylthio)acetate	3835	4455-13-4	Ethyl 2-methylthioacetate
2188	Ethyl 3-(methylthio)butyrate	3836	233665-96-8	
2189	Ethyl 4-(methylthio)butyrate	3681	22014-48-8	
2190	Ethyl 5-(methylthio)pentanoate	3978	233665-98-0	
2191	2-Ethyl-5-methylthiophene		40323-88-4	
2192	Ethyl 3-(methylthio)-2-propenoate	4565	136115-65-6	Ethyl 3-(methylsulfanyl)-2-propenoate, 2-Propenoic acid, 3-(methylthio)-, ethyl ester
2193	Ethyl 3-(methylthio)-cis-2-propenoate	4563	136115-65-6	Ethyl 3-(methylthio)-(2Z)-propenoate, 2-Propenoic acid, 3-(methylthio)-, ethyl ester, (2Z)-
2194	Ethyl 3-(methylthio)-trans-2-propenoate	4564	136115-66-7	Ethyl 3-(methylthio)-(2E)-propenoate, 2-Propenoic acid, 3-(methylthio)-, ethyl ester, (2E)-
2195	Ethyl 3-methylthiopropionate	3343	13327-56-5	Ethyl methylmercaptopropionate
2196	Ethyl 3-methylthiopropionate (natural)	3343	13327-56-5	
2197	2-Ethyl-3-methylthiopyrazine	4631	72987-62-3	2-(Ethyl-3-(methylsulfanyl)pyrazine, 2-(Methylthio)-3-ethylpyrazine, 2-Methylthio-3-ethylpyrazine
2198	Ethyl methyl-p-tolylglycidate	3757	74367-97-8	Ethyl methyl-p-methylphenylglycidate, Ethyl 3-methyl-3-(4-methylphenyl)oxiranecarboxylate
2199	Ethyl myristate	2445	124-06-1	Ethyl tetradecanoate
2200	Ethyl myristate (natural)	2445	124-06-1	
2201	Ethyl nicotinate		614-18-6	Ethyl 3-pyridinecarboxylate
2202	Ethyl nitrite	2446	109-95-5	Nitrous ether, Spirit of nitrous ether, Sweet spirit of nitre

Sl.No.	Material Name	FEMA	CAS	Synonyms
2203	Ethyl nonanoate	2447	123-29-5	Ethyl nonylate, Ethyl pelargonate
2204	Ethyl nonanoate (natural)	2447	123-29-5	
2205	Ethyl 2-nonenoate			
2206	Ethyl 2-nonynoate	2448	10031-92-2	Ethyl octine carbonate
2207	Ethyl norbornylcyclohexanol		92046-48-5	
2208	Ethyl octadecanoate	3490	111-61-5	Ethyl stearate
2209	Ethyl cis-4,7-octadienoate	3682	69925-33-3	Ethyl (Z)-4,7-octadienoate
2210	Ethyl octahydro-4,7-methano[3aH]indene-3a-carboxylate		80657-64-3	Ethyl hexahydro-4,7-methanoindane-3a-carboxylate
2211	(+/-)-4-Ethyl octanal	4117		
2212	Ethyl octanoate	2449	106-32-1	Ethyl caprylate, Ethyl octylate
2213	Ethyl octanoate (natural)	2449	106-32-1	
2214	4-Ethyl octanoic acid	3800	16493-80-4	4-Ethylcaprylic acid
2215	Ethyl 2-octenoate	3643	2351-90-8	
2216	Ethyl 2-octenoate (trans)		7367-82-0	
2217	Ethyl 3-octenoate	4361	1117-65-3	Ethyl oct-3-enoate
2218	Ethyl trans-3-octenoate		26553-47-9	
2219	Ethyl cis-4-octenoate	3344	34495-71-1	
2220	Ethyl trans-4-octenoate		78989-37-4	
2221	Ethyl oleate	2450	111-62-6	Ethyl cis-9-octadecenoate
2222	Ethyl oleate (natural)	2450	111-62-6	
2223	Ethyl 5-oxodecanoate	4457	93919-00-7	5-Oxodecanoic acid ethyl ester
2224	Ethyl 3-oxohexanoate	3683	3249-68-1	Ethyl beta-ketohexanoate
2225	Ethyl palmitate	2451	628-97-7	Ethyl cetylrate, Ethyl hexadecanoate
2226	Ethyl palmitate (natural)	2451	628-97-7	
2227	Ethyl pentadecanoate		41114-00-5	
2228	Ethyl 2-pentenoate		2445-93-4	

Sl.No.	Material Name	FEMA	CAS	Synonyms
2229	Ethyl 4-pentenoate	4360	1968-40-7	Ethyl allylacetate, Ethyl pent-4-enoate
2230	2-Ethylphenol		90-00-6	
2231	3-Ethylphenol		620-17-7	
2232	p-Ethylphenol	3156	123-07-9	4-Hydroxyethylbenzene
2233	p-Ethylphenol (natural)	3156	123-07-9	
2234	Ethyl phenylacetate	2452	101-97-3	Ethyl alpha-toluate
2235	Ethyl phenylacetate (natural)	2452	101-97-3	
2236	Ethyl 4-phenylbutyrate	2453	10031-93-3	Ethyl 4-phenylbutanoate
2237	Ethyl phenyl carbonyl acetate		2114-29-6	
2238	Ethyl 3-phenylglycidate	2454	121-39-1	EPG, Ethyl alpha,beta-epoxy-beta-phenylpropionate, Ethyl phenylglycidate
2239	Ethyl 2-phenylpropionate		2510-99-8	
2240	Ethyl 3-phenylpropionate	2455	2021-28-5	Ethyl dihydrocinnamate, Ethyl hydrocinnamate
2241	Ethyl 3-phenylpropionate (natural)	2455	2021-28-5	
2242	Ethyl pivalate		3938-95-2	
2243	2-Ethyl-2-prenyl-3-hexenol		85136-06-7	
2244	Ethyl propanethioate		2432-42-0	
2245	Ethyl propionate	2456	105-37-3	Ethyl propanoate
2246	Ethyl propionate (natural)	2456	105-37-3	
2247	Ethyl propyl disulfide	4041	30453-31-7	
2248	Ethyl propyl sulfide		4110-50-3	
2249	Ethyl propyl trisulfide	4042		
2250	2-Ethylpyrazine	3281	13925-00-3	2-Ethyl-1,4-diazine
2251	2-Ethylpyridine		100-71-0	
2252	3-Ethylpyridine	3394	536-78-7	beta-Ethylpyridine, beta-Lutidine
2253	4-Ethylpyridine		536-78-7	

Sl.No.	Material Name	FEMA	CAS	Synonyms
2254	5-Ethylpyrrole-2-carbaldehyde			Ethyl-2-formylpyrrole
2255	1-Ethyl-2-pyrrolicarboxaldehyde	4317	2167-14-8	1-Ethyl-2-formylpyrrole, N-Ethyl-2-formylpyrrole, 1-Ethylpyrrole-2-aldehyde, 1-Ethyl-1H-pyrrole-2-carboxaldehyde, 1-Ethylpyrrole-2-carboxaldehyde, N-Ethylpyrrole-2-carboxaldehyde, Tea pyrrole
2256	Ethyl pyruvate	2457	617-35-6	Ethyl acetylformate, Ethyl 2-oxopropanoate, Ethyl pyroracemate, Ethyl alpha-ketopropionate
2257	Ethyl pyruvate (natural)	2457	617-35-6	
2258	Ethyl ricinoleate		55066-53-0	
2259	Ethyl salicylate	2458	118-61-6	Ethyl 2-hydroxybenzoate, Ethyl o-hydroxybenzoate, Sal ethyl, Salicylic ether
2260	Ethyl senecioate		638-10-8	Ethyl 3-methyl-2-butenate
2261	Ethyl sorbate	2459	2396-84-1	Ethyl 2,4-hexadienoate
2262	Ethyl 2,3,6,6-tetramethyl-2-cyclohexenecarboxylate (and isomers)		77851-07-4	
2263	5-Ethyl-2,3,4,5-tetramethyl-2-cyclohexen-1-one	3061	17369-60-7	
2264	5-Ethyl-3,4,5,6-tetramethyl-2-cyclohexen-1-one	3061	17369-61-8	
2265	2-Ethylthiazole		15679-09-1	
2266	Ethyl thioacetate	3282	625-60-5	
2267	(+/-)-3-(Ethylthio)butanol	4282	117013-33-9	
2268	Ethyl thiolbenzoate			
2269	Ethyl thiolpropionate			
2270	2-Ethylthiophene		872-55-9	
2271	5-Ethyl-2-thiophenecarboxaldehyde		36880-33-8	
2272	2-Ethylthiophenol	3345	4500-58-7	2-Ethylphenyl mercaptan
2273	3-(Ethylthio)propanol		18721-61-4	
2274	Ethyl tiglate	2460	5837-78-5	Ethyl trans-2-methyl-2-butenate, Ethyl trans-2-methylcrotonate
2275	Ethyl (p-tolyloxy)acetate	3157	67028-40-4	Ethyl cresoxyacetate, Vinegar naphtha (artificial)
2276	N-Ethyl trans-2-cis-6-nonadienamide	4113	608514-56-3	
2277	Ethyl 2,6,6-trimethylcyclohexa-1,3-diene-1-carboxylate		35044-59-8	
2278	Ethyl 2,3,6-trimethylcyclohexyl carbonate		93981-50-1	Carbonic acid, ethyl 2,3,6-trimethylcyclohexylester, Rholiate
2279	2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol		28219-61-6	Balinol, Sandolene, Sandranol

Sl.No.	Material Name	FEMA	CAS	Synonyms
2280	2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol (natural)		28219-61-6	
2281	Ethyl 3,5,5-trimethylhexanoate		67707-75-9	Melusat, 3,5,5-Trimethyl ethylcapronate
2282	3-Ethyl-2,5,6-trimethylpyrazine			
2283	2-Ethyl-3,5,6-trimethylpyrazine			
2284	Ethyl undecanoate	3492	627-90-7	Ethyl hendecanoate, Ethyl undecylate
2285	Ethyl undecanoate (natural)			
2286	Ethyl 10-undecenoate	2461	692-86-4	Ethyl undecylenate
2287	Ethyl valerate	2462	539-82-2	Ethyl pentanoate, Ethyl valerianate
2288	Ethyl valerate (natural)	2462	539-82-2	
2289	Ethyl vanillate		617-05-0	Ethyl 4-hydroxy-3-methoxybenzoate
2290	Ethyl vanillin	2464	121-32-4	Bourbonal, 3-Ethoxy-4-hydroxybenzaldehyde, Ethyl protal
2291	Ethylvanillin acetate		72207-94-4	
2292	Ethylvanillin beta-d-glucopyranoside	3801	122397-96-0	3-Ethoxy-4-(beta-glucopyranosyloxy)benzaldehyde, Glucoethylvanillin
2293	Ethylvanillin isobutyrate	3837	188417-26-7	2-Ethoxy-4-formylphenyl 2-methylpropanoate
2294	Ethylvanillin propylene glycol acetal	3838	68527-76-4	2-(3-Ethoxy-4-hydroxyphenyl)-4-methyl-1,3-dioxolane, 2-Ethoxy-4-(4-methyl-1,3-dioxolan-2-yl)phenol
2295	Ethyl vinyl ketone	3382	1629-58-9	1-Penten-3-one
2296	Ethyl vinyl ketone (natural)	3382		
2297	1-Ethynylcyclohexyl acetate		5240-32-4	
2298	Eucalyptol	2465	470-82-6	Cajeputol, Cineole, 1,8-Cineole, 1,8-Epoxy-p-menthane
2299	Eucalyptol (natural)	2465	470-82-6	
2300	Eucalyptus absolute (Eucalyptus globulus Labille)		8000-48-4	
2301	Eucalyptus camaludensis			
2302	Eucalyptus citriodora oil		129828-24-6	
2303	Eucalyptus concrete (Eucalyptus globulus Lab.)		8000-48-4	
2304	Eucalyptus corymbia oil (Eucalyptus corymbia)		8000-48-4	Eucalyptus extract

Sl.No.	Material Name	FEMA	CAS	Synonyms
2305	Eucalyptus dives oil (Eucalyptus dives Schau.)		90028-48-1	
2306	Eucalyptus leaf extract			
2307	Eucalyptus oil (Eucalyptus globulus Labille.)	2466	8000-48-4	
2308	Eucalyptus polybractea oil		91771-67-4	
2309	Eucalyptus radiata oil		92201-64-4	
2310	Eucalyptus smithii oil, rectified		91771-68-5	
2311	Eucalyptus smithii oil organic and conventional		91771-68-5	
2312	Eucalyptus staigeriana oil		91771-69-6	
2313	Eucalyptus terpenes			
2314	Eugenol	2467	97-53-0	4-Allylguaiacol, 4-Allyl-2-methoxyphenol, Eugenol, 4-Hydroxy-3-methoxy-1-allylbenzene, 1-Hydroxy-2-methoxy-4-(2-propenyl)benzene, 2-Methoxy-4-allylphenol
2315	Eugenol n-amyl ether			
2316	Eugenol n-heptyl ether			
2317	Eugenol n-hexyl ether			
2318	Eugenol isoamyl ether			
2319	Eugenol (natural)	2467	97-53-0	
2320	Eugenol tetrahydropyran		72066-75-2	
2321	Eugenyl acetate	2469	93-28-7	Acetyl eugenol, 4-Allyl-2-methoxyphenyl acetate, Eugenol acetate, 2-Methoxy-4-(2-propenyl)phenyl acetate, 2-Methoxy-4-(3-propenyl)phenyl acetate
2322	Eugenyl benzoate	2471	531-26-0	4-Allyl-2-methoxyphenyl benzoate, Benzoyl eugenol, Eugenol benzoate
2323	Eugenyl formate	2473	10031-96-6	4-Allyl-2-methoxyphenyl formate, Eugenol formate, 4-(2-Propenyl)-2-methoxyphenyl formate
2324	Eugenyl isovalerate	4118	6114-24-7	4-Allyl-2-methoxyphenyl 3-methylbutyrate
2325	Eugenyl methyl ether	2475	93-15-2	4-Allyl-1,2-dimethoxybenzene, 4-Allylveratrole, 3,4-Dimethoxyallylbenzene, 1,2-Dimethoxy-4-(2-propenyl)benzene, Eugenol methyl ether, Methyleugenol, o-Methyleugenol, Methyl eugenyl ether
2326	Eugenyl phenylacetate		10402-33-2	
2327	Evening primrose oil (Oenothera biennis)			

Sl.No.	Material Name	FEMA	CAS	Synonyms
2328	Everlasting oil			
2329	Exaltenone		14595-54-1	4-Cyclopentadecen-1-one
2330	alpha-Farnesene	3839	502-61-4	3,7,11-Trimethyl-1,3,6,10-dodecatetraene
2331	alpha-Farnesene (natural)	3839	502-61-4	
2332	beta-Farnesene		18794-84-8	7,11-Dimethyl-3-methylene-1,6,10-dodecatriene
2333	Farnesol	2478	4602-84-0	3,7,11-Trimethyl-2,6,10-dodecatrien-1-ol
2334	Farnesol (natural)	2478		
2335	Fenchol	2480	1632-73-1	2-Fenchanol, Fenchyl alcohol, 1,1,3-Trimethylbicyclo[2.2.1]heptanol-2, 1,3,3-Trimethylbicycloheptan-2-ol, 1,3,3-Trimethyl-2-norbornanol
2336	Fenchol (natural)	2480		
2337	Fenchone		1195-79-5	
2338	d-Fenchone	2479	4695-62-9	d-2-Fenchanone, 1,3,3-Trimethylbicyclo[2.2.1]heptan-2-one, d-1,3,3-Trimethyl-2-norbornanone, d-1,3,3-Trimethyl-2-norcamphanone
2339	d-Fenchone (natural)	2479	4695-62-9	
2340	l-Fenchone	4519	7787-20-4	L-1,3,3-Trimethylbicyclo[2.2.1]heptan-2-one
2341	Fennel absolute, sweet (Foeniculum vulgare Mill. var. dulce DC.)			
2342	Fennel, common (Foeniculum vulgare Mill.)	2481	84625-39-8	
2343	Fennel oil bitter (Foeniculum vulgare Miller)		8006-84-6	
2344	Fennel oil, sweet (Foeniculum vulgare Mill. var. dulce DC.)	2483	8006-84-6	
2345	Fennel extract/oleoresin, sweet (Foeniculum vulgare Mill var dulce DC.)		92623-75-1	
2346	Fennel, sweet (Foeniculum vulgare Mill. var. dulce DC.)	2482	8006-84-6	Finocchio, Florence fennel
2347	Fennel terpenes			
2348	Fenugreek (Trigonella foenum-graecum L.)	2484	68990-15-8	Fenugreek absolute
2349	Fenugreek extract (Trigonella foenum-graecum L.)	2485	84625-40-1	
2350	Fenugreek oleoresin (Trigonella foenum-graecum L.)	2486	84625-40-1	
2351	Ferrous L-lactate	4699	5905-52-2	L-2-Hydroxy-propanoic acid, iron (2+) salt dihydrate, Iron(II) (S)-2-hydroxy propanoate dihydrate, Propanoic acid, 2-hydroxy-, iron (2+) salt (2:1), (S)-

Sl.No.	Material Name	FEMA	CAS	Synonyms
2352	Ferulic acid		1135-24-6	4-Hydroxy-3-methoxycinnamic acid
2353	Fig concentrate (Ficus spp.)			
2354	Fig extract (Ficus spp.)			
2355	Fig leaf absolute (Ficus carica)		68916-52-9	
2356	Fir balsam (Abies balsamea (L.) Mill)		8021-28-1	
2357	Fir balsam absolute (Abies balsamea)		8007-47-4	
2358	Fir balsam, Oregon (Pseudotsuga taxifolia)		8050-89-3	Balsam fir, Oregon
2359	Fir balsam resin (Abies balsamea)		8021-28-1	
2360	Fir needle extract (Abies pectinata)		9128-34-2	
2361	Fir needle oil, Canadian (Abies balsamea)		8021-28-1	
2362	Fir needle oil, Siberian (Abies siberica)		8021-29-2	
2363	Fleabane oil (Erigeron canadensis)	2409	8007-27-0	Erigeron oil (Erigeron canadensis L.)
2364	Florantone T		774-55-0	
2365	Flouve absolute (Anthoxantum odoratum L.)		89957-44-8	
2366	Flouve oil (Anthoxantum odoratum L.)		68916-09-6	
2367	Formaldehyde cyclododecyl ethyl acetal		58567-11-6	
2368	Formaldehyde cyclododecyl methyl acetal		42604-12-6	
2369	Formaldehyde diethyl acetal		462-95-3	
2370	Formaldehyde dimethyl acetal		109-87-5	Dimethoxymethane, Methylal
2371	Formic acid	2487	64-18-6	Methanoic acid
2372	Formic acid (natural)	2487	64-18-6	
2373	2-Formyl-6,6-dimethylbicyclo[3.1.1]hept-2-ene	3395	564-94-3	Benihinal, Myrtenal
2374	Formylethyltetramethyltetralin		58243-85-9	6-Ethyl-7-formyl-1,1,4,4-tetramethyl-1,2,3,4-tetralin
2375	7-Formyl-5-isopropyl-2-methylbicyclo[2,2,2]oct-2-ene		67845-30-1	
2376	4-Formyl-2-methoxyphenyl 2-hydroxypropanoate	4606	930587-76-1	Vanillyl lactate
2377	Frangipani concrete/absolute (Plumeria alba)			Plumeria Alba oil

Sl.No.	Material Name	FEMA	CAS	Synonyms
2378	Fumaric acid	2488	110-17-8	Allomaleic acid, Allomalenic acid, Boletic acid, trans-Butenedioic acid, trans-1,2-Ethylenedicarboxylic acid
2379	Fumitory leaves oil (Fumeria officinalis)			
2380	3-Furaldehyde		498-60-2	
2381	Furan		110-00-9	
2382	2-Furanmethanethiol formate	3158	59020-90-5	Furfurylthiol formate
2383	4-[(2-Furanmethyl)thio]-2-pentanone	3840	180031-78-1	4-(Furan-2-ylmethylsulfanyl)pentane-2-one, 4-Furfurylthio-2-pentanone
2384	Furfural	2489	98-01-1	2-Formylfuran, Fural, 2-Furaldehyde, 2-Furancarbal, Furfuraldehyde, alpha-Furfuraldehyde, 2-Furylcarboxaldehyde, Pyromucic aldehyde
2385	Furfural diethyl acetal		13529-27-6	
2386	Furfural (natural)	2489	98-01-1	
2387	Furfural propyleneglycol acetal	4537	4359-54-0	2-(2-Furyl)-4-methyl-1,3-dioxolane
2388	Furfuryl acetate	2490	623-17-6	2-Furyl carbonyl acetate
2389	Furfuryl alcohol	2491	98-00-0	2-Furancarbinol, Furfuralcohol, 2-Furylcarbinol, alpha-Furylcarbinol, 2-Hydroxymethylfuran
2390	Furfuryl alcohol (natural)	2491	98-00-0	
2391	Furfuryl 2-butenolate		59020-84-7	
2392	Furfuryl butyrate		623-21-2	Furfuryl butanoate, 2-Furylmethyl butanoate
2393	Furfuryl decanoate	4539	39252-05-6	
2394	Furfuryl disulfide			
2395	3-Furfuryldithio-2-methylfuran nature identical			
2396	Furfuryl formate	4542	13493-97-5	Furfuryl alcohol, formate, 2-Furfuryl formate
2397	Furfuryl heptanoate		39481-28-2	
2398	Furfuryl hexanoate		39252-02-3	
2399	2-Furfurylidene butyraldehyde	2492	770-27-4	2-Ethyl-3-(2-furyl)-2-propenal, 2-Furfurylidenebutanal, 3-(2-Furyl)-2-ethylacrolein, 3-(2-Furyl)-2-ethyl-2-propenal
2400	2-Furfurylidene butyraldehyde (natural)	2492	770-27-4	
2401	Furfuryl isobutyrate			
2402	Furfuryl isopropyl sulfide	3161	1883-78-9	Isopropyl furfuryl sulfide

Sl.No.	Material Name	FEMA	CAS	Synonyms
2403	Furfuryl mercaptan	2493	98-02-2	2-Furanmethanethiol, alpha-Furfuryl mercaptan, 2-Furylmethanethiol
2404	Furfuryl mercaptan (natural)	2493	98-02-2	
2405	Furfuryl 2-methoxybutyrate		13678-61-0	
2406	Furfuryl 3-methylbutanoate	3283	13678-60-9	Furfuryl isovalerate
2407	Furfuryl 3-methylbutanoate (natural)			
2408	Furfuryl methyl ether	3159	13679-46-4	Methyl furfuryl ether
2409	Furfuryl 2-methyl-3-furyl disulfide	4119		3-Furfuryldithio-2-methylfuran
2410	Furfuryl 2-methylpropionate		6270-55-9	
2411	Furfuryl methyl sulfide	3160	1438-91-1	Methyl furfuryl sulfide
2412	Furfuryl methyl sulfide (natural)	3160	1438-91-1	
2413	alpha-Furfuryl octanoate	3396	39252-03-4	alpha-Furfuryl caprylate, 2-Furfuryl octanoate
2414	alpha-Furfuryl octanoate (natural)	3396	39252-03-4	Furfuryl octanoate
2415	Furfuryl propionate	3346	623-19-8	Furfuryl propanoate
2416	Furfuryl propionate (natural)	3346	623-19-8	
2417	Furfuryl propyl disulfide	3979		
2418	N-Furfurylpyrrole	3284	1438-94-4	1-(2-Furfuryl)pyrrole
2419	Furfuryl thioacetate	3162	13678-68-7	Furfurylthiol acetate
2420	Furfuryl thioacetate (natural)	3162	13678-68-7	
2421	1-(2-Furfurylthio)-propanone	4676	58066-86-7	1-(Furan-2-ylmethylsulfanyl)-propan-2-one, (Furfurylthio)acetone, 1-[(2-Furylmethyl)sulfanyl]acetone, 2-Propanone, 1-[(2-furanylmethyl)thio]-
2422	Furfuryl thiopropionate	3347	59020-85-8	
2423	Furfuryl valerate	3397	36701-10-6	Furfuryl pentanoate
2424	Furfuryl valerate (natural)			
2425	2-Furoic acid		88-14-2	2-Furancarboxylic acid
2426	3-(2-Furyl)acrolein	2494	623-30-3	2-Furanacrolein, Furylacrolein, 3-(2-Furyl)-2-propenal
2427	1-(2-Furyl)-1,3-butanedione		25790-35-6	Furoyl acetone, Pyromucyl acetone
2428	1-(2-Furyl)butan-3-one	4120	699-17-2	

Sl.No.	Material Name	FEMA	CAS	Synonyms
2429	4-(2-Furyl)-3-buten-2-one	2495	623-15-4	Furfuralacetone, Furfurylideneacetone
2430	4-(2-Furyl)-3-buten-2-one (natural)	2495	623-15-4	Furfuryl acetone
2431	2-Furyl methyl ketone	3163	1192-62-7	Acetylfuran, 2-Acetylfuran, Methyl 2-furyl ketone
2432	2-Furyl methyl ketone (natural)	3163	1192-62-7	2-Acetylfuran, Acetylfuran, Methyl 2-furyl ketone
2433	(2-Furyl)-2-propanone	2496	6957-60-6	Furfuryl methyl ketone, Furylacetone, Methyl furfuryl ketone
2434	Fusel oil, refined	2497	8013-57-0	
2435	Galanga, greater (Alpinia galanga Willd.)			
2436	Galangal root (Alpinia spp.)	2498	8024-40-6	Alpinia spp.
2437	Galangal root extract (Alpinia spp.)	2499	8024-40-6	
2438	Galanga root oil (Alpinia spp.)	2500	8024-40-6	
2439	Galbanum absolute (Ferula galbaniflua)		8023-91-4	
2440	Galbanum extract (resinoid) (Ferula galbaniflua)	2502	9000-24-2	Galbanum resin (Ferula spp.)
2441	Galbanum oil (Ferula galbaniflua)	2501	8023-91-4	Ferula gummosa Boiss., Ferula spp.
2442	Galbanum oil, terpeneless (Ferula galbaniflua)	2501	68916-54-1	
2443	Gambir (Uncaria gambir Roxb.)		8001-48-7	
2444	gamma-Aminobutyric acid: Linoleic acid conjugates	4821		GABA:Linoleic acid conjugates
2445	gamma-Methyl ionone		127-51-5	
2446	Gardenia gummifera distillate	4265	853947-47-4	Gardenia gummifera L.
2447	Gardenia oil (Gardenia jasminoides Ellis)		92457-01-7	Gardenia ssp
2448	Garlic oil (Allium sativum L.)	2503	8000-78-0	
2449	Garlic extract/oleoresin (Allium sativum L.)		8000-78-0	Allium sativum
2450	Gellan gum		71010-52-1	Kelcogel
2451	Geneppi (Artemisia spicata Wulf.)			Artemisia spicata
2452	Genet absolute (Spartium junceum L.)	2504	8023-80-1	
2453	Genet extract (Spartium junceum L.)	2505	90131-21-8	Broom extract, Spartium junceum L.
2454	Gentian root extract (Gentiana lutea L.)	2506	72968-42-4	

Sl.No.	Material Name	FEMA	CAS	Synonyms
2455	Gentian, stemless (<i>Gentiana acaulis</i> L.)		90045-30-0	
2456	Geranic acid	4121	459-80-3	
2457	Geraniol	2507	106-24-1	2,6-Dimethyl-2,6-octadien-8-ol, trans-3,7-Dimethyl-2,6-octadien-1-ol
2458	Geraniol ethyl acetal		38019-89-5	
2459	Geraniol (natural)	2507	106-24-1	
2460	Geranium absolute			
2461	Geranium concrete			
2462	Geranium, East Indian, extract (<i>Cymbopogon martini</i> Stapf.)		84649-81-0	
2463	Geranium, East Indian, oil (<i>Cymbopogon martini</i> Stapf.)		8014-19-5	
2464	Geranium extract (<i>Pelargonium</i> spp.)		8000-46-2	
2465	Geranium oil, African (<i>Pelargonium graveolens</i>)		8000-46-2	
2466	Geranium oil, Bourbon (<i>Pelargonium graveolens</i>)		8000-46-2	
2467	Geranium oil, Chinese (<i>Pelargonium</i> spp.)		8000-46-2	
2468	Geranium rose oil (<i>Pelargonium graveolens</i> L'Her.)	2508	8000-46-2	<i>Pelargonium</i> spp.
2469	Geranium rose oil organic and conventional		8000-46-2	
2470	Geranium terpeneless		68916-44-9	
2471	Geranyl acetate	2509	105-87-3	trans-3,7-Dimethyl-2,6-octadien-1-yl acetate, trans-3,7-Dimethyl-2,6-octadien-1-yl ethanoate, Geranyl ethanoate
2472	Geranyl acetate (natural)	2509	105-87-3	
2473	Geranyl acetoacetate	2510	10032-00-5	trans-3,7-Dimethyl-2,6-octadien-1-yl acetoacetate, trans-3,7-Dimethyl-2,6-octadien-1-yl 3-oxobutanoate, Geranyl beta-ketobutyrate, Geranyl 3-oxobutanoate
2474	Geranyl anthranilate		67874-69-5	
2475	Geranyl benzoate	2511	94-48-4	trans-3,7-Dimethyl-2,6-octadien-1-yl benzoate, Geraniol benzoate
2476	Geranyl butyrate	2512	106-29-6	trans-3,7-Dimethyl-2,6-octadien-1-yl butanoate
2477	Geranyl butyrate (natural)	2512	106-29-6	
2478	Geranyl caprylate		51532-26-4	
2479	Geranyl caprylate (natural)		51532-26-4	

Sl.No.	Material Name	FEMA	CAS	Synonyms
2480	Geranyl crotonate		56172-46-4	3,7-Dimethyl-6-octenyl 2-butenate
2481	Geranyl dihydrolinalool		70851-60-4	Pseudophytol
2482	Geranyl ethyl ether		40267-72-9	Ethyl geranyl ether
2483	Geranyl formate	2514	105-86-2	trans-3,7-Dimethyl-2,6-octadien-1-yl formate, trans-3,7-Dimethyl-2,6-octadien-1-yl methanoate, Geranyl methanoate
2484	Geranyl formate (natural)	2514	105-86-2	
2485	Geranyl geraniol (all-trans)		24034-73-9	
2486	Geranyl hexanoate	2515	10032-02-7	trans-3,7-Dimethyl-2,6-octadien-1-yl hexanoate, Geranyl caproate
2487	Geranyl hexanoate (natural)	2515	10032-02-7	
2488	Geranyl isobutyrate	2513	2345-26-8	trans-3,7-Dimethyl-2,6-octadien-1-yl isobutyrate, trans-3,7-Dimethyl-2,6-octadien-1-yl 2-methylpropanoate, Geranyl 2-methylpropanoate
2489	Geranyl isobutyrate (natural)	2513	2345-26-8	
2490	Geranyl isovalerate	2518	109-20-6	trans-3,7-Dimethyl-2,6-octadien-1-yl isopentanoate, trans-3,7-Dimethyl-2,6-octadien-1-yl isovalerate, trans-3,7-Dimethyl-2,6-octadien-1-yl 3-methylbutanoate, Geranyl isopentanoate, Geranyl isovalerianate, Geranyl 3-methylbutanoate
2491	Geranyl isovalerate (natural)	2518	109-20-6	
2492	Geranyl linalool		1113-21-9	3,7,11,15-Tetramethyl-1,6,10,14-hexadecatetraen-3-ol
2493	Geranyl 2-methylbutyrate	4122	68705-63-5	
2494	Geranyl nitrile		65405-73-4	3,7-Dimethyl-2,6-octadienyl nitrile
2495	Geranyloxyacetaldehyde		5146-66-7	
2496	Geranyl phenylacetate	2516	102-22-7	trans-3,7-Dimethyl-2,6-octadien-1-yl phenylacetate, Geranyl alpha-toluate
2497	Geranyl propionate	2517	105-90-8	trans-3,7-Dimethyl-2,6-octadien-1-yl propanoate, trans-3,7-Dimethyl-2,6-octadien-1-yl propionate, Geranyl propanoate
2498	Geranyl propionate (natural)	2517	105-90-8	
2499	Geranyl tiglate	4044	7785-33-3	
2500	Geranyl undecylenate		68892-05-7	
2501	Geranyl valerate	4123	10402-47-8	Geranyl pentanoate
2502	1(10),4(14),5-Germacratriene		23986-74-5	

Sl.No.	Material Name	FEMA	CAS	Synonyms
2503	Germacrene-D		37839-63-7	1-Methyl-5-methylene-8-(1-methylethyl)-1,6-cyclodecadiene
2504	Germander, chamaedrys (Teucrium chamaedrys L.)			Teucrium chamaedrys
2505	Germander, chamaedrys, extract (Teucrium chamaedrys L.)			
2506	Germander, chamaedrys, extract solid (Teucrium chamaedrys L.)			
2507	Germander, golden (Teucrium polium L.)			
2508	Ghatti gum (Anogeissus latifolia Wall.)	2519	9000-28-6	Anogeissus latifolia Wall., Indian gum
2509	Ginger (Zingiber officinale Rosc.)	2520	84696-15-1	
2510	Ginger distillate			
2511	Ginger extract (Zingiber officinale)	2521	84696-15-1	
2512	Ginger mint oil	4811	1505459-14-2	
2513	Ginger oil (Zingiber officinale Rosc.)	2522	07-08-8007	
2514	Ginger oleoresin (Zingiber officinale Rosc.)	2523	84696-15-1	
2515	Ginger, terpeneless		07-08-8007	
2516	Ginkgo leaf extract			
2517	Ginseng extract			
2518	N-Gluconyl ethanolamine	4254	686298-93-1	Gluconic acid ethanolamine, N-(2-Hydroxyethyl)-gluconamide, N-(2-Hydroxyethyl)-hexonamide (ethanolamine), 2,3,4,5,6-Pentahydroxy-N-(2-hydroxyethyl)-hexanamide
2519	N-Gluconyl ethanolamine phosphate	4255	791807-20-0	Gluconic acid ethanolamine phosphate, N-(2-Hydroxyethyl)-hexonamide phosphate, 2-[(2,3,4,5,6-Pentahydroxyhexanoyl)amino]ethyl dihydrogen phosphate, 2,3,4,5,6-Pentahydroxy-N-(2-hydroxyethyl)hexanamide phosphate
2520	Glucose pentaacetate	2524	3891-59-6	alpha-Pentaacetyl-dextro-glucose, 1,2,3,4,6-Pentaacetyl-alpha-D-glucose, Pentaacetylglucose
2521	Glucosylated rubus suavissimus extract glucosylated rubusoside glycosides	4800	1268518-76-8	
2522	Glucosylated stevia extract	4845		
2523	L-Glutamic acid	3285	56-86-0	alpha-Aminoglutaric acid
2524	L-Glutamic acid (natural)	3285	56-86-0	
2525	L-Glutamine	3684	56-85-9	2-Aminoglutaramic acid, Glutamic acid 5-amide

Sl.No.	Material Name	FEMA	CAS	Synonyms
2526	L-Glutamine (natural)	3684	56-85-9	
2527	Glutamyl-valyl-glycine	4709		L-gamma-Glutamyl-L-valyl-glycine, N-(N-L-gamma-Glutamyl-L-valyl)-glycine
2528	Glycerol	2525	56-81-5	Glycerine, 1,2,3-Propanetriol, Trihydroxypropane
2529	Glycerol ester of rosin	4226	8050-30-4	
2530	Glycerol ester of wood rosin		8050-30-4	
2531	Glyceryl 5-hydroxydecanoate	3685	26446-31-1	
2532	Glyceryl 5-hydroxydodecanoate	3686	26446-32-2	
2533	Glyceryl-lacto esters of fatty acids	4124		
2534	Glyceryl monooleate	2526	111-03-5	1-Glyceryl monooleate, Monoolein
2535	Glyceryl monostearate	2527	123-94-4	Glyceryl monoctadecanoate, 1-Glyceryl monostearate, alpha-Monostearin, Monostearin
2536	Glyceryl tribenzoate	3398	614-33-5	tri-Benzoin, 1,2,3-Propanetriol tribenzoate
2537	Glyceryl tripropanoate	3286	139-45-7	Tripropionin
2538	Glycine	3287	56-40-6	Aminoacetic acid, Aminoethanoic acid, Glycocol
2539	Glycyrrhizic acid		1405-86-3	
2540	Glycyrrhizin, ammoniated (Glycyrrhiza spp.)	2528	53956-04-0	Ammoniated glycyrrhizin
2541	Glyoxal		107-22-2	Ethanedial
2542	Golden Flax Oil			
2543	Gooseberry extract		90045-41-3	
2544	Grains of paradise (Aframomum melegueta (Rosc.) K. Schum.)	2529	90320-21-1	Aframomum melegueta Rosc., Amomum graum paradisi
2545	Grape essence (Vitis vinifera)			
2546	Grapefruit concentrate (Citrus paradisi)			
2547	Grapefruit essence (Citrus paradisi)			
2548	Grapefruit essence oil (Citrus paradisi Macf.)	4846		Citrus paradisi Macf. essence oil
2549	Grapefruit extract (Citrus paradisi)			
2550	Grapefruit juice (Citrus paradisi)			
2551	Grapefruit oil, expressed (Citrus paradisi Macf.)	2530	8016-20-4	Citrus maxima, Citrus paradisi Macf. grapefruit oil

Sl.No.	Material Name	FEMA	CAS	Synonyms
2552	Grapefruit oil terpeneless (Citrus paradisi MacF.)		90045-43-5	
2553	Grapefruit oil, terpeneless (Citrus paradisi Macf.)	4847		Citrus paradisi
2554	Grapefruit terpenes			
2555	Grapefruit terpenes	4851		Citrus paradisi Macf., terpenes
2556	Grape juice (Vitis vinifera)			
2557	Grape seed oil/extract (Vitis vinifera)	4045	8024-22-4	
2558	Grape skin extract/oil (Vitis vinifera)			
2559	Great burdock (Arctium majus Bernh.)			Arctium majus
2560	Green apple distillate			
2561	Green rooibos extract			
2562	Green tea leaf extract			
2563	Grisalva		68611-23-4	
2564	Guaiac gum extract (Guaiacum spp.)	2531	8052-39-9	
2565	Guaiacol	2532	90-05-1	<i>o</i> -Hydroxyanisole, 1-Hydroxy-2-methoxybenzene, <i>o</i> -Methoxyphenol, <i>O</i> -Methylcatechol, Pyrocatechol monomethylether
2566	Guaiacol allyl ether		4125-43-3	
2567	Guaiacol butyrate	4607	4112-92-9	Butanoic acid, 2-methoxyphenyl ester, Butyric acid, <i>o</i> -methoxyphenyl ester, 2-Methoxyphenyl butyrate
2568	Guaiacol isobutyrate	4608	723759-62-4	2-Methoxyphenyl-2-methyl propanoate, Propanoic acid, 2-methyl-, 2-methoxyphenyl ester
2569	Guaiacol (natural)	2532	90-05-1	
2570	Guaiacol propionate	4609	7598-60-9	2-Methoxyphenyl propionate, Phenol, <i>o</i> -methoxy-, propionate, Propionic acid, <i>o</i> -methoxyphenyl propionate
2571	Guaiac wood extract (Guaiacum spp.)	2533	8052-39-9	
2572	Guaiac wood oil (Bulnesia sarmienti Lor.)	2534	8016-23-7	
2573	Guaiacyl acetate	3687	613-70-7	1-Acetoxy-2-methoxybenzene, Acetyl guaiacol, <i>o</i> -Methoxyphenyl acetate
2574	Guaiacyl phenylacetate	2535	4112-89-4	Guaiacol phenylacetate, <i>o</i> -Methoxyphenyl acetate, <i>O</i> -Methylcatechol acetate (phenylacetate)

Sl.No.	Material Name	FEMA	CAS	Synonyms
2575	Guaiene		88-84-6	1,4-Dimethyl-7-isopropenyl-delta,9,10-Octahydroazulene
2576	Guaiol acetate		134-28-1	1,4-Dimethyl-7-(alpha-hydroxy-isopropyl)-delta-9,10-octahydroazulene acetate, Guaic acetate, Guaicwood acetate, Guai-1-en-11-ol acetate, Guaiyl acetate, Octahydro-alpha,alpha,3,8-tetramethyl-5-azulene methylacetate
2577	Guanabana distillate			
2578	5-Guanilic acid		85-32-5	
2579	Guarana extract (Paullinia cupana HBK)	2536		
2580	Guarana seed extract(Paullinia cupana HBK)			
2581	Guar gum (Cyamopsis tetragonolobus L.)	2537	9000-30-0	Burtonite v-7-e, Cyamopsis tetragonolobus L., Guar flour, Gum cyamopsis, Jaguar, Regonal
2582	Guava (Psidium spp.)		91770-12-6	
2583	Guava concentrate		90045-46-8	
2584	Guava extract			
2585	Guava juice			
2586	Guava Treatarome			
2587	Gum arabic	2001	05-01-9000	Acacia gum
2588	Gum arabic, hydrogen octenylbutane dioate	4227		
2589	Gurjun balsam (Dipterocarpus spp.)		8030-55-5	
2590	Gurjun balsam oil (Dipterocarpus spp.)		8030-55-5	
2591	Hassaku oil (Citrus hassaku hort. ex Tanaka)	4858		Citrus hassaku hort. ex Tanaka oil
2592	Haw bark extract (black) (Viburnum prunifolium L.)	2538	84929-54-4	
2593	Hay absolute		8031-00-3	Foin
2594	Hay oil, molecular distilled			
2595	Hazelnut extract/oil (Corylus avellana L.)		84012-21-5	
2596	Hazelnut extract/absolute (Corylus avellana L.)		84012-21-5	
2597	Hazelwort (Asarum europaeum L.)		89957-74-4	Asarum europaeum
2598	Heather absolute (Erica cinerea)		90028-38-9	
2599	Heather, common (Calluna vulgaris L. Hull.)		84603-54-3	Calluna vulgaris
2600	Hedychium spicatum root oil		93455-95-9	

Sl.No.	Material Name	FEMA	CAS	Synonyms
2601	Helichryse oil			
2602	Helichrysum absolute (Helichrysum angustifolium)		8023-95-8	
2603	Helichrysum flower (Helichrysum angustifolium) oil, Balkans		90045-56-0	
2604	Helichrysum flower oil (Helichrysum angustifolium)		8023-95-8	
2605	Helichrysum flowers concrete, Spain (Helichrysum angustifolium Stoechas (L.) Moench)		91845-22-6	
2606	Helichrysum flowers (Helichrysum angustifolium) oil, Spain		91845-22-6	
2607	Heliopsis longipes extract	4220		
2608	Heliotropin	2911	120-57-0	Dioxymethyleneprotocatechuic aldehyde, 3,4-Methylenedioxybenzaldehyde, Piperonal, Piperonyl aldehyde, Protocatechualdehyde methylene ether
2609	Heliotropin acetate	2912	326-61-4	Heliotropyl acetate, 3,4-Methylenedioxybenzyl acetate, Piperonyl acetate
2610	Heliotropin DEA		40527-42-2	5-Diethoxymethyl-1,3-benzodioxole, Heliotropin diethyl acetal
2611	Heliotropin (natural)	2911	120-57-0	
2612	Heliotropyl alcohol		495-76-1	
2613	Heliotropyl n-butyrate			
2614	Heliotropyl propionate			
2615	Hemlock needles and twigs (Tsuga spp.)			Tsuga spp.
2616	Hemlock (Picea alba)			
2617	Hemp seed oil			
2618	1-Heptadecanol		1454-85-9	
2619	2-Heptadecanone		2922-51-2	
2620	Heptadeca-2,5,8,11-tetraenal			
2621	trans,trans-2,4-Heptadienal	3164	05-03-4313	
2622	trans,trans-2,4-Heptadienal (natural)	3164	05-03-4313	
2623	2,4-Heptadien-1-ol		33467-79-7	
2624	Hepta-1,5-lactone		3301-90-4	

Sl.No.	Material Name	FEMA	CAS	Synonyms
2625	gamma-Heptalactone	2539	105-21-5	Heptanolide-1,4, gamma-n-Propyl-gamma-butyrolactone, 4-n-Propyl-4-hydroxybutanoic acid lactone
2626	gamma-Heptalactone (natural)	2539	105-25-5	
2627	Heptaldehyde ethylene glycol acetal		1708-34-5	2-Hexyl-1,3-dioxolane, Ylamone
2628	Heptanal	2540	111-71-7	Aldehyde C-7, Enanthal, Enanthaldehyde, Heptaldehyde, Heptyl aldehyde, Oenanthal
2629	Heptanal dimethyl acetal	2541	10032-05-0	1,1-Dimethoxyheptane, Enanthal dimethyl acetal, Heptaldehyde dimethyl acetal, Oenanthal dimethyl acetal
2630	Heptanal glyceryl acetal	2542	10037-05-0	Heptaldehyde glyceryl acetal, 2-Hexyl-5-hydroxy-1,3-dioxane, 5-Hexyl-2-hydroxymethyl-1,4-dioxolane, 2-Hexyl-4-hydroxymethyl-1,3-dioxolane
2631	Heptanal (natural)	2540	111-71-7	
2632	Heptanal propyleneglycol acetal	4368	04-10-4351	2-Hexyl-4-methyl-1,3-dioxolane
2633	2,3-Heptanedione	2543	96-04-8	Acetylpentanoyl, Acetylvaleryl, Valerylacetyl
2634	Heptane-1-thiol	4259	1639-09-4	n-Heptanethiol, Heptyl mercaptan, n-Heptyl mercaptan, Heptylthiol, 1-Heptylthiol, n-Heptylthiol, 1-Mercaptoheptane
2635	2-Heptanethiol	4128	628-00-2	
2636	Heptanoic acid	3348	111-14-8	Enanthic acid, n-Heptylic acid, Oenanthic acid, Oenanthylic acid
2637	Heptanoic acid (natural)	3348	111-14-8	
2638	2-Heptanol	3288	543-49-7	Amyl methyl carbinol, sec-Heptyl alcohol, 2-Hydroxyheptane
2639	2-Heptanol (natural)	3288	543-49-7	
2640	3-Heptanol	3547	589-82-2	n-Butyl ethyl carbinol, Ethyl butyl carbinol
2641	Heptan-4-ol		589-55-9	
2642	2-Heptanone	2544	110-43-0	Amyl methyl ketone, Heptan-2-one, Ketone C-7, Methyl amyl ketone
2643	2-Heptanone (natural)	2544	110-43-0	
2644	3-Heptanone	2545	106-35-4	Butyl ethyl ketone
2645	3-Heptanone (natural)	2545	106-35-4	
2646	4-Heptanone	2546	123-19-3	Butyrone, Dipropyl ketone
2647	4-Heptanone (natural)	2546	123-19-3	
2648	(+/-) Heptan-3-yl acetate	3980	5921-83-5	
2649	N-(Heptan-4-yl)benzo[D][1,3]dioxole-5-carboxamide	4232		N-(1-propylbutyl)-1,3-Benzodioxole-5-carboxamide

Sl.No.	Material Name	FEMA	CAS	Synonyms
2650	4-Heptenal (natural)	3289	6728-31-0	
2651	trans-2-Heptenal	3165	18829-55-5	beta-Butylacrolein, 3-Butylacrolein
2652	trans-2-Heptenal (natural)	3165	18829-55-5	
2653	4-Heptenal	3289	6728-31-0	n-Propylidenebutyraldehyde
2654	trans-4-Heptenal		929-22-6	
2655	4-Heptenal diethyl acetal	3349	18492-65-4	
2656	2-Heptenoic acid		1899-28-5	
2657	3-Heptenoic acid		29901-85-7	
2658	(E)-2-Heptenoic acid	3920	10352-88-2	
2659	1-Hepten-3-ol		4938-52-7	
2660	(+/-)-1-Hepten-3-ol	4129	4938-52-7	
2661	trans-2-Hepten-1-ol		33467-76-4	
2662	3-Heptenol-1		10606-47-0	
2663	cis-3-Hepten-1-ol		1708-81-2	
2664	(Z)-4-Hepten-1-ol	3841	6191-71-5	cis-4-Heptenol
2665	2-Hepten-4-one	3399	4643-25-8	
2666	3-Hepten-2-one	3400	1119-44-4	n-Butylideneacetone, Methyl pentenyl ketone
2667	trans-2-Heptenyl acetate		16939-73-4	
2668	4-Hepten-2-yl acetate		94088-33-2	
2669	cis-3-Heptenyl acetate		1576-78-9	
2670	trans-3-Heptenyl acetate	3493	1576-77-8	
2671	4-Hepten-2-yl butyrate			
2672	2-Heptenyl 3-methylbutyrate			
2673	trans-3-Heptenyl 2-methylpropanoate	3494	67801-45-0	trans-3-Heptenyl isobutyrate
2674	Hept-2-en-1-yl isovalerate	4126		
2675	Hept-trans-2-en-1-yl acetate	4125	16939-73-4	trans-Hept-2-en-1-yl acetate

Sl.No.	Material Name	FEMA	CAS	Synonyms
2676	Heptyl acetate	2547	112-06-1	Acetate C-7, n-Heptyl acetate, Heptyl ethanoate
2677	2-Heptyl acetate		5921-82-4	
2678	Heptyl alcohol	2548	111-70-6	Alcohol C-7, Enanthic alcohol, Enanthyl alcohol, 1-Heptanol, Hexyl carbinol, Hydroxyheptane
2679	Heptyl alcohol (natural)	2548	111-70-6	
2680	n-Heptyl bromide		629-04-9	
2681	Heptyl butyrate	2549	5870-93-9	Heptyl butanoate, n-Heptyl n-butyrate
2682	2-Heptyl butyrate	3981	39026-94-3	(+/-) Heptan-2-yl butyrate
2683	Heptyl butyrate (natural)	2549	5870-93-9	
2684	Heptyl caprate		60160-17-0	
2685	Heptyl cinnamate	2551	10032-08-3	Heptyl beta-phenylacrylate, Heptyl 3-phenylpropenoate
2686	Heptyl crotonate		16930-99-7	
2687	2-n-Heptylcyclopentanone		137-03-1	Heptafleur R, Projasmon P
2688	cis- and trans-2-Heptylcyclopropane-carboxylic acid	4130		
2689	3-Heptyldihydro-5-methyl-2(3H)-furanone	3350	40923-64-6	alpha-n-Heptyl-gamma-valerolactone
2690	2-Heptyl-1,3-dioxolane		4359-57-3	
2691	Heptyl formate	2552	112-23-2	Heptyl methanoate
2692	2-Heptylfuran	3401	3777-71-7	
2693	Heptyl heptanoate	4341	624-09-9	1-Heptyl heptanoate, Heptyl heptoate
2694	Heptyl hexanoate		6976-72-3	
2695	2-Heptyl hexanoate		6624-58-4	
2696	Heptyl isobutyrate	2550	2349-13-5	Heptyl 2-methylpropanoate
2697	Heptyl methacrylate		5459-37-0	
2698	Heptyl 2-methylbutyrate		50862-12-9	
2699	2-Heptyl 3-methylbutyrate			
2700	Heptyl 3-methylbutyrate		56423-43-9	

Sl.No.	Material Name	FEMA	CAS	Synonyms
2701	Heptyl nonylate		71605-85-1	
2702	Heptyl octanoate	2553	4265-97-8	Heptyl caprylate, n-Heptyl octanoate, Heptyl octylate
2703	Heptyl phenylacetate		39736-25-9	
2704	Heptyl propionate		2216-81-1	
2705	2-Heptyltetrahydrofuran		2435-16-7	
2706	Heptyl valerate		5451-80-9	
2707	1-Heptyne		628-71-7	
2708	Hexadecalactone		7370-44-7	
2709	1,16-Hexadecalactone		109-29-5	Cyclohexadecanolide, Oxacycloheptadecan-2-one
2710	Hexadeca-1,4-lactone		730-46-1	
2711	delta-Hexadecalactone	4673	7370-44-7	5-Hexadecanolide, delta-Hexadecanolide, 5-Hydroxyhexadecanoic acid, delta lactone, delta-Palmitolactone, Tetrahydro-6-undecyl-2H-pyran-2-one, 6-Undecyltetrahydropyran-2-one, 6-Undecyltetrahydro-2H-pyran-2-one
2712	1-Hexadecanol	2554	36653-82-4	Alcohol C-16, Cetyl alcohol, Palmityl alcohol
2713	Hexadeca-2,4,7,10-tetraenal			
2714	Hexadeca-4,7,10-trienal			
2715	trans-2-Hexadecenoic acid		629-56-1	
2716	Hexadecyl lactate	4483	35274-05-6	Cetyl lactate, Lactic acid, hexadecyl ester, Propanoic acid, 2-hydroxy-, hexadecyl ester
2717	trans, trans-2,4-Hexadienal	3429	142-83-6	2-Propyleneacrolein, Sorbic aldehyde
2718	trans,trans-2,4-Hexadienoic acid	3921	110-44-1	Sorbic acid
2719	2,4-Hexadien-1-ol	3922	111-28-4	Sorbic alcohol (E,E isomer)
2720	trans,trans-2,4-Hexadien-1-ol		17102-64-6	
2721	2,4-Hexadienyl acetate	4132	1516-17-2	Sorbyl acetate
2722	2,4-Hexadienyl butyrate	4133	16930-93-1	
2723	Hexadienylideneacetone		17609-32-4	
2724	2,4-Hexadienyl isobutyrate	4134	16491-24-0	
2725	3,5-Hexadienyl isobutyrate			

Sl.No.	Material Name	FEMA	CAS	Synonyms
2726	2,4-Hexadienyl propionate	4131	16491-25-1	
2727	Hexahydrocoumarin		700-82-3	
2728	3 α ,4,5,6,6 α -Hexahydro-2(or 3),6-Dimethyl-4,7-methanoinden-5-ol			
2729	Hexahydrodimethyl-4,7-methano [1H]inden-5-ol		79771-15-6	4,7-Methano-1H-inden-5-ol,3 α ,4,5,6,7,7 α -hexahydro-2(or 3),4 dimethyl
2730	Hexahydro-3,7-dimethylspiro[1,4-methanonaphthalen[1H]-2' oxane]		41816-03-9	3,4,4 α ,5,8,8 α -Hexahydro-3',7 and 3',6-dimethyl-spiro
2731	Hexahydro-4,6,6,7,8,8-hexamethylcyclopentagamma-2-benzopyran		1222-05-5	
2732	3 α ,4,5,6,7,7 α -Hexahydro-4,7-methanoindene-5-carboxaldehyde diethyl acetal		67633-92-5	
2733	Hexahydro-4,7-methanoinden-5-yl methyl ether		53018-24-9	
2734	3 α ,4,5,6,7,7 α -Hexahydro-4,7-methano-1H-inden-6-yl isobutyrate		68039-39-4	6-Butyroyloxy-3 α ,4,5,6,7,7 α -hexahydro-4,7-methanoindene
2735	Hexahydro-4,7-methanoinden-6-yl pivalate		68039-44-1	
2736	Hexahydro-2-oxo-1H-thieno[3,4-d]imidazole-4-pentanoic acid		58-85-5	D-Biotin, Vitamin H
2737	3,4,6,7,8,9-Hexahydro-4,6,6,9,9-pentamethyl [1H]naphtho[2,3,c]pyran		1922-67-4	
2738	3,4,4 α ,5,8,8 α or (3,4,4 α ,7,8,8 α)-Hexahydro-3,3,6,7-tetramethyl[1H]2-benzopyran		72429-08-4	Bigarade oxide
2739	Hexahydro-3,6,8,8-tetramethyl[1H]inden-5-yl acetate		13794-73-5	Cedralone, [3R-(3 α ,3 α B,6 α ,7B,8 α)]-Hexahydro-3,6,8,8-tetramethyl-1H-3 α ,7-methanoazulen-5[4H]-one
2740	Hexahydro-1,1,5,5-tetramethyl[2H]-2,4 α -methanonaphthalen-8[5H]one		29461-14-1	1,3,4,6,7,8 α -Hexahydro-1,1,5,5-tetramethyl-2H-2,4 α -methanophthalen-8(5H)-one
2741	Hexahydro-3,5,5-trimethyl-3,8 α -ethano[8 α H]-1-benzopyran-2[3H]one		21280-29-5	Hydroxy-4,7,7-trimethyl-4-carboxylic-acid-lactone, Lactoscatone
2742	1,6-Hexalactam	4235	105-60-2	epsilon-Caprolactam
2743	delta-Hexalactone	3167	823-22-3	delta-Caprolactone, 5-Hydroxyhexanoic acid lactone, 5-Methyl-5-hydroxypentanoic acid lactone, 5-Methyl-delta-valerolactone
2744	gamma-Hexalactone	2556	695-06-7	gamma-Caprolactone, Ethyl butyrolactone, gamma-Ethyl-gamma-butyrolactone, 4-Ethyl-4-hydroxybutanoic acid lactone, Hexanolide-1,4, Tonkalide
2745	Hexanal	2557	66-25-1	Aldehyde C-6, Caproaldehyde, Caproic aldehyde, Hexaldehyde, Hexoic aldehyde
2746	Hexanal butane-2,3-diol acetal	4384	155639-75-1	4,5-Dimethyl-2-pentyl-1,3-dioxolane
2747	Hexanal diethyl acetal		3658-93-3	Aldehyde C-6 diethyl acetal, 1,1-Diethoxyhexane, trans-2-Hexenyl diethyl acetal
2748	Hexanal dihexyl acetal	4370	33673-65-3	1,1-Bis(hexyloxy)hexane
2749	Hexanal dimethyl acetal		1599-47-9	Aldehyde C-6 dimethyl acetal

Sl.No.	Material Name	FEMA	CAS	Synonyms
2750	Hexanal hexyl isoamyl acetal	4369	896447-13-5	
2751	Hexanal (natural)	2557	66-25-1	
2752	Hexanal octane-1,3-diol acetal	4377	202188-46-3	2,4-Dipentyl-1,3-dioxane
2753	1,6-Hexanediol diacetate		6222-17-9	
2754	2,3-Hexanedione	2558	3848-24-6	Acetylbutyryl, Butyrylacetyl, Methyl propyl diketone
2755	3,4-Hexanedione	3168	4437-51-8	Diethyl diketone, Dipropionyl
2756	1,6-Hexanedithiol	3495	1191-43-1	1,6-Dimercaptohexane, Hexamethylene dimercaptan
2757	2,5-Hexanedithiol			
2758	1-Hexanethiol	3842	111-31-9	Hexyl mercaptan
2759	1-Hexanethiol (natural)	3842	111-31-9	
2760	Hexanoic acid	2559	142-62-1	Caproic acid, Hexoic acid
2761	Hexanoic acid (natural)	2559	142-62-1	
2762	2-Hexanol		626-93-7	
2763	3-Hexanol	3351	623-37-0	Ethyl propyl carbinol
2764	3-Hexanol (natural)	3351	623-37-0	
2765	3-Hexanone	3290	589-38-8	Ethyl propyl ketone
2766	3-Hexanone (natural)	3290	589-83-8	
2767	2-Hexenal		505-57-7	
2768	cis-2-Hexenal		16635-54-4	
2769	trans-2-Hexenal	2560	6728-26-3	trans-2-Hexen-1-al, Leaf aldehyde, trans-2, beta-Propylacrolein
2770	trans-2-Hexenal (natural)	2560	6728-26-3	
2771	cis-3-Hexenal	2561	6789-80-6	
2772	3-Hexenal (trans/cis mix)	3923	4440-65-7	
2773	trans-3-Hexenal		69112-21-6	Leaf aldehyde
2774	cis-4-Hexenal	3496	4634-89-3	
2775	cis-3-Hexenal diethyl acetal		73545-18-3	

Sl.No.	Material Name	FEMA	CAS	Synonyms
2776	(E)-2-Hexenal Diethyl Acetal	4047	67746-30-9	2-Hexene, 1,1-diethoxy-, (2E)-
2777	(+/-)-trans and cis-2-Hexenal glyceryl acetal	4273	214220-85-6	(+/-)-E- and Z-2-Hexenal glyceryl acetal
2778	(+/-)-trans- and cis-2-Hexenal propylene glycol acetal	4272	94089-21-1	(+/-)-E- and Z-2-Hexenal propylene glycol acetal, 4-Methyl-2-(1E)-1-pentenyl-1,3-dioxolane
2779	trans-4-Hexenol	4046		
2780	2-Hexen-1,4-lactone		2407-43-4	
2781	trans-2-Hexenoic acid	3169	13419-69-7	3-Propylacrylic acid, beta-Propylacrylic acid
2782	3-Hexenoic acid	3170	4219-24-3	
2783	cis-3-Hexenoic acid	4493	1775-43-5	(Z)-3-Hexenoic acid
2784	trans-3-Hexenoic acid	3170	1577-18-0	
2785	1-Hexen-3-ol	3608	4798-44-1	
2786	(Z)-2-Hexen-1-ol	3924	928-94-9	cis-2-Hexen-1-ol
2787	2-Hexen-1-ol	2562	2305-21-7	Methylcamomille LRG 1381, 3-Propylallyl alcohol
2788	2-Hexen-1-ol (natural)	2562	2305-21-7	
2789	Hex-3-en-1-ol		544-12-7	
2790	cis-3-Hexenol	2563	928-96-1	Blatteralkohol, 3-Hexen-1-ol, Leaf alcohol
2791	cis-3-Hexenol (natural)	2563	928-96-1	
2792	trans-3-Hexenol	4356	928-97-2	(E)-3-Hexen-1-ol, trans-3-Hexen-1-ol, (E)-3-Hexenol
2793	4-Hexen-1-ol	3430	6126-50-7	
2794	cis-4-Hexen-1-ol		928-91-6	
2795	5-Hexenol	4351	821-41-0	5-Hexene-1-ol, 5-Hexen-1-ol, Hex-5-en-1-ol
2796	1-Hexen-3-one		1629-60-3	
2797	4-Hexen-3-one	3352	2497-21-4	2-Hexen-4-one
2798	5-Hexen-2-one		109-49-9	Allyl acetone
2799	trans Hexenyl acetate			
2800	1-Hexen-3-yl acetate		35926-04-6	
2801	Hex-2-enyl acetate		10094-40-3	

Sl.No.	Material Name	FEMA	CAS	Synonyms
2802	2-Hexen-1-yl acetate (E)	2564	2497-18-9	trans-2-Hexenyl acetate, 2-Hexenyl ethanoate
2803	cis-3-Hexen-1-yl acetate	3171	3681-71-8	cis-3-Hexenyl ethanoate
2804	cis-3-Hexen-1-yl acetate (natural)	3171	3681-71-8	
2805	trans-3-Hexenyl acetate	4413	3681-82-1	Acetic acid trans-3-hexenyl ester, (E)-3-Hexen-1-ol acetate, (E)-3-Hexen-1-yl acetate, (E)-3-Hexenyl acetate
2806	cis-3-Hexenyl acetoacetate	4489	84434-20-8	(3Z)-Hex-3-en-1-yl 3-oxobutanoate
2807	cis-3-Hexenyl angelate		84060-80-0	
2808	cis-3-Hexenyl anisate		121432-33-5	
2809	cis-3-Hexenyl anthranilate	3925	65405-76-7	
2810	cis-3-Hexenyl benzoate	3688	25152-85-6	(Z)-3-Hexenyl benzoate
2811	cis-3-Hexenyl trans-2-butenoate (natural)	3982		
2812	cis-3-Hexenyl trans-2-butenoate	3982	65405-80-3	cis-3-Hexenyl crotonate
2813	(E)-2-Hexenyl butyrate	3926	53398-83-7	
2814	trans-2-Hexenyl butyrate		53398-83-7	
2815	cis-3-Hexenyl butyrate	3402	16491-36-4	cis-3-Hexenyl butanoate, beta,gamma-Hexenyl n-butyrate, Leaf butyrate
2816	cis-3-Hexenyl butyrate (natural)	3402	16491-36-4	
2817	cis-3-Hexenyl caproate	3403	31501-11-8	cis-3-Hexenyl hexanoate
2818	cis-3-Hexenyl caproate (natural)	3403	31501-11-8	
2819	cis-3-Hexenyl cinnamate		68133-75-5	
2820	2-Hexenylcyclopentanol		34686-74-4	
2821	Hexenylcyclopentanone		34687-46-2	
2822	2-Hexenylcyclopentanyl acetate		149982-46-7	
2823	3-Hexenyl decanoate		85554-69-4	
2824	cis-3-Hexenyl 2-ethylbutyrate		94071-12-2	cis-3-Hexen-1-yl 2-ethylbutanoate
2825	trans-2-Hexenyl formate		53398-78-0	
2826	cis/trans-3-Hexenyl formate	3353	33467-73-1	3-Hexenyl methanoate
2827	cis-3-Hexenyl formate		33467-73-1	

Sl.No.	Material Name	FEMA	CAS	Synonyms
2828	cis-3-Hexenyl heptine carbonate		68698-58-8	
2829	3-Hexenyl hexadecanoate			
2830	(E)-2-Hexenyl Hexanoate	3983	53398-86-0	trans-2-Hexenyl hexanoate
2831	cis-3-Hexenyl cis-3-hexenoate	3689	61444-38-0	(Z)-3-Hexenyl (Z)-3-hexenoate
2832	(Z)-3-Hexenyl (E)-2-hexenoate	3928	53398-87-1	2-Hexenoic acid, 3-hexenyl ester, (EZ)
2833	(Z)-3-Hexenyl isobutyrate	3929	41519-23-7	3-Hexenyl 2-methylpropionate
2834	trans-2-Hexenyl isobutyrate			
2835	5-Hexenyl isothiocyanate	4421	49776-81-0	6-Isothiocyanato-1-hexene
2836	(E)-2-Hexenyl isovalerate	3930	68698-59-9	Butanoic acid, 3-methyl-,2-hexenyl ester,(E)
2837	trans-2-Hexenyl isovalerate		68698-59-9	
2838	cis-3-Hexenyl lactate	3690	61931-81-5	cis-3-Hexenyl 2-hydroxypropanoate, (Z)-3-Hexenyl lactate
2839	cis-3-Hexenyl lactate (natural)	3690	61931-81-5	
2840	cis-3-Hexenyl levulinate		85554-70-7	
2841	trans-2-Hexenyl 2-methylbutanoate		94089-10-7	
2842	3-Hexenyl 2-methylbutanoate	3497	10094-41-4	3-Hexenyl 2-methylbutyrate
2843	3-Hexenyl 3-Methylbutanoate (natural)	3498	10032-11-8	
2844	3-Hexenyl 3-Methylbutanoate	3498	10032-11-8	3-Hexenyl isopentanoate, 3-Hexenyl isovalerate, 3-Hexenyl 3-methylbutanoate
2845	(Z)-3-Hexenyl (E)-2-methyl 2butenoate	3931	84060-80-0	(Z)-3-Hexenyl 2-methylcrotonate, cis-3-Hexenyl tiglate
2846	trans-2-Hexenyl 2-methylbutyrate	4274	94089-01-7	(E)-2-Hexenyl 2-methylbutyrate
2847	cis-3-Hexenyl 2-methylbutyrate	3497	53398-85-9	cis-3-Hexenyl 2-methylbutanoate
2848	cis-3-Hexenyl 2-methylbutyrate (natural)	3497	53398-85-9	
2849	cis-3-Hexenyl methyl carbonate		67633-96-9	
2850	cis-3-Hexenyl 2-methyl-2-pentenoate		76649-17-7	
2851	2-Hexenyl octanoate	4135	85554-72-9	
2852	3-Hexenyl octanoate		61444-41-5	cis-3-Hexenyl octanoate
2853	cis-3-Hexenyl octine carbonate		68480-29-5	

Sl.No.	Material Name	FEMA	CAS	Synonyms
2854	cis-(3-Hexenyloxy)acetaldehyde		68133-72-2	
2855	trans-2-Hexenyl phenylacetate		68133-78-8	
2856	cis-3-Hexenyl phenylacetate	3633	42436-07-7	3-Hexenyl alpha-toluate, beta,gamma-Hexenyl alpha-toluate
2857	(E)-2-Hexenyl propionate	3778	53398-80-4	Green note propionate, cis-3-Hexenyl ester, trans-2-Hexenyl ester, cis-3-Hexenyl propionate, trans-2-Hexenyl propionate, Propanoic acid
2858	cis-3-Hexenyl propionate (natural)	3933	33467-74-2	
2859	(Z)-3-Hexenylpropionate	3778	33467-74-2	Green note propionate, cis-3-Hexenyl ester, trans-2-Hexenyl ester, cis-3-Hexenyl propionate, trans-2-Hexenyl propionate, Propanoic acid
2860	cis-3-Hexenyl propionate	3933	33467-74-2	
2861	trans-2-Hexenyl propionate	3932	533908-80-4	2-Hexen-1-ol, propanoate, (E), (E)-2-Hexenyl propionate, (E)-Hex-2-enyl propionate
2862	(Z)-3-Hexenyl pyruvate	3934	68133-76-6	
2863	trans-2-Hexenyl salicylate		68133-77-7	
2864	cis-3-Hexenyl salicylate	4750	65405-77-8	3-Hexenyl 2-hydroxybenzoate, Leaf salicylate
2865	cis-3-Hexenyl salicylate (natural)		65405-77-8	
2866	cis-3-Hexenyl senecioate		65416-28-6	
2867	(E)-2-Hexenyl valerate	3935	56922-74-8	Pentanoic acid, 2-hexenyl ester, (E)
2868	cis-3-Hexenyl valerate	3936	35852-46-1	cis-3-Hexenyl pentanoate, (Z)-3-Hexenyl valerate
2869	cis-3-Hexenyl valerate (natural)	3936	35852-46-1	
2870	Hexoxyacetaldehyde dimethyl acetal		17597-95-4	
2871	Hexyl acetate	2565	142-92-7	Hexyl ethanoate
2872	2-Hexyl acetate		5935-49-1	
2873	Hexyl acetate (natural)	2565	142-92-7	
2874	n-Hexyl acetoacetate		13562-84-0	
2875	2-Hexyl-4-acetoxytetrahydrofuran	2566	10039-39-1	3-Furanol, 5-hexyltetrahydroacetate
2876	Hexyl alcohol	2567	111-27-3	Alcohol C-6, Caproic alcohol, 1-Hexanol, n-Hexanol
2877	Hexyl alcohol (natural)	2567	111-27-3	
2878	Hexylamine	4243	111-26-2	

Sl.No.	Material Name	FEMA	CAS	Synonyms
2879	Hexyl benzoate	3691	6789-88-4	Agrumat
2880	n-Hexyl 2-butenate	3354	19089-92-0	Hexyl crotonate
2881	n-Hexyl 2-butenate (natural)	3354	19089-92-0	
2882	Hexyl butyrate	2568	2639-63-6	Hexyl butanoate
2883	2-Hexyl butyrate		6963-52-6	
2884	Hexyl butyrate (natural)	2568	2639-63-6	
2885	alpha-Hexylcinnamaldehyde	2569	101-86-0	2-Benzylideneoctanal, H.C.A., alpha-n-Hexylcinnamic aldehyde, alpha-n-Hexyl-beta-phenylacrolein, Jasmonal H., 1-(Phenylmethylene)octanal
2886	alpha-Hexylcinnamaldehyde (natural)	2569	101-86-0	
2887	Hexyl cinnamate		3488-00-4	
2888	2-Hexylcyclopentanone		13074-65-2	Dihydroisojasmone, Projasmone X
2889	Hexyl decanoate	4342	10448-26-7	Hexyl caprate
2890	2-Hexyl-2-decenal		13893-39-5	2-Octylideneoctanal-1
2891	2-Hexyl-4,5-dimethyl-1,3-dioxolane	4048	6454-22-4	
2892	Hexyl 2,2-dimethylpropanoate		5434-57-1	
2893	Hexyl dodecanoate		34316-64-8	
2894	Hexylene glycol		107-41-5	
2895	Hexyl formate	2570	629-33-4	Hexyl methanoate
2896	Hexyl 2-furoate	2571	39251-86-0	
2897	Hexyl heptanoate	4337	1119-06-8	Hexyl enanthate, 1-Hexyl heptanoate
2898	Hexyl hexanoate	2572	6378-65-0	Hexyl caproate
2899	Hexyl hexanoate (natural)	2572	6378-65-0	
2900	Hexyl trans-2-hexenoate	3692	33855-57-1	Hexyl (E)-2-hexenoate
2901	2-Hexylidenecyclopentanone	2573	17373-89-6	alpha-Hexylidenecyclopentanone
2902	2-Hexylidenehexanal	4616	13019-16-4	2-Butyl-2-octenal
2903	Hexyl isobutyrate	3172	07-07-2349	Hexyl 2-methylpropanoate

Sl.No.	Material Name	FEMA	CAS	Synonyms
2904	Hexyl isobutyrate (natural)	3172	07-07-2349	
2905	Hexyl isothiocyanate	4422	4404-45-9	1-Hexyl isothiocyanate, n-Hexyl isothiocyanate, n-Hexyl mustard, n-Hexyl mustard oil, 1-Isothiocyanatohexane
2906	2-Hexyl-5-keto-1,4-dioxane	2574	65504-97-4	5-Hexyl-1,4-dioxan-2-one, 2-Hexyl-6-keto-1,4-dioxane
2907	Hexyl lactate		20279-51-0	
2908	Hexyl-3-mercaptoputanoate	4136		
2909	Hexyl 2-methylbutanoate	3499	10032-15-2	Hexyl 2-methylbutyrate
2910	Hexyl 2-methylbutanoate (natural)	3499	10032-15-2	
2911	Hexyl 3-methylbutanoate	3500	10032-13-0	Hexyl isopentanoate, Hexyl isovalerate
2912	Hexyl 3-methylbutanoate (natural)	3500	10032-13-0	
2913	Hexyl methyl ether		3-7-4747	Methyl n-hexyl ether
2914	Hexyl 2-methyl-3-pentenoate	3693	58625-95-9	
2915	Hexyl 2-methyl-3 and 4-pentenoate	3693	58625-95-9	
2916	Hexyl 2-methyl-4-pentenoate	3693	58625-95-9	
2917	Hexyl nonanoate	4339	6561-39-3	
2918	Hexyl nonanoate nature identical		37165-63-2	
2919	Hexyl (Z)-octadec-9-enoate		20290-84-0	
2920	Hexyl octanoate	2575	1117-55-1	Hexyl caprylate, Hexyl octylate
2921	Hexyl octanoate (natural)	2575	1117-55-1	
2922	Hexyl phenylacetate	3457	5421-17-0	Hexyl alpha-toluate
2923	Hexyl propionate	2576	2445-76-3	Hexyl propanoate
2924	Hexyl propionate (natural)	2576	2445-76-3	
2925	2-Hexylpyridine		1129-69-7	
2926	Hexyl salicylate		6259-76-3	
2927	Hexyl tetradecanoate		42231-99-2	
2928	2-Hexylthiophene	4137	18794-77-9	
2929	Hexyl tiglate		16930-96-4	Hexyl trans-2-methyl-2-butenate

Sl.No.	Material Name	FEMA	CAS	Synonyms
2930	Hexyl valerate		1117-59-5	Hexyl pentanoate
2931	Hexyl vinyl carbinol		21964-44-3	1-Nonen-3-ol
2932	1-Hexyne			
2933	Hibawood oil (Thujopsis dolabrata (L.F.) Sieb. et Zucc.)		68917-43-1	
2934	Hibiscus distillate			
2935	Hibiscus extract			
2936	Hickory bark extract (Carya spp.)	2577	91723-46-5	Carya alba L. Nutt.
2937	Hickory smoke flavor	4222		
2938	Himalayan cedarwood oil		8000-27-9	
2939	Hinokitiol		499-44-5	2-Hydroxy-4-isopropyl-2,4,6-cycloheptatrienone
2940	L-Histidine	3694	71-00-1	alpha-Amino-4-imidazolepropionic acid, 2-Amino-3-(4-imidazy)propionic acid
2941	L-Histidine (natural)	3694	71-00-1	
2942	Hinokitiol crystals		499-44-5	
2943	Ho leaf oil (Cinnamomum camphora L.)		8022-91-1	Cinnamomum camphora, Lauraceae
2944	Ho leaf oil, acetylated		8022-91-1	
2945	(-)-Homoeriodictiol sodium salt	4228	462631-45-4	
2946	Honey		8028-66-8	
2947	Honeydew distillate			
2948	Honey distillate		91052-92-5	
2949	Honey distillate (natural)		91052-92-5	
2950	Honey extract		91052-92-5	
2951	Honeysuckle absolute (Lonicera spp.)		8023-93-6	
2952	Hoodia gordonii			
2953	Hops absolute (Humulus lupulus L.)		8060-46-5	
2954	Hops extract (Humulus lupulus L.)	2578	8060-28-4	
2955	Hops extract solid (Humulus lupulus L.)	2579	8060-28-4	

Sl.No.	Material Name	FEMA	CAS	Synonyms
2956	Hops oil (Humulus lupulus L.)	2580	03-04-8007	Humulus lupulus L.
2957	Horehound (Marrubium vulgare L.)			
2958	Horehound extract (Marrubium vulgare L.)	2581	84696-20-8	
2959	Horsemint leaves extract (Monarda spp.)	2582	8006-85-7	
2960	Horseradish oil (Armoracia lapathifolia Gilib.)		84775-62-2	Armoracia laptifolia
2961	Ho wood oil (Cinnamomum camphora L.)			
2962	3,7,10-Humulatriene		6753-98-6	
2963	Hyacinth absolute (Hyacinthus orientalis L.)		8023-94-7	
2964	Hyacinth flowers (Hyacinthus orientalis L.)			
2965	Hydichium spicatum			
2966	Hydratropic aldehyde	2886	93-53-8	Hydratropaldehyde, alpha-Methylphenylacetaldehyde, alpha-Methyltolualdehyde, 2-Phenylpropanal, 2-Phenylpropionaldehyde, alpha-Phenylpropionaldehyde
2967	Hydratropic aldehyde dimethyl acetal	2888	90-87-9	1,1-Dimethoxy-2-phenylpropane, Hydratropaldehyde, dimethyl acetal, 2-Phenylpropanal, dimethyl acetal, 2-Phenylpropionaldehyde, dimethyl acetal
2968	Hydratropyl acetate		10402-52-5	
2969	Hydratropyl alcohol	2732	1123-85-9	Hydratropic alcohol, 2-Phenyl-1-propanol, 2-Phenylpropyl alcohol
2970	Hydroabietyl alcohol		1333-89-7	Abitol
2971	Hydrogen sulfide	3779	04-06-7783	Hydrosulfuric acid
2972	Hydroquinone monoethyl ether	3695	622-62-8	1-Ethoxy-4-hydroxybenzene, p-Ethoxyphenol
2973	Hydroquinone monomethyl ether		150-76-5	4-Methoxyphenol
2974	1-(2-Hydroxy-4-isobutoxyphenyl)-3-(pyridin-2-yl)propan-1-one	4722		
2975	1-(2-Hydroxy-4-methoxyphenyl)-3-(pyridin-2-yl)propan-1-one	4723		
2976	Hydroxyacetone	4462	116-09-6	Acetol, 1-Hydroxy-2-propanone, 1-Hydroxypropan-2-one, 2-Oxopropanol
2977	2-Hydroxyacetophenone	3548	118-93-4	o-Acetylphenol
2978	4-Hydroxyacetophenone	4330	99-93-4	4-Acetophenol, p-Acetophenol, 4-Acetylphenol, p-Acetylphenol, p-Hydroxyacetophenone, 1-(4-Hydroxyphenyl)ethanone, 1-(4-Hydroxyphenyl)-1-ethanone, 4-Hydroxyphenylethanone, 4-Hydroxyphenyl methyl ketone, p-Hydroxyphenyl methyl ketone, Methyl 4-hydroxyphenyl ketone, Methyl p-hydroxyphenyl ketone, Piceol

Sl.No.	Material Name	FEMA	CAS	Synonyms
2979	4-Hydroxybenzaldehyde	3984	123-08-0	
2980	2-Hydroxybenzoic acid	3985	69-72-7	Salicylic acid
2981	3-Hydroxybenzoic acid	4431	99-06-9	m-Hydroxybenzoic acid, m-Salicylic acid
2982	4-Hydroxybenzoic acid	3986	99-96-7	4-Carboxyphenol
2983	4-Hydroxybenzyl alcohol	3987	623-05-2	
2984	4-Hydroxybenzyl ethyl ether		57726-26-8	
2985	4-Hydroxybutanethiol			
2986	1-Hydroxy-2-butanone	3173	5077-67-8	
2987	4-Hydroxy-2-butenic acid gamma-lactone	4138		
2988	6-Hydroxycarvone	4523	51200-86-3	3-Hydroxy-2-methyl-5-(prop-1-en-2-yl)cyclohex-2-en-1-one
2989	2-Hydroxycinnamic acid		583-17-5	
2990	Hydroxycitronellal	2583	107-75-5	Citronellalhydrate, 3,7-Dimethyl-7-hydroxyoctanal, Oxydihydrocitronellal
2991	Hydroxycitronellal diethyl acetal	2584	7779-49-4	1,1-Diethoxy-3,7-dimethyl-7-octanol, 8,8-Diethoxy-2,6-dimethyl-2-octanol
2992	Hydroxycitronellal dimethyl acetal	2585	141-29-4	1,1-Dimethoxy-3,7-dimethyl-7-octanol, 8,8-Dimethoxy-2,6-dimethyl-2-octanol
2993	Hydroxycitronellal propyleneglycol acetal	4485	93804-64-9	2,6-Dimethyl-1,3-dioxolane-2-heptanol, 4-Methyl-1,3-dioxolane-1-(6-hydroxy-2,6-dimethylheptyl)
2994	Hydroxycitronellol	2586	107-74-4	Citronellol hydrate, 3,7-Dimethyloctan-1,7-diol, 3,7-Dimethyl-1,7-octanediol, Hydroxydihydrocitronellol
2995	2-Hydroxy-2-cyclohexen-1-one	3458	10316-66-2	1,2-Cyclohexanedione
2996	5-Hydroxy-2,4-decadienoic acid lactone	3696	27593-23-3	6-Amyl-alpha-pyrone, 6-Pentyl-alpha-pyrone
2997	5-Hydroxy-2-decenoic acid lactone	3744	54814-64-1	Cocolactone, 5,6-Dihydro-6-pentyl(2H)pyran-2-one, Massoia lactone
2998	5-Hydroxy-7-decenoic acid lactone	3745	25524-95-2	Jasmin lactone, cis-5-(2-Pentenyl)pentanolide
2999	5-Hydroxy-2-decenoic acid lactone (natural)	3744	54814-64-1	
3000	6-Hydroxydihydrotheaspirane	3549	65620-50-0	6-Hydroxy-2,6,10,10-tetramethyl-1-oxaspiro[4.5]decane
3001	4-Hydroxy-3,5-dimethoxybenzaldehyde	4049	134-96-3	
3002	4-Hydroxy-2,5-dimethyl-2,3-dihydrothiophenone-3		26494-10-0	
3003	4-Hydroxy-2,3-dimethyl-5-hexenoic acid gamma lactone	4050	774-64-1	

Sl.No.	Material Name	FEMA	CAS	Synonyms
3004	4-Hydroxy-2,5-dimethyl-3(2H)furanone	3174	3658-77-3	2,5-Dimethyl-4-hydroxy-2,3-dihydrofuran-3-one, 2,5-Dimethyl-4-hydroxy-3(2H)furanone, Furanone pure crystals, Strawberry furanone
3005	4-Hydroxy-2,5-dimethyl-3(2H)furanone (natural)	3174	3658-77-3	
3006	6-Hydroxy-3,7-dimethyloctanoic acid lactone	3355	499-54-7	Menthone lactone
3007	(Z)-4-Hydroxy-6-dodecenoic acid lactone	3780	18679-18-0	cis-Dihydro-5-(2-octenyl)-2(3H)furanone, 1,4-Dodec-6-ene lactone, gamma-Dodecen-6-lactone
3008	(Z)-4-Hydroxy-6-dodecenoic acid lactone (natural)	3780	18679-18-0	
3009	5-Hydroxy-2-dodecenoic acid lactone	3802	16400-72-9	delta-2-Dodecenolactone, 6-Heptyl-5,6-dihydro(2H)pyran-2-one, 6-Heptyl-5,6-dihydro-2-pyrone, 5-Heptyl-2-penten-5-olide
3010	2-Hydroxyethanethiol	4582	60-24-2	beta-Mercaptoethanol, 2-Mercaptoethyl alcohol
3011	N-(2-Hydroxyethyl)-2,3-dimethyl-2-isopropylbutanamide	4602	883215-02-9	N-(2-Hydroxyethyl)-2,3-dimethyl-2-(1-methylethyl)butanamide, N-(2-Hydroxyethyl)-2-isopropyl-2,3-dimethylbutanamide
3012	4-Hydroxy-3-hexanone		4984-85-4	
3013	4-Hydroxy-4-(3-hydroxy-1-butenyl)-3,5,5-trimethyl-2-cyclohexen-1-one	4661	23526-45-6	4-(1-Hydroxy-4-keto-2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-ol
3014	Hydroxy(4-hydroxy-3-methoxyphenyl)acetic acid	4660	55-10-7	alpha-4-Dihydroxy-3-methoxybenzeneacetic acid, (+/-)-4-Hydroxy-3-methoxymandelic acid, (4-Hydroxy-3-methoxyphenyl) glycolic acid, 3-Methoxy-4-hydroxyphenylhydroxyacetic acid, (+/-)-Vanilmandelic acid
3015	(R)-5-hydroxy-4-(4'-hydroxy-3'-methoxyphenyl)-7-methylchroman-2-one	4834		(4R)-4-(4-Hydroxy-3-methoxyphenyl)-5,7-dimethyl-3,4-dihydro-2H-1-benzopyran-2-one
3016	2-Hydroxy-4-methoxybenzaldehyde	4435	673-22-3	2-Formyl-5-methoxyphenol, 2-Hydroxy-p-anisaldehyde, 4-Methoxysalicylaldehyde
3017	3-Hydroxy-4-methoxybenzaldehyde		621-59-0	
3018	4-Hydroxy-3-methoxybenzoic acid	3988	121-34-6	
3019	2-Hydroxy-4-methoxybenzophenone		131-57-7	Neo Heliopan (Symrise)

Sl.No.	Material Name	FEMA	CAS	Synonyms
3020	N-(4-Hydroxy-3-methoxybenzyl)nonanamide	2787	2444-46-4	N-Nonanoyl vanillylamide, Pelargonyl vanillylamide, Vanillylnonanamide
3021	4-Hydroxy-3-methoxycinnamaldehyde		458-36-6	
3022	1-(4-Hydroxy-3-methoxyphenyl)decan-3-one	4665	27113-22-0	1-(4-Hydroxy-3-methoxyphenyl)-3-decanone, Paradol, 5-Paradol, [6]-Paradol
3023	3-(4-Hydroxy-3-methoxyphenyl)propanal		80638-48-8	
3024	3-(3-Hydroxy-4-methoxyphenyl)-1-(2,4,6-trihydroxyphenyl)propan-1-one	4872		Hesperetin dihydrochalcone
3025	2-Hydroxy-5-methylacetophenone	4594	1450-72-2	o-Acetyl-p-cresol, 2-Acetyl-4-methylphenol, 1-(2-Hydroxy-5-methylphenyl)ethanone
3026	2-Hydroxy-4-methylbenzaldehyde	3697	698-27-1	2,4-Cresotaldehyde, 4-Methylsalicylaldehyde, 4-Methylsalicylic aldehyde
3027	2-(2-Hydroxy-4-methyl-3-cyclohexenyl)propionic acid gamma-lactone	4140	182699-77-0	
3028	4-Hydroxy-4-methyl-7-cis-decenoic acid gamma lactone	3937	70851-61-5	2(3H)-Furanone, 5-(3-Hexenyl)dihydro-5-methyl-, (Z), 5-(cis-3-Hexenyl)dihydro-5-methyl-2(3H)furanone, (Z)-5-Hex-3-enyldihydro-5-methylfuran-2(3H)-one, Lactone of cis-jasmone, 4-Methyl-cis-7-decene gamma-lactone
3029	2-Hydroxymethyl-6,6-dimethylbicyclo[3.1.1]hept-2-enyl formate	3405	72928-52-0	Myrtenyl formate
3030	10-Hydroxymethylene-2-pinene nature identical	3938	9002-88-4	Homomyrtenol
3031	4-Hydroxy-5-methyl-3(2H)furanone	3635	19322-27-1	4-Hydroxy-5-methyl-2,3-dihydrofuran-3-one, 5-Methyl-4-hydroxy-3(2H)furanone
3032	5-(Hydroxymethyl)furfural		67-47-0	
3033	5-Hydroxy-4-methylhexanoic acid delta-lactone	4141	10413-18-0	
3034	3(2)-Hydroxy-5-methyl-2(3)-hexanone	3989		
3035	4-Hydroxymethyl-2-methyl-1,3-dioxolane		3674-21-3	
3036	3-Hydroxymethyl-2-octanone	3292	59191-78-5	
3037	2-Hydroxy-4-methylpentanoic acid		498-36-2	
3038	1-Hydroxy-4-methyl-2-pentanone	4463	68113-55-3	

Sl.No.	Material Name	FEMA	CAS	Synonyms
3039	4-Hydroxy-4-methyl-2-pentanone		123-42-2	
3040	4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde		31906-04-4	Mugonal
3041	1-(3-Hydroxy-5-methyl-2-thienyl)ethanone	4142	133860-42-1	2-Acetyl-3-hydroxy-5-methylthiophene
3042	3-Hydroxy-2-octanone	4139	37160-77-3	
3043	5-Hydroxy-4-octanone	2587	496-77-5	Butyrolin,5-octanol-4-one
3044	16-Hydroxy-12-oxahexadecanoic acid, omega-lactone		6707-60-4	
3045	3-Hydroxy-2-oxopropionic acid	3843	1113-60-6	3-Hydroxy-2-oxopropanoic aci
3046	3-Hydroxy-2-pentanone	3550	3142-66-3	Acetyl ethyl carbinol
3047	1-(2-Hydroxyphenyl)-3-(pyridin-4-yl)propan-1-one	4721		
3048	3-Hydroxy-4-phenylbutan-2-one	4052		
3049	4-(p-Hydroxyphenyl)-2-butanone	2588	5471-51-2	Frambinon, p-Hydroxybenzylacetone, 1-(p-Hydroxyphenyl)-3-butanone, Raspberry ketone
3050	4-(p-Hydroxyphenyl)-2-butanone (natural)	2588	5471-51-2	
3051	2-(2-Hydroxyphenyl) cyclopropanecarboxylic acid delta lactone	4270	5617-64-1	Cyclopropylcoumarin, 1a,7b-Dihydrocyclopropa[c]chromen-2(1H)-one
3052	2-(4-Hydroxyphenyl)ethanol		501-94-0	
3053	3-(4-Hydroxy-phenyl)-1-(2,4,6-trihydroxy-phenyl)-propan-1-one	4390	60-82-2	Dihydronaringenin, beta-(p-Hydroxyphenyl)phloropropiophenone, beta-(p-Hydroxyphenyl)-2,4,6-trihydroxypropiophenone, Naringenin dihydrochalcone, Phloretin, 2',4',6'-Trihydroxy-3-(4-hydroxyphenyl)propiophenone, 2',4',6'-Trihydroxy-3-(p-hydroxyphenyl)propiophenone
3054	2-Hydroxypiperitone	4143	490-03-9	Barosma camphor, Buchu camphor, Diosphenol, (+/-)-2-Hydroxypiperitone
3055	2-Hydroxypiperitone (natural)	4143	490-03-9	
3056	4-Hydroxyproline		36901-87-8	
3057	2-Hydroxypyridine		142-08-5	
3058	2-Hydroxythioanisole			

Sl.No.	Material Name	FEMA	CAS	Synonyms
3059	2-Hydroxy-3,5,5-trimethyl-2-cyclohexenone	3459	4883-60-7	3,5,5-Trimethyl-1,2-cyclohexanedione
3060	5-Hydroxy-8-undecenoic acid lactone	3758	68959-28-4	cis-6-(3-Hexenyl)tetrahydro(2H)pyran-2-one, Jasmolactone extra C
3061	Hyssop (Hyssopus officinalis L.)	2589	84603-66-7	
3062	Hyssop extract (Hyssopus officinalis L.)	2590	84603-66-7	
3063	Hyssop oil (Hyssopus officinalis L.)	2591	8006-83-5	
3064	Iceland moss (Cetraria islandica Ach.)		84776-25-0	Cetraria islandica
3065	4-(1-Menthoxy)-2-butanone	2593		4-[(1R,2S,5R)-2-Isopropyl-5-methylcyclohexyl]-oxybutan-2-one
3066	Immortelle absolute (Helichrysum angustifolium DC.)		8023-95-8	
3067	Immortelle extract (Helichrysum angustifolium DC.)	2592	8023-95-8	Everlasting oil, Helichrysum angustifolium DFC.
3068	Imperatoria (Peucedanum ostruthium (L.) Koch) (Imperatoria ostruthium L.)		90082-65-8	Puncedanum ostruthium
3069	Indole	2593	120-72-9	1-Benzazole, Benzopyrrole, 2,3-Benzopyrrole
3070	Indole (natural)	2593	120-72-9	
3071	alpha-Ionene	4264	475-03-06	Frambilene, Ionene, Raspbilene, 1,2,3,4-Tetrahydro-1,1,6-trimethylnaphthalene, 1,1,6-Trimethyl-1,2,3,4-tetrahydronaphthalene, 1,1,6-Trimethyltetraline
3072	alpha-Ionol	3624	25312-34-9	4-(2,6,6-Trimethyl-2-cyclohexenyl)-3-buten-2-ol
3073	beta-Ionol	3625	22029-76-1	4-(2,6,6-Trimethyl-1-cyclohexenyl)-3-buten-2-ol
3074	Ionone		8013-90-9	
3075	alpha-Ionone	2594	127-41-3	alpha-Irisone, 4-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-3-buten-2-one
3076	alpha-Ionone (natural)	2594	127-41-3	
3077	beta-Ionone	2595	14901-07-6	Irisone, 4-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-3-buten-2-one
3078	trans-beta-Ionone	2595	79-77-6	

Sl.No.	Material Name	FEMA	CAS	Synonyms
3079	trans-beta-Ionone (natural)	2595	79-77-6	
3080	beta-Ionone epoxide	4144	23267-57-4	
3081	gamma-Ionone	3175	79-76-5	4-(2,2-Dimethyl-6-methylenecyclohexyl)-3-buten-2-one, 4-(2-Methylene-6,6-dimethylcyclohexyl)-3-buten-2-one
3082	alpha-Ionyl acetate		52210-18-1	
3083	beta-Ionyl acetate	3844	22030-19-9	
3084	4-Isopropyl-2-cyclohexenone artificial	3939	500-02-7	
3085	Irish moss extract (Chondrus crispus)	2596	01-07-9000	Carrageen, extract, Chondrus crispus L. Stackh., Chondrus, extract
3086	alpha-Irone	2597	79-69-6	6-Methyl-alpha-ionone, 6-Methylionone, 4-(2,5,6,6-Tetramethyl-2-cyclohexen-1-yl)-3-buten-2-one
3087	Isoambrettolide	4145	28645-51-4	Oxacycloheptadec-10-en-2-one
3088	Isoamyl acetate	2055	123-92-2	Amyl iso 3-oxobutanoate, Isoamyl beta-ketobutyrate, Isopentyl acetoacetate, Isopentyl beta-ketobutyrate, Isopentyl 3-oxobutanoate, 3-Methylbutyl acetoacetate, 3-Methylbutyl beta-ketobutyrate, 3-Methylbutyl 3-oxobutanoate
3089	Isoamyl acetate (natural)	2055	123-92-2	
3090	Isoamyl acetoacetate	3551	2308-18-1	Amyl (iso) acetate, Amyl acetate, common, Isoamyl ethanoate, 3-Methylbutyl acetate, beta-Methylbutyl acetate
3091	Isoamyl alcohol	2057	123-51-3	Isobutyl carbinol, Isopentyl alcohol, 3-Methyl-1-butanol
3092	Isoamyl alcohol (natural)	2057	123-51-3	3-Methyl-1-butanol
3093	Isoamyl angelate		10482-55-0	3-Methylbutyl cis-2-methyl-2-butenolate
3094	Isoamyl benzoate	2058	94-46-2	Isopentyl benzoate, 3-Methylbutyl benzoate
3095	Isoamyl benzoate (natural)	2058	94-46-2	
3096	Isoamyl butyrate	2060	106-27-4	Isoamyl butanoate, Isopentyl butanoate, Isopentyl butyrate, 3-Methylbutyl butanoate
3097	Isoamyl butyrate (natural)	2060	106-27-4	
3098	Isoamyl cinnamate	2063	7779-65-9	Isoamyl beta-phenylacrylate, Isopentyl cinnamate, Isopentyl 3-phenylpropenoate
3099	Isoamyl cinnamate (natural)	2063	7779-65-9	

Sl.No.	Material Name	FEMA	CAS	Synonyms
3100	Isoamyl crotonate		25415-77-4	
3101	Isoamyl decanoate		2306-91-4	3-Methylbutyl decanoate
3102	Isoamyl decanoate (natural)		2306-91-4	
3103	Isoamyl eugenol			
3104	Isoamyl formate	2069	110-45-2	Isoamyl methanoate, Isopentyl formate, Isopentyl methanoate, 3-Methylbutyl formate
3105	Isoamyl 4-(2-furan)butyrate	2070	7779-66-0	Isoamyl 2-furanbutyrate, Isoamyl furfurylpropionate, Isopentyl 2-furanbutyrate, 3-Methylbutyl 2-furanbutyrate, 3-Methylbutyl 2-furylbutyrate
3106	Isoamyl 3(2-furan)propionate	2071	7779-67-1	Amyl (iso) 2-furanpropionate, Isoamyl 2-furanpropionate, Isoamyl furfurylacetate, Isoamyl 2-furylpropionate, Isopentyl 2-furanpropionate, 3-Methylbutyl 3-furylpropionate
3107	Isoamyl geranate		68133-73-3	
3108	Isoamyl heptanoate		109-25-1	
3109	Isoamyl heptine carbonate		68555-60-2	
3110	Isoamyl hexanoate	2075	2198-61-0	Isoamyl caproate, Isopentyl caproate, Isopentyl hexanoate, 3-Methylbutyl hexanoate
3111	Isoamyl hexanoate (natural)	2075	2198-61-0	
3112	Isoamyl isobutyrate	3507	03-01-2050	Isoamyl 2-methylpropanoate, Isopentyl isobutyrate, Isopentyl 2-methylpropanoate, 3-Methylbutyl 2-methylpropanoate
3113	Isoamyl isobutyrate (natural)	3507	03-01-2050	
3114	Isoamyl isothiocyanate	4423	628-03-5	Isopentyl isothiocyanate, 1-Isothiocyanato-3-methylbutane, 3-Methylbutyl isothiocyanate
3115	Isoamyl isovalerate	2085	659-70-1	Isoamyl isopentanoate, Isoamyl isovalerianate, Isoamyl 3-methylbutanoate, Isopentyl isopentanoate, Isopentyl isovalerate, Isopentyl 3-methylbutanoate, 3-Methylbutyl 3-methylbutanoate, 3-Methylbutyl 3-methylbutyrate
3116	Isoamyl isovalerate (natural)	2085	659-70-1	
3117	Isoamyl lactate		19329-89-6	3-Methylbutyl 2-hydroxypropionate

Sl.No.	Material Name	FEMA	CAS	Synonyms
3118	Isoamyl laurate	2077	6309-51-9	Isoamyl dodecanoate, Isopentyl dodecanoate, Isopentyl dodecylate, Isopentyl laurate, 3-Methylbutyl laurate
3119	Isoamyl laurate (natural)	2077	6309-51-9	
3120	Isoamyl levulinate	4481	71172-75-3	Isopentyl levulinate, Levulinic acid, isopentyl ester, Pentanoic acid, 4-oxo-, 3-methylbutyl ester
3121	Isoamyl-2-methylbutanoate			
3122	Isoamyl nonanoate	2078	7779-70-6	Isoamyl nonylate, Isoamyl pelargonate, Isopentyl nonanoate, Isopentyl nonylate, Isopentyl pelargonate, 3-Methylbutyl nonanoate, 3-Methylbutyl pelargonate
3123	Isoamyl octanoate	2080	2035-99-6	Isoamyl caprylate, Isoamyl octylate, Isopentyl octanoate, Isopentyl octylate, 3-Methylbutyl octanoate
3124	Isoamyl octanoate (natural)	2080	2035-99-6	
3125	Isoamyl phenylacetate	2081	102-19-2	Amyl (iso) phenylacetate, Isoamyl alpha-toluate, Isopentyl phenylacetate
3126	Isoamyl phenylacetate (natural)	2081	102-19-2	
3127	Isoamyl 3-phenylpropionate			
3128	Isoamyl propionate	2082	105-68-0	Isoamyl propanoate, Isopentyl propanoate, Isopentyl propionate, 3-Methylbutyl propanoate, 3-Methylbutyl propionate
3129	Isoamyl propionate (natural)	2082	105-68-0	
3130	Isoamyl pyruvate	2083	7779-72-8	Amyl pyruvate, Isopentyl pyruvate, 3-Methylbutyl 2-oxopropanoate, Pentyl pyruvate
3131	Isoamyl salicylate	2084	87-20-7	Isopentyl o-hydroxybenzoate, Isoamyl o-hydroxybenzoate, Isopentyl salicylate, 3-Methylbutyl o-hydroxybenzoate, 3-Methylbutyl salicylate
3132	Isoamyl salicylate (natural)	2084	87-20-7	
3133	Isoamyl senecioate		56922-73-7	3-Methylbutyl 3-methyl-2-butenate, 3-Methyl 3-methylbutyl 2-butenic acid
3134	Isoamyl 3-thiomethylpropionate		93762-35-7	
3135	Isoamyl tiglate		41519-18-0	
3136	Isoamyl undecylenate		12262-03-2	

Sl.No.	Material Name	FEMA	CAS	Synonyms
3137	Isoamyl valerate		01-09-2050	Isoamyl pentanoate, 3-Methylbutyl
3138	Isoborneol	2158	124-76-5	exo-2-Bornanol, Borneol(iso), exo-2-Camphanol, iso-Camphol, Isobornyl alcohol, exo-1,7,7-Trimethylbicyclo[2.2.1]heptan-2-ol
3139	Isobornyl acetate	2160	125-12-2	exo-2-Bornyl acetate, Isobornyl ethanoate
3140	Isobornyl butyrate		58479-55-3	
3141	Isobornylcyclohexanol		68877-29-2	
3142	Isobornyl formate	2162	1200-67-5	exo-2-Bornyl formate, exo-2-Camphanyl formate, Isobornyl methanoate
3143	Isobornyl isobutyrate	4146	85586-67-0	Silvanat
3144	Isobornyl isovalerate	2166	7779-73-9	Isobornyl isopentanoate, Isobornyl isovalerianate, Isobornyl 3-methylbutanoate
3145	Isobornylmethoxycyclohexanol			
3146	Isobornyl 2-methylbutyrate	4147		
3147	Isobornyl methyl ether		5331-32-8	2-Methoxy-1,7,7-trimethylbicyclo[2.2.1]heptane
3148	Isobornyl 2-methylpropionate		85586-67-0	
3149	Isobornyl phenylacetate		94022-06-7	
3150	Isobornyl propionate	2163	2756-56-1	exo-2-Bornyl propionate, exo-2-Camphanyl propionate
3151	Isobutanal propyleneglycol acetal	4379		2-Isopropyl-4-methyl-1,3-dioxolane
3152	Isobutyl acetate	2175	110-19-0	Isobutyl ethanoate, 2-Methyl-1-propyl acetate
3153	Isobutyl acetate (natural)	2175	110-19-0	
3154	Isobutyl acetoacetate	2177	7779-75-1	Isobutyl 3-ketobutanoate, Isobutyl 3-ketobutyrate, Isobutyl 3-oxobutanoate, 2-Methyl-1-propyl acetoacetate
3155	Isobutyl alcohol	2179	78-83-1	Isobutanol, Isopropyl carbinol, 2-Methyl-1-propanol
3156	Isobutyl alcohol (natural)	2179	78-83-1	
3157	Isobutylamine	4239	78-81-9	1-Amino-3-methylpropane, 2-Methylpropylamine
3158	Isobutyl angelate	2180	7779-81-9	Isobutyl cis-2-methyl-2-butenate

Sl.No.	Material Name	FEMA	CAS	Synonyms
3159	Isobutyl anthranilate	2182	777-77-3	Isobutyl 2-aminobenzoate, Isobutyl o-aminobenzoate
3160	Isobutyl benzoate	2185	120-50-3	2-Methylpropyl benzoate
3161	Isobutyl benzoate (natural)	2185	120-50-3	
3162	Isobutyl benzyl carbinol	2208	7779-78-4	Benzylisoamyl alcohol, Benzyl isobutyl carbinol, alpha-Isobutylphenethyl alcohol, 4-Methyl-1-phenyl-2-pentanol, 2-Methylpropyl benzyl carbinol
3163	Isobutyl 2-butenolate	3432	589-66-2	Isobutyl crotonate
3164	Isobutyl butyrate	2187	539-90-2	Isobutyl butanoate, 2-Methyl-1-propyl butyrate
3165	Isobutyl butyrate (natural)	2187	539-90-2	
3166	Isobutyl caproate	2202	105-79-3	Isobutyl hexanoate, 2-Methyl-1-propyl caproate
3167	Isobutyl caproate (natural)	2202	105-79-3	
3168	Isobutyl caprylate		03-06-5461	2-Methylpropyl octanoate
3169	Isobutyl caprylate (natural)		03-06-5461	
3170	Isobutyl cinnamate	2193	122-67-8	Isobutyl beta-phenylacrylate, Isobutyl 3-phenylpropenoate, Labdanol, 2-Methylpropyl cinnamate, 2-Methylpropyl beta-phenylacrylate, 2-Methylpropyl 3-phenylpropenoate
3171	Isobutyl decanoate		30673-38-2	2-Methylpropyl decanoate
3172	N-Isobutyldeca-trans-2-trans-4-dien-amide	4148	18836-52-7	(E,E)-N-Isobutyldeca-2,4-dienamide
3173	2(4)-Isobutyl-4(2),6-Dimethyldihydro(4H)1,3,5-dithiazine	3781	101517-87-7	Dimethylisobutyldihydro-1,3,5-dithiazine
3174	2-Isobutyl-4,5-dimethyloxazole	4397	26131-91-9	2-(2-Methylpropyl)-4,5-dimethyloxazole
3175	Isobutyl formate	2197	542-55-2	Isobutyl methanoate, 2-Methyl-1-propyl formate, Tetryl formate
3176	Isobutyl formate (natural)	2197	542-55-2	
3177	Isobutyl furylpropionate	2198	105-01-1	Isobutyl 2-furanpropionate, Isobutyl 3-(2-furan)propionate, Isobutyl furfurylacetate, 2-Methylpropyl 3-(2-furan)propanoate
3178	Isobutyl heptanoate	2200	7779-80-8	Isobutyl heptoate, 2-Methyl-1-propyl heptanoate
3179	2-Isobutyl-4-hydroxy-4-methyltetrahydropyran		63500-71-0	

Sl.No.	Material Name	FEMA	CAS	Synonyms
3180	Isobutyliionone		70092-23-8	
3181	Isobutyl isobutyrate	2189	97-85-8	Isobutyl 2-methylpropanoate, 2-Methyl-1-propyl 2-methylpropanoate
3182	Isobutyl isobutyrate (natural)	2189	97-85-8	
3183	Isobutyl isocaproate			
3184	Isobutyl isothiocyanate	4424	591-82-2	1-Isothiocyano-2-methylpropane, 2-Methylpropyl isothiocyanate, 2-Methyl-1-propyl isothiocyanate
3185	Isobutyl isovalerate	3369	589-59-3	
3186	Isobutyl isovalerate (natural)	3369	589-59-3	
3187	Isobutyl lactate		61597-96-4	
3188	Isobutyl linalool		585-24-0	
3189	2-Isobutyl-3-methoxypyrazine	3132	24683-00-9	2-Methoxy-3(6)-isobutylpyrazine
3190	Isobutyl N-methylantranilate	4149	65505-24-0	Isobutyl 2-Methylaminobenzoate, 2-Methylpropyl 2-methylaminobenzoate
3191	Isobutyl 2-methylbutyrate		2445-67-2	2-Methylpropyl 2-methylbutyrate
3192	cis- and trans-2-Isobutyl-4-methyl-1,3-dioxolane	4286	18433-93-7	Z- and E-2-Isobutyl-4-methyl-1,3-dioxolane, Isovaleraldehyde propyleneglycol acetal, Z- and E-3-Methylbutyraldehyde propylene glycol acetal
3193	p-Isobutyl-alpha-methylhydrocinnamaldehyde		6658-48-6	
3194	2-Isobutyl-3-methylpyrazine	3133	13925-06-9	2-Methyl-3-isobutylpyrazine
3195	2-Isobutyl-4-methylthiazole		61323-24-8	
3196	2-Isobutyl-5-methylthiazole			
3197	(+/-)-Isobutyl 3-methylthiobutyrate	4150	127931-21-9	
3198	Isobutyl nonanoate		30982-03-7	Isobutyl pelargonate
3199	Isobutyl phenylacetate	2210	102-13-6	Isobutyl alpha-toluate, 2-Methylpropyl phenylacetate
3200	Isobutyl phenylacetate (natural)	2210		
3201	Isobutyl propionate	2212	540-42-1	Isobutyl propanoate, 2-Methyl-1-propyl propanoate
3202	Isobutyl propionate (natural)	2212	540-42-1	
3203	2-Isobutylpyrazine		29460-92-2	

Sl.No.	Material Name	FEMA	CAS	Synonyms
3204	Isobutyl quinoline		65442-31-1	Butylchinolin, Butyl quinoline secondary, Quinoline, [2-methylpropyl]-, Sec butoquinoline
3205	2-Isobutylquinoline		93-19-6	sec-6-Butylquinoline
3206	Isobutyl salicylate	2213	87-19-4	Isobutyl o-hydroxybenzoate, 2-Methylpropyl 2-hydroxybenzoate, 2-Methyl-1-propyl salicylate
3207	Isobutyl sorbate		61041-75-6	
3208	Isobutyl sulfide		592-65-4	
3209	2-Isobutylthiazole	3134	18640-74-9	
3210	2-Isobutylthiazole (natural)	3134		
3211	2-Isobutyl-3-thiazoline		37172-05-3145	
3212	Isobutyl tiglate		61692-84-0	2-Methylpropyl trans-2-methyl-2-butenolate
3213	Isobutyl 10-undecenoate	4358	5421-27-2	
3214	Isobutyl n-valerate		10588-10-0	2-Methylpropyl pentanoate
3215	Isobutyraldehyde	2220	78-84-2	Isobutyl aldehyde, Isobutyric aldehyde, 2-Methylpropanal
3216	Isobutyraldehyde (natural)	2220	78-84-2	
3217	Isobutyric acid	2222	79-31-2	Isopropylformic acid, 2-Methylpropanoic acid
3218	Isobutyric acid (natural)	2222	79-31-2	
3219	Isobutyronitrile		78-82-0	
3220	Isobutyrophenone		611-70-1	
3221	Isocyclocitral		1335-66-6	2,4,6-Trimethyl-3-cyclohexen-1-carboxaldehyde
3222	Isocyclogeraniol		68527-77-5	2,4,6-Trimethyl-3-cyclohexene methanol
3223	Isodecyl acetate		69103-24-8	
3224	Isodihydrolavandulol		40853-53-0	2-Isopropyl-5-methyl-2-hexene-1-ol
3225	Isodihydrolavandulyl acetate			
3226	Isodihydrolavandulylaldehyde		37172-05-3160	
3227	Isoeugenol	2468	97-54-1	1-Hydroxy-2-methoxy-4-(1-propenyl)benzene, 3-Methoxy-4-hydroxy-1-propen-1-ylbenzene, 2-Methoxy-4-(1-propenyl)phenol, 4-Propenylguaiacol

Sl.No.	Material Name	FEMA	CAS	Synonyms
3228	Isoeugenol isoamyl ether			
3229	Isoeugenyl acetate	2470	93-29-8	Acetyl isoeugenol (artificial), Isoeugenol acetate, 2-Methoxy-4-(1-propenyl)phenyl acetate
3230	Isoeugenyl benzyl ether	3698	120-11-6	Benzyl isoeugenol, Benzyl 2-methoxy-4-propenylphenyl ether, 1-Benzyl-2-methoxy-4-propenylbenzene, 2-Methoxy-4-propenylphenyl benzyl ether, 4-Propenyl-1-(benzyloxy)-2-methoxybenzene
3231	Isoeugenyl butyl ether		115422-59-8	
3232	Isoeugenyl ethyl ether	2472	7784-67-0	1-Ethoxy-2-methoxy-4-(1-propenyl)benzene, 2-Ethoxy-5-propenylanisole, Ethyl isoeugenol
3233	Isoeugenyl formate	2474	7774-96-1	2-Methoxy-4-propenylphenyl formate, 2-Methoxy-4-(1-propenyl)phenyl formate, 4-(1-Propenyl)-2-methoxyphenyl formate
3234	Isoeugenyl methyl ether	2476	93-16-3	1,2-Dimethoxy-4-(1-propenyl)benzene, 3,4-Dimethoxy-1-(1-propenyl)benzene, Isoeugenol methyl ether, Methylisoeugenol, 4-Propenylveratrole
3235	Isoeugenyl phenylacetate	2477	120-24-1	Isoeugenyl alpha-toluate, 2-Methoxy-4-propenylphenyl phenylacetate, 2-Methoxy-4-(1-propenyl)phenyl phenylacetate, 4-Propenylguaiaicyl phenylacetate
3236	Isohexenyltetrahydrobenzaldehyde		37677-14-8	Isohexenyl cyclohexenyl carboxyaldehyde, 4-(3)(4)-Methyl-3-penten-1-yl)-3-cyclohexane carboxyaldehyde, 4-(4-Methyl-3-penten-1-yl)-3-cyclohexane carboxyaldehyde, 4-(4-Methyl-3-penten-1-yl)-3-cyclohexen-1-carboxyaldehyde, Vertimugal
3237	Isojasmone	3552	95-41-0	2-Hexyl-2-cyclopenten-1-one and 2-hexylidenecyclopentanone (mixture)
3238	Isojasmone(natural)	3552	95-41-0	
3239	d,l-Isoleucine	3259	443-79-8	2-Amino-3-methylpentanoic acid, alpha-Amino-beta-methylvaleric acid
3240	L-Isoleucine	4675	73-32-5	

Sl.No.	Material Name	FEMA	CAS	Synonyms
3241	Isolongifolanone		23787-90-8	3-H-4-Oxo-2,2,7,7-tetramethyl tricyclo 6.2.0.3,8 undecane, Valanone B
3242	Isolongifolene		1135-66-6	
3243	Isolongifolene epoxide		67999-56-8	
3244	Isolongifolene ketone		33407-62-4	
3245	Isomenthone		491-07-6	
3246	d,l-Isomenthone	3460	36977-92-1	d,l-cis-para-Menthan-3-one, 1-Methyl-4-isopropyl-3-cyclohexanone
3247	alpha-Isomethionyl acetate	3845	68555-61-3	3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-yl acetate
3248	alpha-Isomethylionol		51595-91-6	
3249	alpha-Isomethylionone		127-51-5	Iraldeine gamma, Methyl-gamma-ionone (so called), Methylionone-gamma, Raldeine gamma, 4-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-3-methyl-3-buten-2-one)
3250	beta-Isomethylionone	4151	79-70-9	
3251	alpha-Isomethylionyl acetate		68555-61-3	
3252	2-Methylbutyl isobutyrate		2445-69-4	
3253	Isomethyltetrahydroionol		60241-53-4	Hexahydro Iraldein (Symrise)
3254	Isomethyltetrahydroionyl acetate		60241-55-6	
3255	Isononanal diethyl acetal		67923-83-5	
3256	Isononanal dimethyl acetal		72894-13-4	Isononylaldehyde dimethyl acetal
3257	Isononanoylnitrile		51729-59-0	Isononanonitrile, Isononyl nitrile
3258	Isononyl acetate		40379-24-6	
3259	Isononyl propionate		65155-45-5	
3260	Isooctanal diethyl acetal		69178-43-4	
3261	Isooctyl propionate		68928-75-6	
3262	Isopentylamine	3219	107-85-7	1-Aminoisopentane, Isoamylamine, Isobutyl carbylamine, 3-Methylbutylamine
3263	Isopentylidene isopentylamine	3990	35448-31-8	
3264	Isopentyl 3-phenylpropionate			
3265	Isophorone	3553	78-59-1	Isoacetophorone, 3,5,5-Trimethyl-2-cyclohexen-1-one
3266	Isophyton		505-32-8	iso-phytol

Sl.No.	Material Name	FEMA	CAS	Synonyms
3267	Isopinocampnone		18358-53-7	
3268	isoprenol		763-32-6	3-methyl-3-buten-1-ol
3269	Isoprenyl acetate	3991	02-07-5205	3-methyl-3-butenyl acetate
3270	Isopropenyl acetate	4152	108-22-5	
3271	cis-5-Isopropenyl-cis-2-methylcyclopentan-1-carboxaldehyde	3645	55253-28-6	cis-2-Methyl-cis-5-isopropenylcyclopentan-1-carboxaldehyde
3272	5-Isopropenyl-2-methyl-2-vinyltetrahydrofuran	3759	13679-86-2	Anhydro linalool oxide, Dehydroxy linalool oxide, 2-Ethenyl-2-methyl-5-(1-methylethenyl)tetrahydrofuran
3273	3-Isopropenyl-6-oxoheptanoic acid	4461	4436-82-2	3-(1-Methylethenyl)-6-oxo-heptanoic acid, 6-Oxo-3-(prop-1-en-2-yl)heptanoic acid
3274	3-Isopropenylpentanedioic acid	4352	6839-75-4	
3275	Isopropenylpyrazine	3296	38713-41-6	2-Isopropenyl-1,4-diazine
3276	Isopropoxyethyl salicylate		79915-74-5	
3277	2-Isopropoxy 3-methyl pyrazine		94089-22-2	
3278	2-Isopropoxy-3(6)-methylpyrazine		94089-22-2	
3279	Isopropyl acetate	2926	108-21-4	
3280	p-Isopropylacetophenone	2927	645-13-6	Acetocumene, p-Acetylcumene, p-Isopropylacetylbenzene, Methyl p-Isopropylphenyl ketone
3281	Isopropyl alcohol	2929	67-63-0	Dimethyl carbinol, IPA, Isopropanol, Petrohol, 2-Propanol, sec-Propyl alcohol
3282	Isopropylamine	4238	75-31-0	
3283	Isopropyl benzoate	2932	939-48-0	1-Methylethyl benzoate
3284	p-Isopropylbenzyl acetate		59230-57-8	Cuminyl acetate
3285	p-Isopropylbenzyl alcohol	2933	536-60-7	Cumin alcohol, Cuminic alcohol, Cuminol, Cuminyl alcohol, p-Cymen-7-ol, p-iso-Propylbenzyl alcohol
3286	Isopropyl trans-2-butenate		6284-46-4	
3287	Isopropyl butyrate	2935	638-11-9	Isopropyl n-butanate
3288	Isopropyl caprate		2311-59-3	Isopropyl decanoate
3289	Isopropyl cinnamate	2939	05-06-7780	Isopropyl 3-phenylpropenoate, 1-Methylethyl 3-phenylpropenoate

Sl.No.	Material Name	FEMA	CAS	Synonyms
3290	2-(4-Isopropylcyclohexadienyl)ethyl formate		68683-20-5	Isobergamate, Menthadiene-7-methyl formate, Menthadienyl formate
3291	4-Isopropylcyclohexanol		09-04-4621	
3292	4-Isopropyl-2-cyclohexenone nature identical		500-02-7	
3293	1-(4-Isopropylcyclohexyl)ethanol		63767-86-2	Mugetanol
3294	6-Isopropyl-2-decahydronaphthalenol		34131-99-2	6-Isopropyl-2-decalol
3295	2(4)-Isopropyl-4(2),6-dimethyldihydro(4H)1,3,5-dithiazine	3782	104691-41-0	Dimethylisopropylidihydro-1,3,5-dithiazine
3296	4-Isopropyl-5,5-dimethyl-1,3-dioxane		3583-00-4	
3297	Isopropyl dodecanoate		10233-13-3	
3298	Isopropyl formate	2944	625-55-8	Isopropyl methanoate
3299	Isopropyl hexanoate	2950	2311-46-8	Isopropyl caproate, Isopropyl capronate, Isopropyl hexylate
3300	Isopropyl hexanoate (natural)	2950	2311-46-8	
3301	6-Isopropyl-2[1H]octahydronaphthalenone		34131-98-1	
3302	p-Isopropylhydratropaldehyde		34291-99-1	
3303	Isopropylidenglyceryl 5-hydroxydecanoate	4611	172201-58-0	Decanoic acid, 5-hydroxy-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester, 5-Hydroxydecanoic acid, glycerol acetone ketal ester
3304	Isopropyl isobutyrate	2937	617-50-5	Isopropyl 2-methylpropanoate
3305	Isopropyl isothiocyanate	4425	2253-73-8	Isopropyl mustard, Isopropyl mustard oil, 2-Isothiocyanatopropane, 2-Propyl isothiocyanate
3306	Isopropyl isovalerate	2961	32665-23-9	Isopropyl isopentanoate, Isopropyl isovalerianate, Isopropyl 3-methylbutanoate
3307	Isopropyl levulinate		21884-26-4	
3308	Isopropylmethoxypyrazine	3358	93905-03-4	2-Isopropyl-3-methoxypyrazine artificial, 2-Methoxy-3-(1-methylethyl)pyrazine
3309	5-Isopropyl-2-methylacetophenone		1202-08-0	
3310	S-Isopropyl 3-methylbut-2-enethioate	4260	34365-79-2	
3311	Isopropyl 2-methylbutyrate	3699	66576-71-4	

Sl.No.	Material Name	FEMA	CAS	Synonyms
3312	cis- and trans-2-Isopropyl-4-methyl-1,3-dioxolane	4287	67879-60-1	Z- and E-Isobutyraldehyde propylene glycol acetal, Z- and E-2-Isopropyl-4-methyl-1,3-dioxolane, 4-Methyl-2-(1-methylethyl)-1,3-dioxolane
3313	2-Isopropyl-5-methyl-2-hexenal	3406	35158-25-9	
3314	2-Isopropyl-5-methyl-2-hexene-1-yl acetate		40853-56-3	
3315	(+/-)-[R,(E)]-5-Isopropyl-8-methylnona-6,8-dien-2-one	4331	2278-53-7	Virginione
3316	2-Isopropyl-5-methylphenyl formate			
3317	4-Isopropyl-1-methyl-2-propenylbenzene		14374-92-6	
3318	5-Isopropyl-2-methylpyrazine	3554	13925-05-8	2-Methyl-5-isopropylpyrazine
3319	2-(5-Isopropyl-2-methyl-tetrahydrothiophen-2-yl)-ethyl acetate	4824		Tetrahydro-2-methyl-5-(1-methylethyl)-2-thiopheneethanol acetate
3320	2-Isopropyl-4-methylthiazole	3555	15679-13-7	
3321	2-Isopropyl-4-methylthiazole (natural)		15679-13-7	
3322	2-Isopropyl-3-methylthiopyrazine		67952-59-4	2-Methylthio-3-isopropylpyrazine
3323	Isopropyl myristate	3556	110-27-0	Isopropyl tetradecanoate
3324	Isopropyl nicotinate		553-60-6	
3325	Isopropyl nonanoate		28267-32-5	Isopropyl nonylate, Isopropyl pelargonate
3326	Isopropyl nonylate nature identical		28267-32-5	
3327	Isopropyl octanoate		5458-59-3	Isopropyl caprylate
3328	Isopropyl 4-oxopentanoate		21884-26-4	
3329	Isopropyl palmitate		142-91-6	Isopropyl hexadecanoate
3330	2-Isopropylphenol	3461	88-69-7	o-Cumenol, 1-Hydroxy-2-isopropylbenzene, o-Isopropylphenol
3331	3-Isopropylphenol		618-45-1	
3332	4-Isopropylphenol		99-89-8	
3333	Isopropylphenylacetaldehyde		1335-44-0	Isopropyl alpha-toluate
3334	p-Isopropylphenylacetaldehyde	2954	4395-92-0	Cortexal, Cumylacetaldehyde, p-Cymen-7-carboxaldehyde

Sl.No.	Material Name	FEMA	CAS	Synonyms
3335	Isopropyl phenylacetate	2956	4861-85-2	Isopropyl alpha-toluate
3336	3-(3-Isopropylphenyl)butyraldehyde		125109-85-5	Florhydral, beta-Methyl-3-(1-methylethyl)benzenepropanal
3337	3-(p-Isopropylphenyl)propionaldehyde	2957	7775-00-0	Cuminylacetaldehyde, p-Cymylpropanal, p-Isopropylhydrocinnamaldehyde
3338	Isopropyl propionate	2959	637-78-5	Isopropyl propanoate
3339	2-Isopropylpyrazine artificial	3940	29460-90-0	
3340	2-Isopropylpyrazine nature identical		29460-90-0	
3341	2-Isopropylpyridine		644-98-4	
3342	4-Isopropylpyridine		696-30-0	
3343	6-Isopropylquinoline		135-79-5	
3344	Isopropyl sorbate		44987-75-9	
3345	Isopropyl sulfide		625-80-9	Diisopropyl sulfide
3346	Isopropyl tiglate	3229	1733-25-1	Isopropyl alpha-methylcrotonate, Propyl tiglate
3347	2-Isopropyl-N,2,3-trimethylbutyramide	3804	51115-67-4	N,2,3-Trimethyl-2-isopropylbutanamide, N,2,3-Trimethyl-2-(1-methylethyl)butanamide
3348	Isopropyl 10-undecenoate		5459-98-3	Isopropyl undecylenate
3349	Isopropyl valerate		18362-97-5	Isopropyl pentanoate
3350	Isopulegol	2962	89-79-2	p-8-Menthen-3-ol, p-Menth-8-en-3-ol, 1-Methyl-4-isopropenylcyclohexan-3-ol
3351	Isopulegol (natural)	2962	89-79-2	
3352	Isopulegone	2964	29606-79-9	1-Isopropenyl-4-methyl-2-cyclohexanone, p-Menth-8-en-3-one, 1-Methyl-4-isopropenyl-3-cyclohexanone
3353	Isopulegone (natural)	2964	29606-79-9	
3354	Isopulegyl acetate	2965	57576-09-7	Isopulegol acetate, p-Menth-8-en-3-yl acetate, 1-Methyl-4-isopropenylcyclohexan-3-yl acetate, Pulegol acetate
3355	Isoquercitrin, enzymatically modified	4225	482-35-9	
3356	Isoquinoline	2978	119-65-3	2-Azanaphthalene, 2-Benzazine, Benzopyridine, 3,4-Benzopyridine
3357	Isosafrole		120-58-1	
3358	Isotridecyl acetate		69103-23-7	

Sl.No.	Material Name	FEMA	CAS	Synonyms
3359	Isotridecyl alcohol		27458-29-0	
3360	Isovaleraldehyde diethyl acetal	4371	03-03-3842	1,1-Diethoxyisopentane, 1,1-Diethoxy-3-methylbutane
3361	Isovaleraldehyde glyceryl acetal	4380	54355-74-7	
3362	Isovaleric acid	3102	503-74-2	Delphinic acid, Isobutylic acid, Isopropylacetic acid, 3-Methylbutanoic acid, 3-Methylbutyric acid, beta-Methylbutyric acid, Valerianic acid (iso)
3363	Isovaleric acid (natural)	3102	503-74-2	
3364	Isovaline		595-39-1	
3365	Iva (Achillea moschata Jacq.)			Achillea moschata
3366	Iva extract (Achillea moschata Jacq.)			Musk yarrow
3367	Iyokan oil (Citrus iyo)	4857		Citrus iyo oil
3368	Jambu oleoresin (Spilanthes acmelia, oleracea)	3783	90131-24-1	
3369	Jasmine absolute (Jasminum grandiflorum L.)	2598	8022-96-6	
3370	Jasmine absolute (Jasminum sambac (L.) Aiton)			
3371	Jasmine concrete (Jasminum grandiflorum L.)	2599	8022-96-6	
3372	Jasmine concrete (Jasminum sambac (L.) Aiton)			
3373	Jasmine extract			
3374	Jasmine oil (Jasminum grandiflorum L.)	2600	8022-96-6	
3375	Jasmine spiritus (Jasminum grandiflorum L.)	2601	8022-96-6	
3376	cis-Jasmone	3196	488-10-8	Jasmone, 3-Methyl-2-(2-pentenyl)-2-cyclopenten-1-one
3377	Jojoba oil			
3378	Jonquil absolute (Narcissus jonquilla L.)		8023-75-4	
3379	Jonquil extract (Narcissus jonquilla L.)			
3380	Juniper absolute (Juniperus communis L.)		8012-91-7	
3381	Juniper berries (Juniperus communis L.)	2602	84603-69-0	

Sl.No.	Material Name	FEMA	CAS	Synonyms
3382	Juniper berry oil (<i>Juniperus communis</i> L.)	2604	8002-68-4	Genievre baies
3383	Juniper branches oil (<i>Juniperus communis</i> L.)		8012-91-7	
3384	Juniper extract (<i>Juniperus communis</i> L.)	2603	84603-69-0	
3385	Ka'a He'e leaves (<i>Stevia rebaudiana</i> Ber.)		91722-21-3	
3386	Kabosu oil (<i>Citrus sphaerocarpa</i>)	4864		Citrus sphaerocarpa oil
3387	Kaffir lime leaf oil			Combava petitgrain oil, Kaffir lime
3388	Kaffir lime oil			Combava oil
3389	Karaya gum (<i>Sterculia urens</i> Roxb.)	2605	9000-36-6	Kadaya, Katilo, Kullo, Kuteeral, Mucara, Sterculia, Sterculia urens Roxb., Tragacanth, Indian
3390	Karo-karoude absolute (<i>Leptactina senegambica</i>)		68916-95-0	
3391	Katemfe fruit extract	4831		Thaumatococcus daniellii fruit extract
3392	Kelp (<i>Laminaria</i> and <i>Kereocystis</i> spp.)	2606	92128-82-0	Laminaria spp., Mereocystis spp.
3393	Kerosene, deodorized		8044-51-7	Deobase
3394	2-Keto-4-butanethiol	3357	34619-12-0	4-Mercapto-2-butanone
3395	12-Ketopentadecanolide		38223-29-9	Ketodecanolid
3396	Kewda absolute (<i>Pandanus odoratissimus</i>)		91770-47-7	Pandanus odoratissimus
3397	Kewda concrete (<i>Pandanus odoratissimus</i>)		91770-47-7	
3398	Kiwi concentrate			
3399	Kiwi distillate			
3400	Kokila oil (<i>Cinnamomum glaucens</i>)			
3401	Kola nut extract (<i>Cola acuminata</i> Schott et Endl.)	2607	89997-82-0	Cola
3402	Kola nut extract (<i>Cola nitida</i> (Vent.) Schott. & Endl.)		84696-01-5	
3403	Kumquat oil (<i>Citrus japonica</i> Thum.)		91722-64-4	Fortunella japonica Swingle
3404	Labdanum absolute (<i>Cistus</i> spp.)	2608	8016-26-0	
3405	Labdanum extract (resinoid) (<i>Cistus ladaniferus</i>)	2610	8016-26-0	Ambreine, Cistus extract
3406	Labdanum oil (<i>Cistus ladaniferus</i>)	2609	80166-26-0	Ambreine oil, Cistus oil, Cistus spp.

Sl.No.	Material Name	FEMA	CAS	Synonyms
3407	Lactic acid	2611	598-82-3	2-Hydroxypropanoic acid, alpha-Hydroxypropanoic acid, 2-Hydroxypropionic acid
3408	Lactic acid (natural)	2611	598-82-3	
3409	N-Lactoyl ethanolamine	4256	5422-34-4	N-(beta-Hydroxyethyl)actamide, N-(2-Hydroxyethyl)-lactamide, N-Hydroxyethylactamide, (2R)-2-Hydroxy-N-(2-hydroxyethyl)propanamide, 2-Hydroxy-N-(2-hydroxyethyl)-propanamide, Lactamide MEA, Lactic acid monoethanolamide, Lactonyl ethanolamine, Lactoyl ethanolamine
3410	N-Lactoyl ethanolamine phosphate	4257	782498-03-7	N-(2-Hydroxy-1-oxopropyl)ethanolamine O-phosphate, 2-[(2-Hydroxypropanoyl)amino]ethyl dihydrogen phosphate, Phosphoric acid mono-[2-(2-hydroxypropionylamino)-ethyl] ester
3411	(+/-)-N-Lactoyl tyramine	4550	781674-18-8	2-Hydroxy-N-[2-(4-hydroxyphenyl)ethyl]-propanamide
3412	Lactylated fatty acid esters of glycerol and propylene glycol	4153		
3413	L-Alanyl-L-glutamine	4712	39537-23-0	Glutamine, N2-L-alanyl-
3414	Laurel berries (<i>Laurus nobilis</i> L.)	2612	8007-48-5	
3415	Laurel leaves oil (<i>Laurus nobilis</i>)		8002-41-3	
3416	Laurel leaves extract/oleoresin (<i>Laurus nobilis</i> L.)	2613	84603-73-6	
3417	Lauric acid	2614	143-07-7	Dodecanoic acid, Dodecoic acid, Laurostearic acid
3418	Lauric acid (natural)	2614	143-07-7	
3419	Lauric aldehyde	2615	112-54-9	Aldehyde C-12 lauric, Dodecanal, Dodecyl aldehyde, Lauraldehyde, Lauryl aldehyde
3420	Lauric aldehyde (natural)	2615	112-54-9	
3421	Lauryl acetate	2616	112-66-3	Acetate C-12, Dodecanylacetate, Dodecanyl Dodecyl ethanoate, acetate, Lauryl ethanoate

Sl.No.	Material Name	FEMA	CAS	Synonyms
3422	Lauryl alcohol	2617	112-53-8	Alcohol C-12, 1-Dodecanol, Dodecyl alcohol, Undecyl carbinol
3423	Lauryl alcohol (natural)			
3424	Lauryl palmitate		42232-29-1	
3425	Lauryl salicylate			
3426	Lavandin abrialis			
3427	Lavandin absolute (Lavandula angustifolia x Lavandula latifolia)		8022-15-9	
3428	Lavandin concrete		8022-15-9	
3429	Lavandin oil (Lavandula angustifolia x Lavandula latifolia)	2618	8022-15-9	
3430	Lavandin oil, acetylated		8022-15-9	
3431	Lavandin oil (Lavandula hybrida)		8022-15-9	
3432	Lavandulol		498-16-8	
3433	Lavandulyl acetate		25905-14-0	
3434	Lavender (Lavandula angustifolia)	2619	8000-28-0	
3435	Lavender absolute (Lavandula angustifolia)	2620	8000-28-0	
3436	Lavender concrete (Lavandula angustifolia)	2621	97660-01-0	
3437	Lavender extract			
3438	Lavender oil (Lavandula angustifolia)	2622	8000-28-0	Lavender mailette
3439	Lavender water (Lavandula angustifolia)		90063-37-9	
3440	Leek oil (Allium porrum)		84650-15-7	Allium porrum
3441	Lemon carbonyls (Citrus limon (L.) Burm. F.)			
3442	Lemon concentrate (Citrus limon (L.) Burm. F.)			
3443	Lemon distillate (Citrus limon (L.) Burm. F.)			

Sl.No.	Material Name	FEMA	CAS	Synonyms
3444	Lemon essence oil (Citrus limon (L.) Burm. f.)	4852		Citrus limon (L.) Burm. f. essence oil
3445	Lemon essence, oil phase (Citrus limon (L.) Burm. F.)			
3446	Lemon essence, water phase (Citrus limon (L.) Burm. F.)			
3447	Lemon extract (Citrus limon (L.) Burm. f.)	2623	84929-31-7	
3448	Lemongrass extract (Cymbopogon flexuosus (Nees ex Steud) W. Wats.)	2624		
3449	Lemongrass herb (Cymbopogon flexuosus)			
3450	Lemongrass oil (Cymbopogon citratus (DC.) Stapf.)	2624	01-02-8007	Cymbopogon citratus
3451	Lemon juice (Citrus limon (L.) Burm. f.)			
3452	Lemon lime extract			
3453	Lemon myrtle oil (Backhousia citriodora)		84775-80-4	
3454	Lemon oil, distilled (Citrus limon (L.) Burm. f.)		8008-56-8	
3455	Lemon oil, expressed (Citrus limon (L.) Burm. f.)	2625	8008-56-8	Citrus limon (L.) Burm. F.
3456	Lemon oil, terpeneless (Citrus limon (L.) Burm. F.)	2626	68648-39-5	Cedro oil
3457	Lemon peel oleoresin (Citrus limon L. Burm. f.)			
3458	Lemon terpenes		68917-33-9	
3459	Lemon terpenes	4848		Citrus limon (L.) Burm. f. , terpenes
3460	Lemon terpenes (natural)		68917-33-9	
3461	Lemon verbena oil (Aloysia triphylla)			
3462	Lenthionine		292-46-6	
3463	Lentisk leaf oil		90082-82-9	
3464	I-Leucine	3297	61-90-5	alpha-Aminoisocaproic acid, 2-Amino-4-methylpentanoic acid, 2-Amino-4-methylvaleric acid
3465	I-Leucine (natural)	3297	61-90-5	
3466	Levosandol		28219-61-6	

Sl.No.	Material Name	FEMA	CAS	Synonyms
3467	Levulinic acid	2627	123-76-2	beta-Acetylpropionic acid, 3-Acetylpropionic acid, gamma-Ketovaleic acid, Laevulic acid, Laevulinic acid, 4-Oxopentanoic acid, gamma-Oxopentanoic acid, 4-Oxovaleic acid
3468	Liatris absolute (Liatris odoratissima)		68602-86-8	
3469	Licorice absolute			
3470	Licorice extract (Glycyrrhiza spp.)	2628	97676-23-8	Glycyrrhiza, extract
3471	Licorice extract powder (Glycyrrhiza glabra L.)	2629	68916-91-6	
3472	Licorice oil			
3473	Licorice root (Glycyrrhiza glabra L.)	2630	68916-91-6	Glycyrrhiza, Glycyrrhiza glabra L.
3474	Lime concentrate (Citrus aurantifolia (Christman) Swingle)			
3475	Lime distillate (Citrus aurantifolia (Christman) Swingle)			
3476	Lime essence (Citrus aurantifolia (Christman) Swingle)			
3477	Lime juice (Citrus aurantifolia (Christman) Swingle)			
3478	Lime (Mexican) extract			
3479	Lime oil, distilled (Citrus aurantifolia (Christman) Swingle)		8008-26-2	
3480	Lime oil, expressed Persian (Citrus latifolia Tanaka)			
3481	Lime oil, expressed furanocoumarin free (Citrus aurantifolia (Christman) Swingle)	2631	8008-26-2	Citrus medica var. acida
3482	Lime oil, expressed Tahiti			
3483	Lime oil, expressed, terpeneless (Citrus aurantifolia (Christman) Swingle)	2632	68916-84-7	
3484	Lime oil terpenes		68917-71-5	

Sl.No.	Material Name	FEMA	CAS	Synonyms
3485	Lime oxide		73018-51-6	
3486	Lime terpene	4849		Citrus aurantifolia Swingle, terpenes, Citrus latifolia, terpenes, Citrus medica var, acida, terpenes
3487	Limonene AB		5989-54-8	
3488	d-Limonene	2633	5989-27-5	Cajeputene, Carvene, Cinene, Citrene, Kautschin, Limonen D, d-Limonene rectified, d-1-Methyl-4-isopropenyl-1-cyclohexene
3489	Limonene dioxide		96-08-2	7-Oxabicyclo(4.1.0)heptane, 1-Methyl-4-(2-methyloxiranyl)-
3490	d,l-Limonene		138-86-3	Dipentene, alpha-Limonene, p-Mentha-1,8-diene
3491	d-Limonene (natural)	2633	5989-27-5	
3492	l-Limonene		5989-54-8	l-p-Mentha-1,8-diene
3493	l-Limonene (natural)		5989-54-8	
3494	D-Limonen-10-ol	4504	38142-45-9	(+)-Limonene-10-ol, (+)-(R)-p-Mentha-1,8(10)-dien-9-ol, 2-[(1R)-4-Methylcyclohex-3-en-1-yl]prop-2-en-ol
3495	Linaloe wood oil (Bursera delpechiana Poiss., other Bursera spp.)	2634	8006-86-8	Bursera spp.
3496	Linalool	2635	78-70-6	Coriander oil terpeneless, Coriandrol, 2,6-Dimethyl-2,7-octadien-6-ol, 3,7-Dimethyl-1,6-octadien-3-ol, Licareol, Linalol
3497	D-Linalool		126-90-9	
3498	Linalool (natural)	2635	78-70-6	l-Linalool
3499	Linalool oxide	3746	1365-19-1	2-Methyl-2-vinyl-5-(2-hydroxy-2-propyl)tetrahydrofuran
3500	Linalooloxide(5) acetate		56469-39-7	
3501	Linalooloxide acetates		67689-50-3	
3502	Linalool oxide (natural)	3746	1365-19-1	
3503	Linalool oxide pyranoid	4593	14049-11-7	6-Ethenyltetrahydro-2,2,6-trimethyl-2H-pyran-3-ol, 6-Ethenyl-2,2,6-trimethyltetrahydro-2H-pyran-3-ol, 2,2,6-Trimethyl-6-vinyltetrahydro-2H-pyran-3-ol

Sl.No.	Material Name	FEMA	CAS	Synonyms
3504	Linalyl acetate	2636	115-95-7	Bergamol, 3,7-Dimethyl-1,6-octadien-3-yl acetate, Linalool acetate
3505	Linalyl acetate (natural)	2636	115-95-7	
3506	Linalyl anthranilate	2637	7149-26-0	3,7-Dimethyl-1,6-octadien-3-yl 2-aminobenzoate, 3,7-Dimethyl-1,6-octadien-3-yl anthranilate, Linalyl 2-aminobenzoate, Linalyl o-aminobenzoate
3507	Linalyl benzoate	2638	126-64-7	3,7-Dimethyl-1,6-octadien-3-yl benzoate, Linalool benzoate
3508	Linalyl butyrate	2639	78-36-4	3,7-Dimethyl-1,6-octadien-3-yl butanoate, 3,7-Dimethyl-1,6-octadien-3-yl butyrate, Linalool butanoate
3509	Linalyl cinnamate	2641	78-37-5	3,7-Dimethyl-1,6-octadien-3-yl cinnamate, 3,7-Dimethyl-1,6-octadien-3-yl beta-phenylacrylate, 3,7-Dimethyl-1,6-octadien-3-yl 3-phenylpropenoate, Linalyl 3-phenylpropenoate
3510	Linalyl formate	2642	115-99-1	3,7-Dimethyl-1,6-octadien-3-yl formate, Linalool formate
3511	Linalyl hexanoate	2643	7779-23-9	3,7-Dimethyl-1,6-octadien-3-yl hexanoate, Linalool hexoate, Linalyl caproate, Linalyl capronate
3512	Linalyl isobutyrate	2640	78-35-3	3,7-Dimethyl-1,6-octadien-3-yl isobutanoate, 3,7-Dimethyl-1,6-octadien-3-yl 2-methylpropanoate, Linalool isobutyrate, Linalool 2-methylpropanoate
3513	Linalyl isovalerate	2646	1118-27-0	3,7-Dimethyl-1,6-octadien-3-yl isovalerate, 3,7-Dimethyl-1,6-octadien-3-yl 3-methylbutanoate, Linalool isopentanoate, Linalyl isovalerianate, Linalyl 3-methylbutanoate
3514	Linalyl methyl ether			
3515	Linalyl octanoate	2644	10024-64-3	3,7-Dimethyl-1,6-octadien-3-yl octanoate, Linalool octanoate, Linalyl caprylate, Linalyl octoate
3516	Linalyl pentanoate		10471-96-2	
3517	Linalyl phenylacetate	3501	7143-69-3	3,7-Dimethyl-1,6-octadien-3-yl phenylacetate, Linalyl alpha-toluate

Sl.No.	Material Name	FEMA	CAS	Synonyms
3518	Linalyl propionate	2645	144-39-8	3,7-Dimethyl-1,6-octadien-3-yl propionate, 3,7-Dimethyl-1,6-octadien-3-yl propanoate, Linalool propanoate
3519	Linden flowers (<i>Tilia glabra</i> vent.)	2647	90063-53-9	<i>Tilia glabra</i> Vent.
3520	Linden flowers extract (<i>Tilia</i> spp.)			
3521	Linden leaves (<i>Tilia</i> spp.)			
3522	Linden water (<i>Tilia</i> sp.)			
3523	Linoleic acid	3380	60-33-3	Linolic acid, cis,cis-9,12-Octadecadienoic acid
3524	Linolenic acid	3380	463-40-1	alpha-Linolenic acid, cis,cis,cis-9,12,15-Octadecatrienoic acid
3525	Linseed absolute (<i>Linum usitatissimum</i> L.)		8001-26-1	
3526	Lion's foot (<i>Alchemilla vulgaris</i> L.)		84695-94-3	<i>Alchemilla vulgaris</i>
3527	Lippia javanica oil (<i>Lippia javanica</i>)			
3528	Litsea cubeba berry oil	3846	68855-99-2	May chang
3529	Locust bean gum (<i>Ceratonia siliqua</i> L.)	2648	9000-40-2	
3530	Loganberry distillate		93384-28-2	
3531	Loganberry extract		93384-28-2	
3532	Loganberry juice		93384-28-2	
3533	Longifolene		475-20-7	
3534	Longifolene formate		68855-38-9	
3535	alpha-Longipinene		02-08-5989	
3536	Lotus pink absolute		85085-51-4	
3537	Lotus white absolute		85085-51-4	
3538	Lovage (<i>Levisticum officinale</i> Koch)	2649	8016-31-7	<i>Levisticum officinale</i> koch, Smallage, Smellage
3539	Lovage extract (<i>Levisticum officinale</i> Koch)	2650	8016-31-7	Smallage extract, Smellage extract
3540	Lovage leaf oil		8016-31-7	
3541	Lovage root oil (<i>Levisticum officinale</i> Koch)	2651	8016-31-7	Smallage oil, Smellage oil
3542	l-Piperitone	4200	4573-50-6	

Sl.No.	Material Name	FEMA	CAS	Synonyms
3543	Lungmoss (<i>Sticta pulmonacea</i> Ach.)			Lungwort, <i>Sticta pulmonaria</i>
3544	Luo han fruit concentrate	4711		Buddha's Fruit concentrate, Fructus momordicae concentrate, Longevity Fruit concentrate, Luo han guo concentrate, Luo han kuo concentrate, Monk's Fruit concentrate, Rakanka concentrate, <i>Siraitia grosvenorii</i> concentrate
3545	Lyrisal		114119-97-0	2,5,7,7-Tetramethyloctanal
3546	L-Lysine	3847	56-87-1	alpha, epsilon-Diaminocaproic acid, (S)-2,6-Diaminohexanoic acid, Lysine
3547	Lysine monohydrochloride		657-27-2	
3548	Macadamia nut oil		129811-19-4	
3549	Mace (<i>Myristica fragrans</i> Houtt.)	2652	03-12-8007	<i>Myristica fragrans</i> Houtt. (mace)
3550	Mace oil (<i>Myristica fragrans</i> Houtt.)	2653	03-12-8007	
3551	Mace oleoresin/extract (<i>Myristica fragrans</i> Houtt.)	2654	03-12-8007	
3552	Madder roots (<i>Rubia tinctorium</i>)		84650-16-8	
3553	Magnesium myristate		4086-70-8	
3554	Magnesium phosphate hydrate		53408-95-0	
3555	Magnesium stearate		91031-63-9	
3556	Magnolol	4559	528-43-8	2,2'-Bichavicol, 5,5'-Diallyl-2,2'-biphenyldiol, 5,5'-Di(prop-2-en-1-yl)biphenyl-2,2'-diol, Magnolia Bark Extract
3557	Maidenhair fern (<i>Adiantum capillus-veneris</i> L.)		84649-72-9	<i>Adiantum capillus-veneris</i>
3558	Makua oil			
3559	Malic acid	2655		Apple acid, 2-Hydroxybutanedioic acid, Hydroxysuccinic acid
3560	Mallow leaves (<i>Malva</i>)			
3561	Malonic acid		141-82-2	
3562	Malt concentrate		85251-64-5	
3563	Malt extract (<i>Hordeum vulgare</i> L. or other grains)			
3564	Maltol	2656	118-71-8	Corps praline, 3-Hydroxy-2-methyl(4H)pyran-4-one, 3-Hydroxy-2-methyl-gamma-pyrone, 3-Hydroxy-2-methyl-4-pyrone, Larixinic acid, 2- (Pfizer)

Sl.No.	Material Name	FEMA	CAS	Synonyms
3565	Maltol acetate		28787-36-2	
3566	Maltol butyrate		67860-01-9	
3567	Maltol isobutyrate	3462	65416-14-0	Maltol isobutyrate, Maltol 2-methylpropanoate, 2-Methyl-4-pyrone-3-yl 2-methylpropanoate
3568	Maltol isobutyrate (natural)	3462	65416-14-0	
3569	Maltol (natural)	2656	118-71-8	
3570	Maltol propionate	3941	68555-63-5	
3571	Mandarin oil (Citrus reticulata Blanco)	2657	8008-31-9	
3572	Mandarin oil terpeneless (Citrus reticulata blanco)		68917-20-4	
3573	Mandarin terpenes		68953-04-8	
3574	Mango distillate		90063-86-8	
3575	Mango extract			
3576	Mango extract oil			
3577	Mangosteen distillate	4757	90045-25-3	Garcinia mangostana distillate
3578	Mango Treatarome		90063-86-8	
3579	Manketti oil			
3580	Maple tree bark (Acer negundo L.)		90063-89-1	Acer negundo
3581	Maracuya essence oil			
3582	Marigold absolute (Tageta minuta)		8016-84-0	
3583	Marigold pot absolute			
3584	Marigold pot extract (Calendula officinalis L.)	2658	70892-20-5	Calendula
3585	Marjoram absolute, Spanish (Thymus mastichina L.)		8016-33-9	
3586	Marjoram absolute, sweet			
3587	Marjoram concrete, sweet			
3588	Marjoram oil (Origanum marjorana)			
3589	Marjoram oil, Spanish (Thymus mastichina L.)		8016-33-9	
3590	Marjoram oil, sweet (Majorana hortensis Moench (Origanum majorana L.))	2663	08-01-8015	

Sl.No.	Material Name	FEMA	CAS	Synonyms
3591	Marjoram extract/oleoresin (Majorana hortensis Moench (Origanum majorana L.))	2659	84082-58-6	
3592	Marjoram oleoresin (Thymus mastichina L.)		8016-33-9	
3593	Marjoram pot (Origanum vulgare L.)	2660	84012-24-8	Origanum vulgare L.
3594	Marjoram seed (Majorana hortensis Moench (Origanum majorana L.))	2661	08-01-8015	
3595	Marjoram, sweet (Majorana hortensis Moench (Origanum majorana L.))	2662	08-01-8015	
3596	Massoia bark oil (Cryptocaryo massoio)	3747	85085-26-3	
3597	Massoia lactone (Cryptocaryo massoio)			
3598	Mastic absolute (Pistacia lentiscus)		61789-92-2	
3599	Mastic gum (Pistacia lentiscus)			
3600	Mastic oil (Pistacia lentiscus)		61789-92-2	
3601	Mastic resinoid (Pistacia lentiscus)		61789-92-2	
3602	Matairesinol	4762	580-72-3	
3603	Mate absolute \ extract (Ilex paraguariensis St. Hil.)		68916-96-1	
3604	Mate CO2 extract (Ilex paraguariensis St. Hil.)		68916-96-1	
3605	5,9-Megastigmadienone-4		67401-27-8	
3606	Melaleuca cajuputi Powell	2225	8008-98-8	Melaleuca leucadendron L.
3607	Melilot absolute		8023-73-2	
3608	Melilot extract		8023-73-2	
3609	Melissa oil (Melissa officinalis)		84082-61-1	
3610	Melon essence oil		90063-94-8	
3611	Melon extract		90063-94-8	
3612	Watermint, Mentha aquatica L., extract	4873		Hairy mint extract, Marsh mint extract, Pepperwort extract, Smartweed extract, Wild mint extract

Sl.No.	Material Name	FEMA	CAS	Synonyms
3613	Mentha arvensis L. (Cornmint oil)	4219	68917-18-0	
3614	Mentha arvensis (Cornmint) oil, dementholized			
3615	Mentha citrata oil		68917-15-7	
3616	1,3-p-Menthadien-7-al	4506	1197-15-5	4-Isopropyl-1,3-cyclohexadiene-1-carboxaldehyde, p-Mentha-1,3-dien-7-al, 4-(1-Methylethyl)-1,3-cyclohexadiene-1-carboxaldehyde, 4-(Propan-2-yl)cyclohexa-1,3-diene-1-carbaldehyde, alpha-Terpinen-7-al
3617	p-Mentha-1,8-dien-7-al	3557	2111-75-3	4-Isopropenyl-1-cyclohexene-1-carboxaldehyde, Perillaldehyde
3618	p-Mentha-1,8-dien-7-al (natural)	3557	2111-75-3	
3619	p-Mentha-1,3-diene	3558	99-86-5	1-Methyl-4-isopropyl-1,3-cyclohexadiene, alpha-Terpinene, Terpinene (alpha)
3620	Menthadienol		3269-90-7	p-Mentha-1,8(10)-dien-9-ol
3621	p-Mentha-1,8-dien-7-ol	2664	536-59-4	Dihydrocuminic alcohol, Hydrocuminal alcohol, 1-Hydroxymethyl-4-isopropenyl-1-cyclohexene, 4-Isopropenyl-1-cyclohexenyl carbinol, Perilla alcohol, Perillyl alcohol
3622	d-2,8-p-Menthadien-1-ol	4411	22771-44-4	
3623	p-Mentha-1,4(8)-dien-3-one	3560	491-09-8	1-Methyl-4-isopropylidene-1-cyclohexen-3-one, Piperitenone
3624	cis- and trans-p-1(7),8-Menthadien-2-yl acetate	3848	15111-97-4	Menthadienyl acetate
3625	p-Mentha-1,8-dien-7-yl acetate	3561	15111-96-3	Acetic acid, perillyl ester, Dihydrocuminyll acetate, 4-Isopropenyl-1-cyclohexenyl carbinol acetate, Menthadien-7-carbinyl acetate, 1,8-para-Menthadien-7-yl acetate, Perillyl acetate
3626	p-Menthanediol-1,8		80-53-5	
3627	p-Menthan-3,8-diol	4053	42822-86-6	Geranodyle, 2-Hydroxy-alpha,alpha,4-trimethylcyclohexanemethanol, 1-Hydroxy-2-(1-methyl-1-hydroxyethyl)-5-methylcyclohexane
3628	p-Menthan-2-ol	3562	499-69-4	Carvomenthol, Hexahydrocarvacrol, 3-Isopropyl-6-methylcyclohexanol, 1-Methyl-4-isopropyl-2-cyclohexanol

Sl.No.	Material Name	FEMA	CAS	Synonyms
3629	p-Menthan-8-ol		58985-02-7	Dihydroterpineol
3630	p-Menthan-7-ol	4507	5502-75-0	4-Isopropylcyclohexylmethanol, 4-(1-Methylethyl)-cyclohexanemethanol
3631	p-Menthan-2-one	3176	59471-80-6	Carvomenthone, Tetrahydrocarvone
3632	p-Menthan-3-one		10458-14-7	L-Menthone
3633	Menthanyl acetate		58985-18-5	p-8-Menthanyl acetate, p-Menthan-8-yl acetate
3634	p-Mentha-8-thiol-3-one (natural)	3177	38462-22-5	p-Mentha-8-thiol-3-one
3635	p-Mentha-8-thiol-3-one	3177	38462-22-5	8-Mercapto-p-menthane-3-one, Thiomenthone
3636	p-Menthatriene		18368-95-1	
3637	p-Menth-1-ene-9-al	3178	29548-14-9	
3638	8-p-Menthene-1,2-diol	4409	1946-00-5	(1S,2S,4R)-Limonene-1,2-diol, d-Limonene-1,2-diol, Limonene glycol, 8,9-p-Menthen-1,2-diol
3639	D-8-p-Menthene-1,2-epoxide	4655	1195-92-2	D-1,2-Epoxy limonene, D-Limonene 1,2-epoxide, (4R)-1-Methyl-4-(prop-1-en-2-yl)-7-oxabicyclo[4.1.0]heptane
3640	L-8-p-Menthene-1,2-epoxide	4656	203719-54-4	L-1,2-Epoxy limonene, L-Limonene 1,2-epoxide, (4S)-1-Methyl-4-(prop-1-en-2-yl)-7-oxabicyclo[4.1.0]heptane
3641	1-p-Menthene-8-thiol	3700	71159-90-5	alpha,alpha,4-Trimethyl-3-cyclohexene-1-methanethiol
3642	1-p-Menthene-8-thiol (natural)	3700	71159-90-5	
3643	p-Menth-1-en-3-ol	3179	491-04-3	Piperitol
3644	p-Menth-3-en-1-ol	3563	586-82-3	4-Isopropyl-1-methyl-3-cyclohexen-1-ol, 1-Methyl-4-isopropyl-3-cyclohexen-1-ol, 1-Terpinenol
3645	p-Menth-8-en-1-ol	3564	138-87-4	4-Isopropenyl-1-methyl-1-cyclohexanol, 1-Methyl-4-isopropenylcyclohexan-1-ol, beta-Terpineol
3646	neo-p-Menth-8-en-2-ol		18675-34-8	neo-Dihydrocarveol
3647	p-Menth-1-en-9-ol	4508	18479-68-0	2-(4-Methylcyclohex-3-en-1-yl)propan-1-ol
3648	p-Menth-8-en-2-one	3565	7764-50-3	cis-Dihydrocarvone, 3-Isopropenyl-6-methylcyclohexanone

Sl.No.	Material Name	FEMA	CAS	Synonyms
3649	1-p-Menthen-9-yl acetate	3566	17916-91-5	9-Acetoxy-1-p-menthene, p-Menth-1-en-9-yl acetate
3650	1-(p-Menthen-6-yl)-1-propanone		31375-17-4	1-(p-Menthen-6(2)-yl)-1-propanone
3651	Menthol crystals		2216-51-5	
3652	d,l-Menthol		89-78-1	
3653	d-Menthol		15356-60-2	
3654	d,l-Menthol	2665	15356-70-4	
3655	d-neo-Menthol	2666	20752-34-5	2-Isopropyl-5-methylcyclohexanol, d-Neomenthol
3656	l-Menthol ethylene glycol carbonate	3805	156679-39-9	Frescolat Type MGC, 2-Hydroxyethyl 5-methyl-2-(1-methylethyl)cyclohexyl carbonate, Menthol glycol carbonate
3657	l-Menthol	2665	2216-51-5	Hexahydrothymol, 3-p-Menthanol, 1-Methyl-4-isopropylcyclohexan-3-ol, 5-Methyl-2-isopropylcyclohexanol, 5-Methyl-2-isopropylhexahydrophenol, 1-Isopropyl-4-methylcyclohexan-2-ol
3658	Menthol liquid		15356-60-2	
3659	l-Menthol (natural)	2665	2216-51-5	Menthacamphor, Peppermint camphor
3660	neo-Menthol		491-01-0	
3661	D,l-Menthol 1,2-propanediol carbonate	3992	156324-82-2	
3662	l-Menthol 1- (or 2)-propylene glycol carbonate	3806	30304-82-6	Frescolate Type MPC, Menthol propylene glycol carbonate
3663	Menthone	2667	89-80-5	2-Isopropyl-5-methylcyclohexanone, 4-Isopropyl-1-methylcyclohexan-3-one, trans-Meth-3-one
3664	d,l-Menthone 1,2-glycerol ketal	3808	67785-70-0	Frescolat racemic, d,l-9-Methyl-6-(1-methylethyl)-1,4-dioxaspiro[4.5]decane-2-methanol
3665	l-Menthone 1,2-glyceryl ketal	3807	63187-91-7	Frescolat MGA, 6-Isopropyl-9-methyl-1,4-dioxaspiro[4.5]decane-2-methanol, l-9-Methyl-6-(1-methylethyl)-1,4-dioxaspiro[4.5]decane-2-methanol

Sl.No.	Material Name	FEMA	CAS	Synonyms
3666	Menthone (natural)	2667	89-80-5	
3667	cis- and trans-Menthone-8-thioacetate	3809	94293-57-9	8-Acetylthiomenthan-3-one, trans-2-(1-Acetylthio-1-methylethyl)-5-methylcyclohexanone, cis-2-(1-Acetylthio-1-methylethyl)-5-methylcyclohexanone, trans-1-Methyl-1-(4-methyl-2-oxocyclohexyl)ethyl thioacetate, cis-1-Methyl-1-(4-methyl-2-oxocyclohexyl)ethyl thioacetate
3668	cis- and trans-Menthone-8-thioacetate (natural)	3809	94293-57-9	
3669	2-(L-Menthoxyl)ethanol	4154		2-(p-Menthan-3-yloxy)ethanol
3670	3-(l-Menthoxyl)-2-methylpropane-1,2-diol	3849	195863-84-4	3-l-Menthoxyl-2-methylpropan-1,2-diol, TPG-1
3671	3-l-Menthoxylpropane-1,2-diol	3784	87061-04-9	3-l-(p-Menthan-3-yloxy)-1,2-propanediol
3672	Menthyl acetate (isomer unspecified) (natural)	2668	16409-45-3	l-Menthyl acetate
3673	Menthyl acetate (isomer unspecified)	2668	16409-45-3	1-Isopropyl-4-methylcyclohex-2-yl acetate, Menthol acetate, p-Menth-3-yl acetate, Menthylacetate rac, 5-Methyl-2-(1-methylethyl)cyclohexyl acetate
3674	Menthyl acetoacetate		59557-05-0	Menthol acetoacetate
3675	l-Menthyl acetoacetate	4327	59557-05-0	(-)-Menthyl acetoacetate
3676	Menthyl 2-aminobenzoate			Menthyl anthranilate, Neo Heliopan MA (Symrise)
3677	l-Menthyl butyrate	4524	6070-14-0	l-5-Methyl-2-(1-methylethyl)-cyclohexylbutyrate
3678	l-Menthyl n-butylate			
3679	Menthyl formate	4509	2230-90-2	Formic acid, menthyl ester, 2-Isopropyl-5-methylcyclohexyl formate
3680	Menthyl hexanoate		6070-16-2	
3681	l-Menthyl (R,S)-3-hydroxybutyrate	4308	108766-16-1	2-Isopropyl-5-methylcyclohexyl-3-hydroxybutanoate, Menthyl 3-hydroxybutanoate, Menthyl methylactate
3682	l-Menthyl isobutyrate		68366-65-4	
3683	Menthyl isovalerate	2669	16409-46-4	Menthol isovalerate, Menthyl isopentanoate, p-Menth-3-yl isovalerate, Menthyl 3-methylbutanoate, Validol
3684	l-Menthyl lactate	3748	59259-38-0	Frescolat ML, l-p-Menthan-3-yl lactate, 5-Methyl-2-(1-methylethyl)cyclohexyl alpha-hydroxypropanoate
3685	l-Menthyl lactate (natural)	3748	59259-38-0	Menthyl lactate
3686	l-Menthyl methylether	4054	1565-76-0	

Sl.No.	Material Name	FEMA	CAS	Synonyms
3687	l-Menthyl phenylacetate		26171-78-8	
3688	Menthyl propionate	4510	86014-82-6	2-Isopropyl-5-methylcyclohexylpropionate
3689	l-Menthyl propionate		4951-48-8	
3690	Menthyl pyrrolidone carboxylate	4155	68127-22-0	
3691	Menthyl salicylate		89-46-3	
3692	Menthyl valerate	4156	89-47-4	
3693	4-Mercapto-3-methyl-2-butanol	4698		4-Mercapto-3-methylbutan-2-ol, 3-Methyl-4-sulfanyl-2-butanol, 4-Thio-3-methyl-2-butanol
3694	2-Mercaptoanisole	4159	7217-59-6	
3695	2-Mercapto-3-butanol	3502	37887-04-0	2-Hydroxy-3-butanethiol, 3-Hydroxy-2-butanethiol, 3-Mercapto-2-butanol
3696	3-Mercapto-2-butanone	3298	40789-98-8	
3697	(+/-)-3-Mercapto-1-butyl acetate	4325	89534-38-3	3-Mercaptobutyl acetate, 3-Thiobutyl acetate
3698	Bis-(4-Mercapto-n-butyl) ether			
3699	2-Mercaptoethyl acetate			
3700	2-Mercaptoethyl ethyl ether			
3701	3-Mercaptoheptyl acetate	4289	548774-80-7	
3702	3-Mercaptohexanal	4585	51755-72-7	
3703	3-Mercaptohexanol	3850	51755-83-0	3-Thiohexanol, 3-Thiohexan-1-ol
3704	6-Mercaptohexanol-1			
3705	3-Mercaptohexyl acetate	3851	136954-20-6	3-Thiohexyl acetate, 3-Thiohexyl ethanoate
3706	3-Mercaptohexyl butyrate	3852	136954-21-7	3-Thiohexyl butanoate, 3-Thiohexyl butyrate
3707	3-Mercaptohexyl hexanoate	3853	136954-22-8	3-Mercaptohexyl caproate, 3-Thiohexyl caproate, 3-Thio-1-hexyl caproate, 3-Thio-1-hexyl hexanoate
3708	cis- and trans-1-Mercapto-p-menthan-3-one	4300	29725-66-4	Z- and E-1-Mercapto-p-menthan-3-one
3709	erythro and threo-3-Mercapto-2-methylbutan-1-ol	3993		

Sl.No.	Material Name	FEMA	CAS	Synonyms
3710	3-Mercapto-3-methyl-1-butanol	3854	34300-94-2	3-Mercapto-3-methylbutyl alcohol, 3-Methyl-3-mercaptobutyl alcohol
3711	3-Mercapto-3-methyl-1-butyl acetate	4324	50746-09-3	3-Mercapto-3-methylbutyl acetate, 3-Methyl-3-sulfanylbutyl acetate
3712	3-Mercapto-3-methylbutyl formate	3855	50746-10-6	3-Methyl-3-mercaptobutyl formate, 3-Methyl-3-thiobutyl formate
3713	3-Mercapto-3-methylbutyl isovalerate	4584	612071-27-9	Butanoic acid, 3-methyl-, 3-mercapto-3-methylbutyl ester
3714	4-Mercapto-4-methyl-2-hexanone	4583	851768-52-0	4-Methyl-4-sulfanylhexan-2-one
3715	3-Mercapto-2-methylpentanal	3994		
3716	(+/-)-2-Mercapto-2-methylpentan-1-ol	3995		
3717	3-Mercapto-2-methylpentan-1-ol (racemic)	3996	227456-27-1	
3718	(+/-)-4-Mercapto-4-methyl-2-pentanol	4158		
3719	3-Mercapto-2-methylpropionic acid		26473-47-2	
3720	2-Mercaptomethylpyrazine	3299	59021-02-2	Pyrazinemethanethiol
3721	3-Mercapto-2-pentanone	3300	67633--97-0	
3722	4-Mercapto-2-pentanone	4157		
3723	2,3 or 10-Mercaptopinane	3503	23832-18-0	Pinanethiol, Pinanyl mercaptan
3724	1-Mercapto-2-propanone	3856	24653-75-6	Mercaptoacetone
3725	2-Mercaptopropionic acid	3180	79-42-5	alpha-Mercaptopropanoic acid, Thiolactic acid, 2-Thiolpropionic acid
3726	3-Mercaptopropionic acid	4587	107-96-0	3-Mercaptopropanoic acid, beta-Mercaptopropionic acid
3727	Mesquite wood extract	3942	93165-66-3	
3728	Methallyl caproate		94291-54-0	2-Methyl-2-propenyl hexanoate
3729	Methanethiol acetate (artificial)		1534-08-3	Methyl acetothioate, Methyl thioacetate
3730	Methanol		67-56-1	
3731	Methanol (natural)		67-56-1	
3732	Methional	2747	3268-49-3	beta-Methiopropionaldehyde, 3-Methylthiopropional, 3-(Methylthio)propionaldehyde
3733	Methional diethyl acetal	4590	16630-61-8	1,1-Diethoxy-3-(methylsulfanyl)propane, Propane, 1,1-diethoxy-3-(methylthio)

Sl.No.	Material Name	FEMA	CAS	Synonyms
3734	Methional (natural)	2747	3268-49-3	
3735	d,l-Methionine	3301	59-51-8	2-Amino-4-(methylthio)butanoic acid, alpha-Amino-gamma-(methylthio)butyric acid
3736	l-Methionine		63-68-3	
3737	l-Methionine (natural)		63-68-3	
3738	Methionol acetate			
3739	Methionyl butyrate	4160	16630-60-7	3-(Methylthio)propyl butyrate
3740	p-Methylhydrocinnamic aldehyde		02-12-5406	Dihydrocinnamaldehyde
3741	2-Methoxyacetophenone	4163	579-74-8	o-Methoxyacetophenone
3742	p-Methoxybenzaldehyde	2670	123-11-5	p-Anisaldehyde, Anisic aldehyde, Aubepine
3743	p-Methoxybenzaldehyde (natural)	2670	123-11-5	
3744	2-Methoxybenzoic acid	3943	579-75-9	o-Anisic acid, Salicylic acid methyl ester
3745	3-Methoxybenzoic acid	3944	586-38-9	3-Anisic acid
3746	p-Methoxybenzoxonitrile		874-90-8	Anisonitrile
3747	p-Methoxybenzyl mercaptan		6258-60-2	
3748	4-Methoxybenzyl 2-methylpropionate			
3749	2-Methoxybiphenyl		86-26-0	
3750	o-Methoxycinnamaldehyde	3181	1504-74-1	Heliopan (Symrise), beta-(o-Methoxyphenyl)acrolein, 3-(2-Methoxyphenyl)-2-propenal
3751	o-Methoxycinnamaldehyde (natural)	3181	1504-74-1	
3752	p-Methoxycinnamaldehyde	3567	1963-36-6	3-(p-Methoxyphenyl)-2-propenal
3753	p-Methoxycinnamaldehyde (natural)	3567	1963-36-6	
3754	2-Methoxycinnamic acid		02-03-6099	
3755	Methoxycitronellal		3613-30-7	
3756	7-Methoxycoumarin		531-59-9	
3757	o-Methoxycyclohexanol		2979-24-0	
3758	trans- and cis-1-Methoxy-1-decene	4161	71662-33-4	1-Methoxydec-1-ene
3759	5-Methoxydicyclopentadienecarboxaldehyde		86803-90-9	
3760	Methoxydimethylheptanal		62439-41-2	6-Methoxy-2,6-dimethylheptanal, Methoxymelonol
3761	(±)-6-Methoxy-2,6-dimethylheptanal	4745		6-Methoxy-2,6-dimethylheptanal

Sl.No.	Material Name	FEMA	CAS	Synonyms
3762	1-(2-Methoxyethoxy)-4-methylbenzene		97375-48-9	
3763	(S)-Methoxy-3-heptanethiol	4162		
3764	1-Methoxyindane		1006-27-5	
3765	2-Methoxy-3(5)-isobutylpyrazine			
3766	2-Methoxy-3-isopropylpyrazine		25773-40-4	2-Isopropyl-3-methoxypyrazine
3767	N1-(2-Methoxy-4-methylbenzyl)-N2-(2-(5-methylpyridin-2-yl)ethyl)oxalamide	4234		
3768	N1-(2-Methoxy-4-methylbenzyl)-N2-(2-(pyridin-2-yl)ethyl)oxalamide	4231		
3769	4-Methoxy-2-methyl-2-butanethiol	3785	94087-83-9	
3770	p-Methoxy-alpha-methylcinnamaldehyde	3182	65405-67-6	3-(2-Methoxyphenyl)-2-methyl-2-propenal, alpha-Methylmethoxycinnamic aldehyde
3771	(R)-N-(1-Methoxy-4-methylpentan-2-yl)-3,4-dimethylbenzamide	4751		Benzamide, N-[(1R)-1-(methoxymethyl)-3-methylbutyl]-3,4-dimethyl-
3772	2-Methoxy-4-methylphenol	2671	93-51-6	Creosol, Homocatechol monomethyl ether, 1-Hydroxy-2-methoxy-4-methylbenzene, 4-Hydroxy-3-methoxy-1-methylbenzene, 2-Methoxy-p-cresol, 3-Methoxy-4-hydroxytoluene, 4-Methylguaiacol, Valspice
3773	2-Methoxy-4-methylphenol (natural)	2671	93-51-6	
3774	3-Methoxy-5-methylphenol		3209-13-0	
3775	2-Methoxy-3-(1-methylpropyl)pyrazine	3433	24168-70-5	2-Methoxy-3-sec-butylpyrazine
3776	2-Methoxy-3-methylpyrazine	3183	2847-30-5	
3777	5-Methoxy-3-methylpyrazine	3183	2882-21-5	
3778	6-Methoxy-3-methylpyrazine	3183	2882-22-6	
3779	2,5 or 6-Methoxy-3-methylpyrazine (mixture of isomers)	3183	68378-13-2	
3780	2-Methoxyphenol reaction products with hydrogenated 2,2-dimethyl-3-methylenebicyclo[2.2.1]heptane		70955-71-4	meta-(iso-Camphyl-5)-cyclohexanol
3781	2-(4-Methoxyphenoxy)propionic acid			

Sl.No.	Material Name	FEMA	CAS	Synonyms
3782	p-Methoxyphenylacetaldehyde		5703-26-4	
3783	4-(p-Methoxyphenyl)-2-butanone	2672	104-20-1	Anisylacetone, Bramble ketone, Frambinon methyl ether, p-Methoxybenzylacetone, Methyloxanone, Raspberry ketone methyl ether
3784	4-(p-Methoxyphenyl)-2-butanone (natural)	2672	104-20-1	
3785	4-(p-Methoxyphenyl)-3-butene-2-one		943-88-4	Anisylidene acetone
3786	4-Methoxyphenyl methyl ether		80314-58-5	
3787	(1R,2S,5R)-N-(4-Methoxyphenyl)-5-methyl-2-(1-methylethyl)cyclohexanecarboxamide	4681	68489-09-8	(1R,2S,5R)-N-(4-Methoxyphenyl)-5-methyl-methylethyl)cyclohexanecarboxamide, N-(4-Methoxyphenyl)-p-menthanecarboxamide, WS-12
3788	1-(4-Methoxyphenyl)-4-methyl-1-penten-3-one	3760	103-13-9	Isopropyl 4-methyloxystyryl ketone
3789	1-(p-Methoxyphenyl)-1-penten-3-one	2673	104-27-8	Ethone, p-Methoxystyryl ethyl ketone, alpha-Methylanisylideneacetone
3790	3-(4-Methoxyphenyl)propanol		5406-18-8	
3791	1-(p-Methoxyphenyl)-2-propanone	2674	122-84-9	Anisic ketone, Anisyl methyl ketone, 4-Methoxyphenylacetone, p-Methoxyphenylacetone
3792	1-(p-Methoxyphenyl)-2-propanone (natural)	2674	122-84-9	
3793	2-Methoxy-6-(2-propenyl)phenol	4490	579-60-2	
3794	2-Methoxy-4-(1-propenyl)phenyl 3-methylbutyrate			
3795	2-Methoxy-3-n-propylpyrazine		25680-57-3	
3796	2-Methoxypyrazine	3302	3149-28-8	2-Methoxy-1,4-diazine
3797	2-Methoxypyridine	4639	1628-89-3	
3798	6-Methoxyquinoline	4640	5263-87-6	
3799	2-Methoxythiophenol		7217-59-6	2-Methoxybenzenethiol
3800	2-Methoxy-4-vinylphenol	2675	7786-61-0	4-Hydroxy-3-methoxystyrene, p-Vinylguaiaicol
3801	Methyl abietate		127-25-3	
3802	Methyl acetate	2676	79-20-9	Methyl ethanoate
3803	Methyl acetate (natural)	2676	79-20-9	
3804	Methyl acetoacetate		105-45-3	Methyl 3-oxobutyrate

Sl.No.	Material Name	FEMA	CAS	Synonyms
3805	2-Methylacetophenone	4316	577-16-2	2-Acetyltoluene, o-Acetyltoluene, o-Methylacetophenone, Methyl 2-methylphenyl ketone, 1-(2-Methylphenyl)ethanone, 2-Methylphenyl methyl ketone, Methyl o-tolyl ketone, 1-(2-Tolyl)ethanone
3806	4'-Methylacetophenone	2677	122-00-9	1-Acetyl-4-methylbenzene, p-Acetyltoluene, p-Methylacetophenone, 1-Methyl-4-acetylbenzene, Methyl p-tolyl ketone, p-Tolyl methyl ketone
3807	Methyl 1-acetoxycyclohexyl ketone	3701	52789-73-8	
3808	(+/-)-Methyl 5-acetoxyhexanoate	4055		
3809	Methyl 3-acetoxyhexanoate		77118-93-5	
3810	Methyl 3-acetoxy-2-methylbutyrate	4451	139564-42-4	Butanoic acid, 3-(acetyloxy)-2-methyl-, methyl ester, Methyl 3-(acetyloxy)-2-methylbutanoate
3811	Methyl 3-acetoxyoctanoate	4454	35234-21-0	3-(Acetyloxy)octanoic acid methyl ester, Methyl 3-(acetyloxy)octanoate
3812	Methyl N-acetylanthranilate	4170	06-08-2719	
3813	1-Methyl-2-acetylpyrrole	3184	932-16-1	2-Acetyl-N-methylpyrrol, Methyl 1-methylpyrrol-2-yl ketone, 1-Methylpyrrol-2-yl methyl ketone
3814	2-Methylallyl butyrate	2678	7149-29-3	Methylallyl butyrate, 2-Methylallyl butanoate, 2-Methyl-2-propen-1-yl butyrate
3815	Methylamine		74-89-5	
3816	Methylamine hydrochloride		593-51-1	
3817	Methyl angelate		5953-76-4	
3818	Methyl p-anisate	2679	121-98-2	Methyl p-methoxybenzoate
3819	Methyl p-anisate (natural)	2679	121-98-2	
3820	o-Methylanisole	2680	578-58-5	o-Cresyl methyl ether, 2-Methoxytoluene, o-Methoxytoluene, Methyl o-tolyl ether

Sl.No.	Material Name	FEMA	CAS	Synonyms
3821	p-Methylanisole	2681	104-93-8	p-Cresyl methyl ether, 4-Methoxytoluene, p-Methoxytoluene, o-Methyl-p-cresol, Methyl p-tolyl ether, PCME (Inspec)
3822	Methyl anthranilate	2682	134-20-3	Methyl o-aminobenzoate, Methyl 2-aminobenzoate
3823	Methyl anthranilate (natural)	2682	134-20-3	
3824	Methylated silica	3185	681-84-5	
3825	Methyl atrarate		4707-47-5	Methyl 2,4-dihydroxy-3,6-dimethylbenzoate, Methyl 3,6-dimethyl-beta-resorcyate
3826	4-Methylbenzaldehyde propyleneglycol acetal	4628	58244-29-4	4-Methyl-2-(4-methylphenyl)-1,3-dioxolane, 4-Methyl-2-p-tolyl-1,3-dioxolane
3827	Methylbenzene		108-88-3	
3828	Methyl benzoate	2683	93-58-3	Methyl benzenecarboxylate, Niobe oil
3829	Methyl benzoate (natural)	2683	93-58-3	
3830	2-Methylbenzofuran	4543	4265-25-2	2-Methylbenzo[b]furan
3831	2-Methylbenzothiazole		120-75-2	
3832	S-Methyl benzothioate	3857	5925-68-8	S-Methyl thiobenzoate, Methylthiyl benzoate
3833	3-Methylbenzothiophene			
3834	2-Methyl-4,5-benzoxazole	4398	95-21-6	2-Methylbenzoxazole, 2-Methyl-1,3-benzoxazole
3835	alpha-Methylbenzyl acetate	2684	93-92-5	Methyl phenyl carbonyl acetate, alpha-Phenylethyl acetate, sec-Phenylethyl acetate, Styralyl acetate, Styrollylacetat
3836	m-Methylbenzyl acetate	3702	17369-57-2	3-Methylbenzyl acetate
3837	alpha-Methylbenzyl acetate (natural)	2684	93-92-5	Styralyl acetate
3838	Methylbenzyl acetate (mixed o,m,p)	3702	29759-11-3	
3839	p-Methylbenzyl acetate	3702	2216-45-7	4-Methylbenzyl acetate
3840	4-Methylbenzyl alcohol	4624	589-18-4	4-(Hydroxymethyl)toluene, p-Methylbenzyl alcohol, p-Tolualcohol, p-Tolyl alcohol, p-Tolylmethanol
3841	alpha-Methylbenzyl alcohol	2685	98-85-1	Methyl phenyl carbinol, 1-Phenylethanol, 1-Phenylethan-1-ol, alpha-Phenylethyl alcohol, 1-Phenyl-1-hydroxyethane, Styrallyl alcohol

Sl.No.	Material Name	FEMA	CAS	Synonyms
3842	alpha-Methylbenzyl butyrate	2686	3460-44-4	Methyl phenyl carbinyl butyrate, 1-Phenyl-1-ethyl butanoate, Styrallyl butyrate
3843	Methyl benzyl carbinyl acetate		2114-33-2	2-Acetoxy-1-phenylpropane, Benzyl methyl carbinyl acetate
3844	Methylbenzyl dimethyl carbinol		20834-59-7	
3845	Methyl benzyl disulfide	3504	699-10-5	Benzyl dithiomethane, Benzyl methyl disulfide, Methyl phenylmethyl disulfide
3846	Methyl benzyl ether		538-86-3	Benzyl methyl ether
3847	3-(4-Methylbenzylidene)camphor		36861-47-9	3-4-Methylbenzylidene)-dl-camphor, Neo Heliopan MBC (Symrise)
3848	4-Methylbiphenyl	3186	644-08-6	p-Methyldiphenyl, p-Methylphenylbenzene
3849	2-Methylbutanal diethyl acetal		3658-94-4	
3850	3-Methylbutanal di(3-methylbutyl) acetal			
3851	3-Methylbutanal di(2-methylpropyl) acetal		13439-98-0	
3852	3-Methylbutanal ethyl 3-methylbutyl acetal			
3853	3-Methylbutanal ethyl 2-methylpropyl acetal			
3854	3-Methylbutanal 2-methylpropyl 3-methylbutyl acetal			
3855	3-Methylbutanethiol (natural)	3858	541-31-1	
3856	2-Methyl-1-butanethiol	3303	1878-18-8	
3857	2-Methyl-2-butanethiol		1679-09-0	
3858	3-Methylbutanethiol	3858	541-31-1	Isoamyl mercaptan
3859	3-Methyl-2-butanethiol	3304	2084-18-6	
3860	2-Methyl-1-butanol	3998	137-32-6	(+/-)-2-Methyl-1-butanol
3861	(+/-)-2-Methyl-1-butanol, natural	3998	137-32-6	2-Methylbutyl alcohol
3862	2-Methylbutan-2-ol		75-85-4	t-Amyl alcohol
3863	3-Methyl-2-butanol	3703	598-75-4	Methyl isopropyl carbinol
3864	2-Methyl-3-butanone		563-80-4	
3865	2-Methyl-2-butenal	3407	497-03-0	2-Methylcrotonaldehyde, Tiglaldehyde
3866	3-Methyl-2-butenal	3646	107-86-8	3-Methylcrotonaldehyde, Senecialdehyde
3867	trans-2-Methyl-2-butenic acid	3599	80-59-1	trans-2-Methylcrotonic acid, Tiglic acid
3868	2-Methyl-2-buten-1-ol		4675-87-0	
3869	2-Methylbut-2-en-1-ol	4178	4675-87-0	

Sl.No.	Material Name	FEMA	CAS	Synonyms
3870	2-Methyl-3-butenol-1		4516-90-9	
3871	2-Methyl-3-buten-2-ol		115-18-4	Dimethyl vinyl carbinol
3872	3-Methyl-2-buten-1-ol	3647	556-82-1	
3873	3-Methyl-3-buten-2-one		814-78-8	
3874	3-Methyl-3-buten-1-yl butanoate			
3875	3-Methyl-3-butenyl 2,2-dimethylpropionate		104468-21-5	2,2-Dimethylpropionicacid-3-methyl-3-butenylester
3876	3-Methyl-3-buten-1-ylhexanoate			
3877	3-Methyl-2-butenyl 3-methylbutanethioate			
3878	3-Methyl-2-butenyl 3-methyl-2-butenolate		72928-35-9	
3879	S-(3-Methyl-2-butenyl) 2-methylpropanethioate		53626-94-1	
3880	2-Methylbutyl acetate	3644	624-41-9	
3881	2-Methylbutyl acetate (natural)	3644	624-41-9	
3882	2-Methylbutylamine	4241	96-15-1	
3883	2-Methylbutyl angelate			
3884	2-Methylbutyl butyrate		51115-64-1	
3885	2-Methylbutyl decanoate		55195-23-8	
3886	Methyl butyl disulfide		60779-24-0	
3887	2-Methylbutyl dodecanoate			
3888	2-Methylbutyl 2-ethylhexanoate		106887-88-1	
3889	2-Methylbutyl formate		35073-27-9	
3890	3-Methylbutyl hexadecanoate		81974-61-0	
3891	2-Methylbutyl hexanoate		2601-13-0	2-Methylbutyl caproate
3892	2-Methylbutyl 2-hydroxypropionate			
3893	N-(3-Methylbutylidene)-3-methyl-1-butylamine			
3894	2-Methylbutyl isovalerate	3506	2445-77-4	2-Methylbutyl isopentanoate, 2-Methylbutyl isovalerianate, 2-Methylbutyl 3-methylbutanoate
3895	2-Methylbutyl isovalerate (natural)	3506	2445-77-4	

Sl.No.	Material Name	FEMA	CAS	Synonyms
3896	Methyl butyl ketone		591-78-6	2-Hexanone
3897	3-Methylbutyl 3-(4-methoxyphenyl)-2-propenoate		71617-10-2	3-(4-Methoxyphenyl)-2-propenoic acid, 3-(Symrise)
3898	3-Methylbutyl 2-methylbutanoate	3505	27625-35-0	Isoamyl 2-methylbutanoate, Isoamyl 2-methylbutyrate, Isopentyl 2-methylbutanoate
3899	3-Methylbutyl 2-methylbutanoate (natural)	3505	27625-35-0	
3900	2-Methylbutyl 3-methyl-2-butenate	4306	97890-13-6	2-Methylbutyl 3-methylbut-2-enoate, 2-Methylbutyl senecioate
3901	2-Methylbutyl 2-methylbutyrate	3359	2445-78-5	2-Methylbutyl 2-methylbutanoate
3902	2-Methylbutyl 2-methylpropionate		2445-69-4	
3903	2-Methylbutyl octanoate		67121-39-5	
3904	5-Methyl-2-t-butylphenol		88-60-8	
3905	Methyl p-tert-butylphenylacetate	2690	3549-23-3	
3906	2-Methylbutyl propionate		2438-20-2	
3907	Methyl butyl sulfide		628-29-5	
3908	2-Methylbutyl tetradecanoate		93805-23-3	2-Methylbutyl myristate
3909	3-Methylbutyl tetradecanoate		62488-24-8	
3910	5-Methyl-3-butyltetrahydropyran-4-yl acetate		38285-49-3	
3911	2-Methylbutyraldehyde	2691	96-17-3	2-Methylbutanal, Methyleneacetaldehyde
3912	2-Methylbutyraldehyde (natural)	2691	96-17-3	
3913	3-Methylbutyraldehyde	2692	590-86-3	Isoamyl aldehyde, Isopentanal, Isovaleral, Isovaleraldehyde, Isovaleric aldehyde, 3-Methylbutanal
3914	3-Methylbutyraldehyde (natural)	2692	590-86-3	
3915	Methyl butyrate	2693	623-42-7	Methyl butanoate
3916	Methyl butyrate (natural)	2693	623-42-7	
3917	2-Methylbutyric acid	2695	116-53-0	Methylethylacetic acid
3918	2-Methylbutyric acid (natural)	2695	116-53-0	
3919	2-Methyl-4-(camphenyl-8)-cyclohexanone		68901-22-4	Aldron
3920	Methyl caproate	2708	106-70-7	Methyl hexanoate, Methyl hexylate
3921	Methyl caproate (natural)	2708	106-70-7	
3922	Methyl caprylate	2728	111-11-5	Methyl octanoate, Methyl octylate

Sl.No.	Material Name	FEMA	CAS	Synonyms
3923	Methyl caprylate (natural)	2728	111-11-5	
3924	Methylcellulose	2696	9004-67-5	Cellulose methyl ether
3925	alpha-Methylcinnamaldehyde	2697	101-39-3	alpha-Methylcinnamic aldehyde, 2-Methyl-3-phenyl-2-propenal, 3-Phenyl-2-methylacrolein
3926	p-Methylcinnamaldehyde	3640	1504-75-2	3-(p-Methylphenyl)propenal, 3-p-Tolylpropenal
3927	Methyl cinnamate	2698	103-26-4	Methyl 3-phenylpropenoate
3928	Methyl cinnamate (natural)	2698	103-26-4	
3929	alpha-Methylcinnamic alcohol		1504-55-8	
3930	Methyl cis-3-hexenoate	4164	13894-62-7	
3931	Methyl cis-5-octenoate	4165	41654-15-3	
3932	6-Methylcoumarin	2699	92-48-8	6-Methyl(2H)-benzopyran-2-one, 6-Methylbenzopyrone, 6-Methyl-cis- α -coumarinic lactone, 5-Methyl-2-hydroxyphenylpropenoic acid lactone
3933	7-Methylcoumarin		2445-83-2	
3934	Methyl p-cresoxyacetate		38768-63-7	Methyl (p-tolyloxy)acetate
3935	Methyl crotonate		623-43-8	Methyl 2-butenate
3936	3-Methylcrotonic acid	3187	541-47-9	3,3-Dimethylacrylic acid, beta,beta-Dimethylacrylic acid, 3-Methyl-2-butenic acid, Senecioic acid
3937	Methyl cyclododecyl ether		2986-54-1	Cyclododecyl methyl ether, Palisandin
3938	1-Methylcyclododecyl methyl ether		37514-30-0	
3939	1-Methyl-1,4-cyclohexadiene		4313-57-9	
3940	Methylcyclohexadiene		30640-46-1	2,3-Dihydrotoluene, 5,6-Dihydrotoluene
3941	Methyl cyclohexadiene and methylene cyclohexene (mixture)	4311	30640-46-1	
3942	1-Methyl-2,3-cyclohexadione	3305	3008-43-3	3-Methyl-1,2-cyclohexanedione
3943	Methyl cyclohexanecarboxylate	3568	4630-82-4	
3944	3-Methylcyclohexanol		591-23-1	
3945	4-Methylcyclohexanone	3948	589-92-4	
3946	2-Methylcyclohexanone	3946	583-60-8	Methyl anone
3947	3-Methylcyclohexanone	3947	591-24-2	
3948	3-Methyl-1-cyclohexene		591-48-0	

Sl.No.	Material Name	FEMA	CAS	Synonyms
3949	4-Methyl-1-cyclohexene		591-47-9	
3950	3-Methyl-2-cyclohexen-1-one	3360	1193-18-6	
3951	3-(4-Methylcyclohex-3-enyl)but-3-enyl acetate		6819-19-8	Citryl acetate, 3-Cyclohexene-1-propanol,4-methyl-gamma methylene-, acetate, Homolinalyl acetate
3952	3-(4-Methylcyclohex-3-en-1-yl)butyraldehyde		6784-13-0	
3953	1-(4-Methyl-3-cyclohexen-1-yl)-ethanone	4827		1-Methyl-4-acetyl-1-cyclohexene, 1-(4-Methylcyclohex-3-enyl)ethanone, 4-Methyl-3-cyclohexen-1-yl methyl ketone
3954	4-(4-Methyl-3-cyclohexen-1-ylidene)pentanal		32540-03-7	4-(4-Methyl-3-cyclohexen-1-ylidene)
3955	2-(2-(4-Methyl-3-cyclohexen-1-yl)propyl)cyclopentanone		95962-14-4	
3956	Methyl cyclooctyl carbonate		61699-38-5	
3957	3-Methyl-1-cyclopentadecanone	3434	541-91-3	3-Methylcyclopentadecanone, Methylexaltone
3958	Methylcyclopentenolone	2700	765-70-8	Cyclotene, Kentonarome, Maple lactone, 3-Methylcyclopentane-1,2-dione, 3-Methyl-2-cyclopenten-2-ol-1-one
3959	Methylcyclopentenolone (natural)	2700	765-70-8	
3960	3-Methyl-2-cyclopenten-1-one	3435	2758-18-1	1-Methyl-1-cyclopenten-3-one
3961	Methyl cyclopentylideneacetate		40203-73-4	Cyclopentylidene-acetic acid, methyl ester
3962	(E/Z)-3-methyl-cyclotetradec-5-en-1-one		259854-70-1	
3963	Methyl (E)-2-(Z)-4-decadienoate	3859	4493-42-9	
3964	Methyl 4,8-decadienoate		1191-03-3	
3965	(+/-)3-Methyl-gamma-decalactone	3999		
3966	gamma-Methyldecalactone	3786	7011-83-8	Dihydrojasmon lactone, 5-Hexyl-5-methyldihydro-2(3H)furanone, Lactojasmon, 4-Methyldecanolide
3967	2-Methyldecanal		19009-56-4	Aldehyde C-11 MOA, Methyl octyl acetaldehyde
3968	Methyl decanoate		110-42-9	
3969	Methyl decanoate (natural)		110-42-9	
3970	4-Methyldecanoic acid		24323-24-8	
3971	8-Methyldecanoic acid		5601-60-5	
3972	2-Methyldecanonitrile		69300-15-8	
3973	Methyl 2-decenoate		2482-39-5	

Sl.No.	Material Name	FEMA	CAS	Synonyms
3974	Methyl 4-decenoate		7367-83-1	
3975	Methyl (E)-2-decenoate		7367-85-3	
3976	4-Methyl-3-decen-5-ol		81782-77-6	
3977	Methyl decyl ketone		6175-49-1	2-Dodecanone
3978	(5H)-5-Methyl-6,7-dihydrocyclopenta(b)pyrazine	3306	23747-48-0	6,7-Dihydro-5-methyl(5H)cyclopentapyrazine
3979	2-Methyl-4,5-dihydrofuran-3-thiol	4683	26486-13-5	4,5-Dihydro-2-methyl-3-mercaptofuran, 3-Furanthiol, 4,5-dihydro-2-methyl-, 3-Mercapto-2-methyl-4,5-dihydrofuran
3980	Methyl dihydrojasmonate	3408	24851-98-7	Methyl (2-amy1-3-oxocyclopentyl)acetate, Methyl epi-dihydrojasmonate
3981	Methyl 2,4-dihydroxy-3-methylbenzate		33662-58-7	Methyl 3-methyl-beta-resorcyate
3982	4-Methyl-2,6-dimethoxyphenol	3704	05-07-6638	2,6-Dimethoxy-p-cresol, 4-Methylsyringol
3983	Methyl N,N-dimethylantranilate	4169	10072-05-6	
3984	Methyl 3,3-dimethylbicyclo[2.2.1]heptan-3-carboxylate		52557-97-8	Methyl-2,2-dimethylbicyclo-(2.2.1)-heptane-3-carboxylate
3985	Methyl 3,7-dimethyl-2,6-octadienoate		1189-09-9	Methyl geranate
3986	Methyl 3,7-dimethyl-6-octenoate	3361	2270-60-2	Methyl citronellate
3987	2-Methyl-1,5-dioxaspiro[5.5]undecane		6413-26-9	
3988	Methyl dioxolan		10-01-6413	
3989	2-Methyl-1,3-dioxolane-2-ethyl acetate		68039-72-5	
3990	2-(Methyldithio)isobutyraldehyde		67952-60-7	
3991	2-Methyl-1,3-dithiolane	3705	5616-51-3	
3992	3-Methyldodecanonitrile		85951-07-1	
3993	Methyl 2-dodecenoate		6208-91-9	
3994	alpha-Methylenecitronellal		22418-66-2	
3995	3,4-Methylenedioxyphenol		533-31-3	

Sl.No.	Material Name	FEMA	CAS	Synonyms
3996	3-(3,4-Methylenedioxyphenyl)-2-methylpropanal	4599	1205-17-0	2-Methyl-3-(3,4-methylenedioxyphenyl)propanal, 2-Methyl-3-(3,4-methylenedioxyphenyl)propionaldehyde, alpha-Methyl-3,4-(methylenedioxy)hydrocinnamaldehyde
3997	6-Methylene-2,10,10-trimethyl-1-oxaspiro[4.5]dec-7-ene		65416-59-3	
3998	Methyl epi-jasmonate nature identical		39924-52-2	
3999	Methyl ester of rosin, partially hydrogenated		8050-15-5	
4000	4-Methyl-7-ethoxycoumarin		87-05-8	Maraniol
4001	2-Methyl-3-ethoxypyrazine	3569	32737-14-7	2-Ethoxy-3-methylpyrazine
4002	2-Methyl-3,5 or 6-ethoxypyrazine	3569	65504-94-1	
4003	2-Methyl-5-ethoxypyrazine	3569	67845-34-5	
4004	2-Methyl-6-ethoxypyrazine	3569		
4005	cis-4-(1-Methylethyl)cyclohexanemethanol		13828-47-0	
4006	Methylethylcyclopentene		19780-56-4	
4007	Methyl ethyl ketone	2170	78-93-3	2-Butanone, Ethyl methyl ketone, Ketone C-4, MEK
4008	Methyl ethyl ketone (natural)	2170	78-93-3	
4009	Methyl ethyl sulfide	3860	624-89-5	Ethyl methyl sulfide, Ethyl methyl thioether, (Methylthio)ethane, 1-(Methylthio)ethane, 2-Thiabutane
4010	Methyl ethyl trisulfide	3861	31499-71-5	Ethyl methyl trisulfide, 2,3,4-Trithiahexane
4011	Methylfarnesyl acetate		33883-45-3	
4012	Methyl formate		107-31-3	
4013	Methyl N-formylanthranilate	4171	41270-80-8	
4014	2-Methylfuran	4179	534-22-5	
4015	2-Methyl-3(2H)furanone		41763-99-9	
4016	5-Methyl-3(2H)furanone	4176	3511-32-88	
4017	2-Methyl-3-furanthiol	3188	28588-74-1	2-Methyl-3-furylmercaptan
4018	2-Methyl-3-furanthiol (natural)	3188	28588-74-1	
4019	5-Methylfurfural	2702	620-02-0	5-Methyl-2-furaldehyde
4020	5-Methylfurfural (natural)	2702	620-02-0	

Sl.No.	Material Name	FEMA	CAS	Synonyms
4021	5-Methylfurfuryl alcohol	4544	3857-25-8	5-Methyl-2-furanmethanol, 5-Methyl-2-furfuryl alcohol, (5-Methyl-2-furyl)methanol
4022	Methyl furfuryl disulfide	3362	57500-00-2	Furfuryl methyl disulfide, Methyl 2-furylmethyl disulfide
4023	Methyl furfuryl disulfide (natural)	3362	57500-00-2	
4024	5-Methylfurfurylmercaptan	4697	59303-05-8	2-Furanmethanethiol, 5-methyl-, 5-Methyl-2-furanmethanethiol, (5-Methylfuran-2-yl)methanethiol, (5-Methylfurfuryl)mercaptan
4025	Methyl 3-(furfurylthio)propionate	4538	94278-26-9	Methyl furfurylmercaptopropionate, Methyl 3-(2-furylmethylsulfanyl)propanoate, Propanoic acid, 3-[(2-furanylmethyl)thio]-,methyl ester
4026	2-Methyl-3-(furfurylthio)pyrazine	3189	59303-07-0	2-Furfurylthio-3-methylpyrazine
4027	2-Methyl-3-,5- or 6-(furfurylthio)pyrazine (mixture of isomers)	3189	65530-35-2	2-Furfurylthio-3-5- or 6-methylpyrazine
4028	2-Methyl-5-(furfurylthio)pyrazine	3189		2-Furfurylthio-5-methylpyrazine
4029	2-Methyl-6-(furfurylthio)pyrazine	3189		2-Furfurylthio-6-methylpyrazine
4030	Methyl furfuryl trisulfide		66169-00-4	
4031	Methyl 2-furoate	2703	611-13-2	Methyl furoate, Methyl pyromucate
4032	2-Methyl-3-(2-furyl)acrolein	2704	874-66-8	Furfurylidene-2-propanal, 2-Methyl-3-furylacrolein, alpha-Methyl-beta-furylacrolein, alpha-Methylfurylacrolein, 2-Methyl-3-(2-furyl)propenal
4033	Methyl 3-(2-furyl)acrylate		623-18-7	Methyl furfuracrylate, Methyl 3-(2-furyl)propenoate
4034	3-(5-Methyl-2-furyl)butanal	3307	31704-80-0	3-(5-Methyl-2-furyl)butyraldehyde
4035	2-Methyl-3-furyl 2-methyl-3-tetrahydrofuryl disulfide	4545	252736-40-6	
4036	2-Methyl-3-furyl methylthiomethyl disulfide	4320	333384-99-9	
4037	3-(5-Methyl-2-furyl)-2-propenal		5555-90-8	
4038	3-(5-Methyl-2-furyl)prop-2-enal	4175	5555-90-8	
4039	3-[(2-Methyl-3-furyl)thio]butanal	4501	915971-43-6	3-[(2-Methylfuran-3-yl)sulfanyl]butanal, Methylthiofuryl butanal
4040	(+/-)-3-[(2-Methyl-3-furyl)thio]-2-butanone	4056		

Sl.No.	Material Name	FEMA	CAS	Synonyms
4041	3-((2-Methyl-3-furyl)thio)-4-heptanone	3570	61295-41-8	1,3-Diethylacetyl 2-methyl-3-furyl sulfide
4042	4-((2-Methyl-3-furyl)thio)-5-nonanone	3571	61295-50-9	1,3-Dipropylacetyl 2-methyl-3-furyl sulfide
4043	Methyl geranate nature identical		2349-14-6	Methyl-3,7-dimethylocta-2,6-dienoate
4044	6-Methyl-3,5-heptadien-2-one	3363	1604-28-0	2-Methylhepta-2,4-dien-6-one, Methylheptadienone
4045	6-Methylheptanal	4498	63885-09-6	
4046	Methyl heptanoate	2705	106-73-0	
4047	Methyl heptanoate (natural)	2705	106-73-0	
4048	2-Methylheptanoic acid	2706	1188-02-9	Methylamylacetic acid, 2-Methyloenanthic acid
4049	4-Methylheptanoic acid			
4050	6-Methylheptanoic acid		929-10-2	
4051	2-Methylheptan-3-one	4000	13019-20-0	
4052	5-Methyl-3-heptanone		541-85-5	
4053	6-Methyl-2-heptanone		928-68-7	
4054	6-Methylheptan-3-one		624-42-0	Isoamyl ethyl ketone
4055	5-Methyl-3-heptanone oxime		22457-23-4	
4056	6-Methyl-5-hepten-2-ol		1569-60-4	
4057	5-Methyl-2-hepten-4-one (natural)	3761	81925-81-7	Filbertone, Hazeltone
4058	5-Methyl-2-hepten-4-one	3761	81925-81-7	Filbertone G, Hazeltone
4059	(E)-6-Methyl-3-hepten-2-one	4001	20859-10-3	
4060	6-Methyl-5-hepten-2-one	2707	110-93-0	Methylheptenone, 2-Methyl-2-hepten-6-one
4061	6-Methyl-5-hepten-2-one (natural)	2707	110-93-0	
4062	6-Methyl-5-hepten-2-one propyleneglycol acetal	4400	68258-95-7	2,4-Dimethyl-2-(4-methyl-3-pentenyl)-1,3-dioxolane
4063	Methyl heptenyl acetate		38228-51-2	
4064	6-Methyl-5-hepten-2-yl acetate	4177	19162-00-6	
4065	Methyl hexadecanoate		112-39-0	Methyl palmitate
4066	3-Methylhexanal	4261	19269-28-4	

Sl.No.	Material Name	FEMA	CAS	Synonyms
4067	5-Methyl-2,3-hexanedione	3190	13706-86-0	Acetylisopentanoyl, Acetylisovaleryl
4068	S-Methyl hexanethioate	3862	2432-77-1	Methyl thiohexanoate
4069	2-Methylhexanoic acid	3191	4536-23-6	
4070	3-Methylhexanoic acid		3780-58-3	
4071	4-Methylhexanoic acid		1561-11-1	
4072	5-Methylhexanoic acid	3572	628-46-6	Isoheptanoic acid, Isoanthic acid
4073	5-Methylhexan-2-one		110-12-3	Isoamyl methyl ketone
4074	Methyl 2-hexenoate	2709	2396-77-2	Methyl beta-propylacrylate
4075	trans-Methyl-2-hexenoate		13894-63-8	
4076	Methyl 3-hexenoate	3364	2396-78-3	
4077	2-Methyl-2-hexenoic acid		28897-58-7	
4078	5-Methyl-3-hexen-2-one	3409	5166-53-0	
4079	5-Methyl-5-hexen-2-one	3365	03-09-3240	
4080	5-Methylhexyl acetate	4346	180348-60-1	
4081	Methyl hexyl ether	4291	07-03-4747	n-Hexyl methyl ether, 1-Methoxyhexane
4082	Methyl 2-hexyl-3-oxocyclopentanecarboxylate		37172-53-5	2-n-Hexyl-3-methoxycarbonylcyclopentanone, Methyl dihydroisojasmonate
4083	p-Methyl hydrocinnamic aldehyde		12-02-5406	4-Methyl benzenepropanal
4084	Methyl 3-hydroxybutyrate	4450	1487-49-6	3-Hydroxybutyric acid methyl ester, (+/-)-Methyl 3-hydroxybutanoate
4085	Methyl 5-hydroxydecanoate		101853-47-8	
4086	Methyl 3-hydroxyhexanoate	3508	21188-58-9	Methyl 3-hydroxycaproate, Methyl beta-hydroxycaproate, Methyl beta-hydroxyhexanoate
4087	Methyl 2-hydroxy-4-methylpentanoate	3706	40348-72-9	Methyl 2-hydroxyisocaproate
4088	2-(4-Methyl-2-hydroxyphenyl)propionic acid-gamma-lactone	3863	65817-24-5	Dimethyl-3,6-benzo-2(3H)-furanone, Furaminton
4089	Methyl 2-hydroxypropionate		27871-49-4	
4090	alpha-Methyl-beta-hydroxypropyl alpha-methyl-beta-mercaptopropyl sulfide	3509	54957-02-7	3-(2-Mercapto-(1-methylpropyl)thio)-2-butanol
4091	2-Methylindole		95-20-5	

Sl.No.	Material Name	FEMA	CAS	Synonyms
4092	alpha-Methylionol		70172-00-8	
4093	beta-Methylionol		93840-90-5	
4094	Methylionone	2714	1335-46-2	
4095	Methyl-alpha-ionone	2711	1335-46-2	alpha-Cetone, alpha-Cyclocitrylidenebutanone, alpha-Cyclocitrylideneethyl ketone, Raldeine, 5-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-4-penten-3-one
4096	alpha-Methyl-ionone		127-42-4	
4097	Methyl-beta-ionone	2712	127-43-5	beta-Cetone, beta-Cyclocitrylidenebutanone, beta-Iraldeine, beta-Methylionone, Raldeine (beta), 5-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-4-penten-3-one
4098	Methyl-delta-ionone		79-89-0	Iraldein delta, 5-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-4-penten-3-one
4099	Methyl alpha-iononylglycidate		67905-40-2	Methyl alpha-ionone glycidate
4100	beta-Methylionyl acetate		137085-37-1	Methylionyl acetate
4101	beta-Methylionone diethyl ketal			
4102	Methyliritone		67801-29-0	
4103	Methyl isobutanethioate	4586	42075-42-3	S-Methyl 2-methylpropanethioate, Propanethioic acid, 2-methyl-, S-methyl ester
4104	Methyl isobutyl carbonyl crotonate		35206-51-0	Frutinat
4105	Methyl isobutyrate	2694	547-63-7	Methyl 2-methylpropanoate
4106	Methyl isobutyrate (natural)	2694	547-63-7	
4107	Methyl isopentyl disulfide	4168	72437-56-0	Isoamyl methyl disulfide
4108	Methylisopseudoionone		1117-41-5	3,6,10-Trimethyl-3,5,9-undecatrien-2-one
4109	Methyl isothiocyanate	4426	556-61-6	Isothiocyanatomethane, Methyl isothiocyanide, Methyl mustard, Methyl mustard oil
4110	Methyl isovalerate	2753	556-24-1	Methyl isopentanoate, Methyl isovalerianate, Methyl 3-methylbutanoate, Methyl 3-methylbutyrate

Sl.No.	Material Name	FEMA	CAS	Synonyms
4111	Methyl isovalerate (natural)	2753	556-24-1	
4112	Methyl jasmonate	3410	39924-52-2	Cyclopentaneacetic acid, 3-oxo-2-(2-pentenyl)-methyl ester (1R,2bZ), Methyl epijasmonate, Methyl (1R-(1a,2b(Z)))3-oxo-2-(pent-2-enyl)cyclopentaneacetate, Methyl (2-pent-2-enyl-3-oxo-1-cyclopentyl)acetate
4113	Methyl 3-ketocaproate		30414-54-1	
4114	Methyl laurate	2715	111-82-0	Methyl dodecanoate, Methyl dodecylate
4115	Methyl lavender ketone		67633-95-8	
4116	Methyl levulinate	4478	624-45-3	Levulinic acid methyl ester, Methyl 4-oxopentanoate, Methyl 4-oxovalerate, 4-Oxopentanoic acid methyl ester
4117	Methyl linoleate	3411	112-63-0	Methyl 9,12-octadecadienoate
4118	Methyl linoleate (48%) methyl linolenate (52%) mixture	3411	301-00-8	Linoleic and linolenic methyl acids, Methyl 9,12,15-octadecatrienoate
4119	Methyl mercaptan	2716	74-93-1	Mercaptomethane, Methanethiol, Methyl sulfhydrylate, Thiomethyl alcohol
4120	Methyl mercaptan (natural)	2716	74-93-1	
4121	Methyl 3-mercaptoputanoate	4167		
4122	4 Methyl-4-mercaptopentan-2-one	3997	19872-52-7	
4123	4 Methyl-4-mercaptopentan-2-one (natural)	3997		
4124	2-Methyl-3-mercaptothiophene		2527-76-6	
4125	Methyl methanethiosulfonate		2949-92-0	
4126	Methyl o-methoxybenzoate	2717	606-45-1	Dimethyl salicylate, Methyl o-anisate, Methyl salicylate o-methyl ether
4127	Methyl o-methoxybenzoate (natural)	2717	606-45-1	
4128	1-Methyl-3-methoxy-4-isopropylbenzene	3436	1076-56-8	3-Methoxy-p-cymene, Thymol methyl ether
4129	2-Methyl-3-(p-methoxyphenyl)propanal		06-06-5462	2-(p-Anisyl)propanal, p-Methoxy-alpha-methylhydrocinnamaldehyde
4130	2-Methyl-5-methoxythiazole	3192	38205-64-0	5-Methoxy-2-methylthiazole
4131	Methyl p-methylbenzoate		99-75-2	
4132	S-Methyl 3-methylbutanethioate	3864	23747-45-7	Methanethiol isovalerate, S-Methyl 3-methylbutyrate
4133	Methyl 3-methyl-1-butenyl disulfide	3865		

Sl.No.	Material Name	FEMA	CAS	Synonyms
4134	3-Methyl-2(3-methylbut-2-en-1-yl)furan	4174	15186-51-3	
4135	Methyl 2-methylbutyrate	2719	868-57-5	Methyl 2-methylbutanoate
4136	Methyl 2-methylbutyrate (natural)	2719	868-57-5	
4137	Methyl 1-methyl-3-cyclohexenecarboxylate		6493-80-7	
4138	2-Methyl-2-(methyldithio)propanal	3866	67952-60-7	2-(Methyldithio)isobutyraldehyde
4139	2-Methyl-6-methylene-7-octen-2-yl acetate		69103-01-1	2-Acetoxy-2-methyl-6-methylene-7-octene
4140	2-[6(5)-Methyl-8(7)-(1-methylethyl)bicyclo[2.2.2]oct-5-en-2-yl]-1,3-dioxolane		68901-32-6	
4141	1-(1(or4)-Methyl-4(or1)-(1-methylethyl)bicyclo[2.2.2]oct-5-en-2-yl)ethanone		69882-09-3	Phylanton N
4142	Methyl 5-methylfurfuryl disulfide		78818-78-7	
4143	Methyl 5-methylfurfuryl sulfide		13679-60-2	
4144	Methyl 2-methyl-3-furyl disulfide	3573	65505-17-1	
4145	Methyl 1-methyl-4-isopropylbicyclo[2.2.2]oct-5-enecarboxylate		68966-86-9	2-Bicyclo(2,2,2)octen-5(6)-carbomethoxy, 1-methyl-4-isopropyl, Mahagonate
4146	S-Methyl 4-methylpentanethioate	3867	61122-71-2	
4147	Methyl 2-methylpentanoate	3707	2177-77-7	Methyl 2-methylvalerate
4148	Methyl 2-methyl-3-pentenoate		33603-30-4	
4149	1-Methyl-4-(4-methyl-3-pentenyl)-3-cyclohexene-1-carboxaldehyde		52474-60-9	Mirical, Myrmac aldehyde, Precyclemon B
4150	(+/-)-cis- and trans-2-Methyl-2-(4-methyl-3-pentenyl)cyclopropanecarbaldehyde	4393	97231-35-1	
4151	1-Methyl-4-(4-methylpentyl)-3-cyclohexenecarbaldehyde		66327-54-6	
4152	Methyl 2-methylphenyl disulfide	4579	35379-09-0	Methyl o-tolyl disulfide
4153	Methyl methylphenylglycidate		99334-18-6	
4154	2-Methyl-3-(p-methylphenyl)propanal	2748	41496-43-9	2-Methyl-3-tolylpropionaldehyde, Satinaldehyde

Sl.No.	Material Name	FEMA	CAS	Synonyms
4155	Methyl 2-methyl-2-propenoate	4002	80-62-6	
4156	cis-4-Methyl-2-(2-methyl-1-propenyl)tetrahydro[2H]pyran		3033-23-6	2H-Pyran,tetrahydro-4-methyl-2-(2-methyl-1-propenyl)-, (2S-cis)-, l-Rose oxide, Rose oxide-L
4157	Methyl (methylthio)acetate	4003	16630-66-3	
4158	Methyl 3-(methylthio)butanoate	4166	207983-28-6	Methyl 3-(methylthio)butyrate
4159	2-Methyl-1-methylthio-2-butene	4173		
4160	Methyl 2-methylthiobutyrate	3708	42075-45-6	
4161	Methyl 4-(methylthio)butyrate	3412	50053-51-3	Methyl gamma-(methylmercapto)butyrate, Methyl gamma-(methylthio)butyrate
4162	2-Methyl-3-(methylthio)furan	3949	63012-97-5	Dimethylthiofurane
4163	2-Methyl-5-(methylthio)furan	3366	13678-59-6	2-Methyl-5-thiomethylfuran
4164	4-Methyl-2-(methylthiomethyl)-2-hexenal	4566	99910-84-6	4-Methyl-2-[(methylsulfanyl)methyl]hex-2-enal
4165	5-Methyl-2-(methylthiomethyl)-2-hexenal	4567		5-Methyl-2-[(methylsulfanyl)methyl]hex-2-enal
4166	4-Methyl-2-(methylthiomethyl)-2-pentenal	4568	40878-73-7	4-Methyl-2-[(methylsulfanyl)methyl]pent-2-enal
4167	Methyl 3-(methylthio)propionate	2720	13532-18-8	Methyl beta-methylmercaptopropionate, Methyl beta-methylthiopropionate
4168	2-Methyl-3-(methylthio)pyrazine	3208	2882-20-4	2-Methylthio-3-methylpyrazine, Pyrazine, 2-methyl-3-(methylthio)-
4169	2-Methyl-5-(methylthio)pyrazine	3208	2884-14-2	
4170	2-Methyl-6-(methylthio)pyrazine	3208	2884-13-1	
4171	Methyl 4-methylvalerate	2721	2412-80-8	Methyl isobutylacetate, Methyl isocaproate, Methyl 4-methylpentanoate
4172	Methyl myristate	2722	124-10-7	Methyl tetradecanoate
4173	1-Methylnaphthalene	3193	90-12-0	alpha-Methylnaphthalene
4174	2-Methylnaphthalene		91-57-6	
4175	Methyl beta-naphthyl ketone	2723	93-08-3	beta-Acetylnaphthalene, Cetone D, beta-Naphthyl methyl ketone, Oranger crystals

Sl.No.	Material Name	FEMA	CAS	Synonyms
4176	Methyl nicotinate	3709	93-60-7	3-Carbomethoxypyridine, Methyl 3-pyridinecarboxylate
4177	8-Methylnonanal	4803	3085-26-5	
4178	3-Methyl-2,4-nonanedione	4057	113486-29-6	
4179	Methyl nonanoate	2724	1731-84-6	Methyl nonylate, Methyl pelargonate
4180	4-Methylnonanoic acid	3574	45019-28-1	4-Methylpelargonic acid
4181	3-Methyl-2-nonenenitrile		53153-66-5	
4182	Methyl 2-nonenoate	2725	111-79-5	Methyl nonylenate
4183	Methyl 3-nonenoate	3710	13481-87-3	
4184	4-(5-Methyl-5-norbornen-2-yl)endo pyridine		125352-06-9	
4185	Methyl 9-octadecenoate		112-62-9	Methyl oleate
4186	2-Methyloctanal	2727	7786-29-0	Methylhexylacetaldehyde
4187	(+/-)-6-Methyloctanal	4433	30689-75-9	
4188	4-Methyloctanoic acid	3575	54947-74-9	
4189	2-Methyl-2-octanol		628-44-4	
4190	3-Methyloctan-3-ol		5340-36-3	Amyl ethyl methyl carbinol, Aprol 161
4191	3-Methyloctanonitrile			3-Methyl octane nitrile
4192	2-Methyl-2-octenal	3711	49576-57-0	
4193	Methyl trans-2-octenoate	3712	7367-81-9	Methyl (E)-2-octenoate
4194	Methyl 3-octenoate		35234-16-3	
4195	Methyl cis-4-octenoate	3367	21063-71-8	
4196	3-Methyl-1-octen-3-ol		24089-00-7	Aprol 160
4197	6-Methyl-5-octen-2-one		24199-46-0	Ethyl-heptanone
4198	(E)-7-Methyl-3-octen-2-one	3868	33046-81-0	trans-7-Methyl-3-octen-2-one
4199	Methyl octine carbonate	2726	111-80-8	Methyl 2-nonynoate, Methyl octyne carbonate
4200	Methyl octyl sulfide	4573	3698-95-1	1-(Methylsulfanyl)octane, 1-(Methylthio)-octane, 2-Thiadecane
4201	Methyl 2-octynoate	2729	111-12-6	Methyl heptine carbonate, Methyl heptyne carbonate
4202	14-Methyl-13-oxabicyclo[10.3.0]pentadecane		86505-83-1	

Sl.No.	Material Name	FEMA	CAS	Synonyms
4203	8-Methyl-1-oxaspiro[4.5]decan-2-one		94201-19-1	
4204	4-Methyl-1-oxaspiro[5.5]undecan-4-ol		57094-40-3	1-Oxaspiro-dodecane
4205	3-Methyl-2-oxobutanoic acid	3869	759-05-7	Dimethylpyruvic acid, 3-Methyl-2-oxobutyric acid, 2-Oxoisovaleric acid
4206	3-Methyl-2-oxobutanoic acid, sodium salt	3869	3715-29-5	
4207	Methyl 2-oxo-3-methylpentanoate	3713	3682-42-6	Methyl 2-keto-3-methylvalerate, Methyl 3-methyl-2-oxovalerate
4208	3-Methyl-2-oxopentanoic acid	3870	1460-34-0	Methylethylpyruvic acid, 3-Methyl-2-oxovaleric acid
4209	3-Methyl-2-oxopentanoic acid, sodium salt	3870	3715-31-9	
4210	4-Methyl-2-oxopentanoic acid	3871	816-66-0	Isopropylpyruvic acid, 4-Methyl-2-oxovaleric acid
4211	4-Methyl-2-oxopentanoic acid, sodium salt	3871	4502-00-5	
4212	Methyl 2-oxopropionate		600-22-6	
4213	Methylparaben	2710	99-76-3	Methylben, Methyl p-hydroxybenzoate, Methyl parasept, Paradol, Preserval M, Septos, Tegosept M
4214	3-Methyl-1,4-pentadiene			
4215	2-Methylpentanal	3413	123-15-9	2-Methylvaleraldehyde
4216	4-Methylpentanal		1119-16-0	
4217	2-Methyl-2,4-pentandiol		107-41-5	
4218	2-Methyl-2,4-pentandiol diacetate		1637-24-7	
4219	3-Methylpentanoic acid	3437	105-43-1	sec-Butylacetic acid, 3-Methylvaleric acid, beta-Methylvaleric acid
4220	4-Methylpentanoic acid	3463	646-07-1	Isocaproic acid, Isohexanoic acid, 4-Methylvaleric acid
4221	4-Methylpentanoic acid (natural)	3463		
4222	3-Methyl-1-pentanol	3762	589-35-5	2-Ethyl-4-butanol
4223	3-Methyl-3-pentanol		77-74-7	
4224	4-Methylpentanol		626-89-1	
4225	4-Methyl-2-pentanol		108-11-2	
4226	3-Methyl-2-pentanone		565-61-7	

Sl.No.	Material Name	FEMA	CAS	Synonyms
4227	4-Methyl-2-pentanone	2731	108-10-1	Hexone, Isobutyl methyl ketone, Isohexanone-2, Isopropylacetone, Methyl isobutyl ketone
4228	4-Methyl-2-pentanone (natural)	2731	108-10-1	
4229	2-Methyl-2-pentenal	3194	623-36-9	2,4-Dimethylcrotonaldehyde, alpha-Methyl-beta-ethylacrolein
4230	4-Methyl-2-pentenal	3510	5362-56-1	
4231	4-Methyl-2-pentenal (natural)	3510	5362-56-1	
4232	2-Methyl-2-pentenal (natural)	3194	623-36-9	
4233	4-Methyl-cis-2-pentene	4650	691-38-3	cis-1-Isopropylpropene, 4-Methyl-(2Z)-pentene, (Z)-4-Methyl-2-pentene
4234	Methyl 4-pentenoate	4353	818-57-5	Allylactic acid methyl ester, Methyl allylacetate, Methyl pent-4-enoate
4235	2-Methyl-2-pentenoic acid	3195	3142-72-1	
4236	2-Methyl-3-pentenoic acid	3464	37674-63-8	
4237	2-Methyl-4-pentenoic acid	3511	1575-74-2	
4238	4-Methylpent-2-enoic acid	4180	10321-71-8	4-Methyl-2-pentenoic acid
4239	4-Methyl-3-pentenoic acid		504-85-8	
4240	2-Methyl-2-pentenoic acid (natural)	3195	3142-72-1	
4241	3-Methyl-3-penten-2-one		565-62-8	
4242	4-Methyl-3-penten-2-one	3368	141-79-7	Isopropylideneacetone, Mesityl oxide, Methyl isobutenyl ketone
4243	4-Methyl-4-penten-2-one		03-02-3744	
4244	3-Methyl-3-penten-1-yl acetate		1708-97-0	Metnyl pentenol
4245	4(3)-(4-Methylpent-3-enyl)cyclohex-3-enecarbaldehyde		37677-14-8	
4246	3-(4-Methyl-3-pentenyl)-3-cyclohexene-1-carbonitrile		68084-04-8	
4247	4-(4-Methyl-3-penten-1-yl)-2(5H)-furanone	4868		
4248	3-Methylpentyl angelate		53082-58-9	
4249	Methylpentylcyclopenten-2-one		68411-18-7	

Sl.No.	Material Name	FEMA	CAS	Synonyms
4250	4-Methyl-2-pentyl-1,3-dioxolane	3630	1599-49-1	2-Amyl-4-methyl-1,3-dioxolane, Hexanal propylene glycol acetal
4251	4-Methylpentyl isovalerate	4347	850309-45-4	4-Methylpentyl 3-methylbutanoate
4252	2-Methylpentyl 2-methylpentanoate		90397-38-9	4(5)-Formyl-7,7,9(7,9,9)-trimethylbicyclo{4.3.0}non-1-ene, 2-Methyl-2-methylvaleryl-valerianate
4253	5-Methyl-2-pentylthiazole		86290-21-3	
4254	Methyl phenethyl ether	3198	3558-60-9	Phenethyl methyl ether
4255	p-Methylphenoxyacetaldehyde		67845-46-9	
4256	p-Methylphenoxyacetaldehyde dimethyl acetal		6324-78-3	
4257	Methyl phenoxyacetate		2065-23-8	
4258	2-(4-Methylphenoxy)-N-(1H-pyrazol-3-yl)-N-(thiophen-2-ylmethyl)acetamide	4809	1374760-95-8	
4259	Methyl phenyl acetate	2733	101-41-7	Methyl alpha-toluate
4260	Methyl phenyl acetate (natural)		101-41-7	
4261	p-Methylphenyl acetate	3073	140-39-6	Acetyl-p-cresol, p-Cresyl acetate, p-Cresylic acetate, p-Tolyl acetate, p-Tolyl ethanoate
4262	2-Methyl-4-phenyl-2-butanol	3629	103-05-9	Dimethyl phenylethyl carbinol, 1,1-Dimethyl-3-phenyl-1-propanol
4263	3-Methyl-4-phenyl-3-butene-2-one	2734	1901-26-4	3-Benzylidene-2-butanone, alpha-Methyl-alpha-benzalacetone, 1-Methyl-1-benzylideneacetone
4264	2-Methyl-4-phenylbutyraldehyde	2737	40654-82-8	2-Methyl-4-phenylbutanal
4265	3-Methyl-2-phenylbutyraldehyde	2738	2439-34-3	alpha-Isopropylphenylacetaldehyde, alpha-Phenylisopentanal, alpha-Phenylisovaleraldehyde
4266	Methyl 4-phenylbutyrate	2739	2046-17-5	Methyl gamma-phenylbutyrate
4267	Methyl phenyl disulfide	3872	14173-25-2	Phenyl methyl disulfide
4268	2-(2-Methylphenyl)ethanol		19819-98-8	
4269	2-(3-Methylphenyl)ethanol		1875-89-4	ortho,meta,para-Methyl benzene ethanol
4270	1-Methyl-2-phenylethyl butyrate	3197	68922-11-2	Methyl benzyl carbinyl butyrate, 1-Phenyl-2-propyl butyrate
4271	Methyl beta-phenylglycidate	4654	37161-74-3	Glycidic acid, 3-phenyl-, methyl ester, (+/-)-Methyl 2,3-epoxycinnamate, Methyl-3-phenyloxirane-2-carboxylate
4272	5-Methyl-2-phenyl-2-hexenal	3199	21834-92-4	2-Phenyl-5-methyl-2-hexenal
4273	5-Methyl-2-phenyl-2-hexenal (natural)	3199	21834-92-4	
4274	N-Methyl-N-phenyl-2-methylbutyramide		84434-18-4	

Sl.No.	Material Name	FEMA	CAS	Synonyms
4275	3-Methyl-5-phenyl-1-pentanal		55066-49-4	
4276	2-Methyl-4-phenyl-1-pentanol		92585-24-5	
4277	2-Methyl-5-phenylpentan-1-ol		25634-93-9	Rosaphen
4278	3-Methyl-5-phenyl-1-pentanol		55066-48-3	
4279	4-Methyl-1-phenyl-2-pentanone	2740	5349-62-2	Benzyl isobutyl ketone, Isobutyl benzyl ketone
4280	4-Methyl-4-phenyl-2-pentanone		7403-42-1	Vetikone
4281	4-Methyl-2-phenyl-2-pentenal	3200	26643-91-4	
4282	4-Methyl-2-phenyl-2-pentenal (natural)	3200	26643-91-4	
4283	3-Methyl-5-phenyl-2-pentenenitrile		93893-89-1	Citronitril (nature identical)
4284	4-Methyl-4-phenyl-2-pentyl acetate		68083-58-9	Veticolacetate
4285	4-Methyl-4-phenyl-2-pentyl isobutyrate		93981-81-8	
4286	Methyl 3-phenylpropionate	2741	103-25-3	Methyl dihydrocinnamate, Methyl hydrocinnamate
4287	Methyl phenyl sulfide	3873	100-68-5	Methyl phenyl thioether, (Methylthio)benzene, Phenyl methyl sulfide, 1-Phenyl-1-thioethane, Phenylthiomethane, Thioanisole
4288	1-Methylpiperidine		626-67-5	
4289	2-Methylpiperidine	4244	109-05-7	alpha-Pipecoline
4290	Methyl pivalate		598-98-1	
4291	2-Methylpropanal diethyl acetal		1741-41-9	
4292	2-Methylpropanal di(3-methylbutyl) acetal			
4293	2-Methylpropanal di(2-methylpropyl) acetal		13262-24-3	
4294	2-Methylpropanal ethyl 3-methylbutyl acetal			
4295	2-Methylpropanal ethyl 2-methylpropyl acetal			
4296	2-Methylpropanal ethyl propyl acetal			
4297	2-Methylpropanal 2-methylpropyl 3-methylbutyl acetal			
4298	S-Methyl propanethioate	4172	5925-75-7	S-Methyl thiopropionate
4299	2-Methyl-1-propanethiol	3874	513-44-0	Isobutyl mercaptan
4300	2-Methyl-2-propanethiol		75-66-1	

Sl.No.	Material Name	FEMA	CAS	Synonyms
4301	2-Methylpropan-2-ol		75-65-0	1,1-Dimethylethanol
4302	Methyl 2-propenoate		96-33-3	
4303	Methyl 1-propenyl disulfide	3576	5905-47-5	Methyldithio-1-propene, 1-Propenyl methyl disulfide
4304	Methyl 1-propenyl sulfide	4574	10152-77-9	Methyl propenyl sulfide, 1-(Methylsulfanyl)prop-1-ene, 1-(Methylthio)-1-propene
4305	Methyl 1-propenyl trisulfide		33368-80-8	
4306	Methyl propionate	2742	554-12-1	Methyl propanoate
4307	Methyl propionate (natural)	2742	554-12-1	
4308	Methyl N-propionyl anthranilate		25628-84-6	
4309	4-Methyl-2-propionylthiazole		13679-83-9	
4310	3-Methyl-5-propyl-2-cyclohexen-1-one	3577	3720-16-9	
4311	(2E,6E/Z,8E)-N-2-Methylpropyl)-2,6,8-decatrienamide	4668		Affinin, Spilanthol
4312	Methyl propyl disulfide	3201	2179-60-4	Methyldithiopropene
4313	2-Methylpropyl dodecanoate		37811-72-6	
4314	2-Methylpropyl hexadecanoate		110-34-9	
4315	2-Methylpropyl 2-hydroxypropionate		585-24-0	
4316	5-Methyl-5-propyl-2(1-methylbutyl)-1,3-dioxane		80480-24-6	
4317	2-Methylpropyl 2-methyl-2-propenoate		97-86-9	
4318	2-Methylpropyl 3-(methylthio)butyrate			
4319	2-Methyl-4-propyl-1,3-oxathiane	3578	67715-80-4	Oxane
4320	2-Methyl-4-propyl-1,3-oxathiane (natural)	3578		
4321	2-Methyl-3-propylpyrazine		15986-80-8	3-Propyl-2-methylpyrazine
4322	2-(2-Methylpropyl)pyridine	3370	6304-24-1	2-Isobutylpyridine
4323	3-(2-Methylpropyl)pyridine	3371	14159-61-6	3-Isobutylpyridine
4324	Methyl propyl sulfide		3877-15-4	
4325	2-Methylpropyl tetradecanoate		25263-97-2	
4326	Methyl propyl tetrasulfide		87148-08-1	
4327	2-(1-Methylpropyl)thiazole	3372	18277-27-5	2-sec-Butylthiazole

Sl.No.	Material Name	FEMA	CAS	Synonyms
4328	Methyl propyl trisulfide	3308	17619-36-2	Propyl methyl trisulfide
4329	2-Methylpyrazine	3309	109-08-0	2-Methyl-1,4-diazine
4330	2-Methylpyridine		109-06-8	
4331	3-Methylpyridine		108-99-6	
4332	4-Methylpyridine		108-89-4	
4333	1-Methylpyrrole		96-54-8	
4334	1-Methyl-1H-pyrrole-2-carboxaldehyde	4332	1192-58-1	2-Formyl-1-methylpyrrole, 2-Formyl-N-methylpyrrole, 1-Methyl-2-formylpyrrole, N-Methyl-2-formylpyrrole, N-Methyl-2-pyrrolaldehyde, N-Methylpyrrole-2-carbaldehyde, 1-Methylpyrrole-2-carboxaldehyde, N-Methylpyrrole-2-carboxaldehyde, N-Methyl-2-pyrrolylcarboxaldehyde
4335	1-Methylpyrrolidine		120-94-5	
4336	Methyl 2-pyrrolyl ketone	3202	1072-83-9	2-Acetopyrrole, 2-Acetylpyrrole, 2-Pyrrolyl methyl ketone
4337	2-Methylquinoline		91-63-4	
4338	4-Methylquinoline		491-35-0	Lepidine
4339	6-Methylquinoline	2744	91-62-3	p-Methylquinoline, p-Toluquinoline
4340	2-Methylquinoxaline		7251-61-8	
4341	5-Methylquinoxaline	3203	13708-12-8	
4342	6-Methylquinoxaline		6344-72-5	
4343	Methyl salicylate	2745	119-36-8	Methyl 2-hydroxybenzoate, Methyl o-hydroxybenzoate, Synthetic sweet birch oil, Synthetic teaberry oil, Synthetic wintergreen oil
4344	Methyl salicylate (natural)	2745	119-36-8	
4345	5-Methylsalicylic aldehyde		613-84-3	
4346	Methyl sandeflor		67739-11-1	
4347	Methyl sorbate	3714	689-89-4	Methyl 2,4-hexadienoate, Methyl (E,E)-2,4-hexadienoate
4348	2'-Methylspiro(bicyclo[2.2.1]heptane-2,5'-[1,3]dioxane)		87641-24-5	2,4-Dioxo-3-methyl-7,10-methanspiro[5.5]undecane

Sl.No.	Material Name	FEMA	CAS	Synonyms
4349	Methyl stearate		112-61-8	
4350	Methylsulfinylmethane (natural)	3875		
4351	Methylsulfinylmethane	3875	67-68-5	Dimethyl sulfoxide, DMSO, Methyl sulfoxide
4352	12-Methyltetradecanal		75853-50-8	
4353	2-Methyltetrahydrofuran		96-47-9	
4354	2-Methyltetrahydrofuran-3-one	3373	3188-00-9	Coffee furanone, Dihydro-2-methyl-3(2H)furanone
4355	2-Methyltetrahydrofuran-3-one (natural)	3373	3188-00-9	
4356	5-Methyltetrahydrofuran-3-one		34003-72-0	
4357	2-Methyl-3-tetrahydrofuranthiol	3787	57124-87-5	
4358	(+/-)-2-Methyltetrahydrofuran-3-thiol acetate	4686	252736-41-7	Ethanethioic acid, S-(tetrahydro-2-methyl-3-furanyl) ester, 2-Methyltetrahydrofuran thioacetate, 2-Methyltetrahydrofuran-3-thiol acetate, 2-Methyl-3-thioacetoxytetrahydrofuran
4359	7-Methyl-4,4a,5,6-tetrahydro-2(3H)naphalenone	3715	34545-88-5	
4360	p-Methyltetrahydroquinoline		91-61-2	Tetrahydro-p-methylquinoline
4361	5-Methyl-5,6,7,8-tetrahydroquinoxaline		52517-54-1	
4362	2-Methyltetrahydrothiophen-3-one	3512	13679-85-1	2-Methyl-4,5-dihydro(2H)3-thiophenone, 2-Methylthiolan-3-one
4363	2-Methylthiazole		3581-87-1	
4364	4-Methylthiazole	3716	693-95-8	
4365	5-Methyl thiazole		3581-89-3	
4366	2-Methylthiazolidine		24050-16-6	
4367	Methyl-2-thiazoline		2346-00-1	
4368	4-Methyl-3-thiazoline	4644	52558-99-3	4-Methyl-2,5-dihydrothiazole
4369	4-Methyl-5-thiazolylethanol	3204	137-00-8	5-(2-Hydroxyethyl)-4-methylthiazole, 5-beta-Hydroxyethyl-4-methylthiazole
4370	4-Methyl-5-thiazolylethanol acetate	3205	656-53-1	4-Methyl-5-thiazolylethyl acetate
4371	2-(4-Methyl-5-thiazolyl)ethyl butanoate	4277	94159-31-6	
4372	2-(4-Methyl-5-thiazolyl)ethyl decanoate	4281	101426-31-7	

Sl.No.	Material Name	FEMA	CAS	Synonyms
4373	2-(4-Methyl-5-thiazolyl)ethyl formate	4275	90731-56-9	
4374	2-(4-Methyl-5-thiazolyl)ethyl hexanoate	4279	94159-32-7	
4375	2-(4-Methyl-5-thiazolyl)ethyl isobutyrate	4278	94021-42-8	
4376	2-(4-Methyl-5-thiazolyl)ethyl octanoate	4280	163266-17-9	
4377	2-(4-Methyl-5-thiazolyl)ethyl propionate	4276	324742-96-3	
4378	1-(Methylthio)-3-octanone	4707	61837-77-2	1-Methylsulfanyloctan-3-one
4379	2-Methylthioacetaldehyde	3206	23328-62-3	(Methylmercapto)acetaldehyde
4380	S-Methylthioacetate	3876	1534-08-3	Methanethiol acetate, Methyl thioacetate
4381	2-Methyl-3-thioacetoxyl-4,5-dihydrofuran	3636	26486-14-6	2-Methyl-4,5-dihydro-3-furanthiol acetate
4382	Methylthio 2-(acetyloxy)propionate	3788	74586-09-7	S-Methyl-2-acetyloxypropanethioate, Thiomethyl acetylactate
4383	3-(Methylthio)butanal	3374	16630-52-7	3-Methylthiobutyraldehyde
4384	4-(Methylthio)butanal	3414	42919-64-2	gamma-Methyl-mercaptobutyraldehyde, gamma-Methylthiobutyraldehyde
4385	3-(Methylthio)butanal (natural)	3374		
4386	4-(Methylthio)butanol	3600	20582-85-8	
4387	1-(Methylthio)-2-butanone	3207	13678-58-5	
4388	3-(Methylthio)-2-butanone	4181	99315-41-0	
4389	4-(Methylthio)-2-butanone	3375	34047-39-7	
4390	4-(Methylthio)butyl isothiocyanate	4414	4430-36-8	(methylthio)butyl isothiocyanate-4-
4391	Methyl thiobutyrate	3310	2432-51-1	Methanethiol n-butyrate
4392	Methyl thiobutyrate (natural)	3310	2432-51-1	
4393	3-(Methylthio)butyric acid		16630-65-2	
4394	1-(3-(Methylthio)-butyryl)-2,6,6-trimethylcyclohexene	4569	68697-67-6	3-(Methylthio)-1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-1-butanone
4395	2-(Methylthio)ethanol	4004	5271-38-5	
4396	2-(Methylthio)ethyl acetate	4560	5862-47-5	2-Acetoxyethyl methyl sulfide, 2-(Methylsulfanyl)ethyl acetate
4397	Methyl 2-thiofuroate	3311	13679-61-3	Methanethiol furoate, Methyl thiofuroate
4398	(+/-)-3-(Methylthio)heptanal	4183		

Sl.No.	Material Name	FEMA	CAS	Synonyms
4399	3-Methylthiohexanal	3877	38433-74-8	
4400	3-Methylthio-1-hexanol	3438	51755-66-9	3-(Methylmercapto)-1-hexanol
4401	3-Methylthio-1-hexanol (natural)	3438	51755-66-9	
4402	3-(Methylthio)-1-hexyl acetate	3789	51755-85-2	3-Methylthiohexyl acetate
4403	3-(Methylthio)-1-hexyl acetate (natural)	3789	51755-85-2	3-Methylthiohexyl acetate (natural)
4404	6-(Methylthio)hexyl isothiocyanate	4415	4430-39-1	1-Isothiocyanato-6-(methylthio)hexane
4405	8-(Methylthio)-p-3-menthanone		32637-94-8	
4406	bis-(Methylthio)methane	3878	1618-26-24	bis(Methylmercapto)methane, 2,4-Dithiapentane, Formaldehyde dimethyl dithioacetal, Formaldehyde dimethyl mercaptal, Methylene bis(methyl sulfide), Thioformaldehyde dimethyl acetal
4407	7 S-[(Methylthio)methyl]thioacetate	4817		3,5-Dithiahexan-2-one, Methylthiomethyl acetyl sulfide
4408	2-(Methylthio)methyl-2-butenal	3601	40878-72-6	2-Ethylidenemethional
4409	Methylthiomethyl butyrate	3879	74758-93-3	
4410	Methylthiomethyl hexanoate	3880	74758-91-1	
4411	Methylthiomethylmercaptan	4185	29414-47-9	
4412	4-(Methylthio)-4-methyl-2-pentanone	3376	23550-40-5	
4413	2-(Methylthiomethyl)-3-phenylpropenal	3717	65887-08-3	alpha-Benzylidenemethional
4414	(Methylthio)methylpyrazine (mixture of isomers)	3208	67952-65-2	2-Methyl-3-, 5-, or 6-methylthiopyrazine, Pyrazine, methyl(methylthio)-
4415	3-(Methylthio)methylthiophene	4184		
4416	4-(Methylthio)-2-oxobutanoic acid	3881	583-92-6	4-(Methylthio)-2-ketobutyric acid
4417	4-(Methylthio)-2-pentanone	4182		
4418	5-(Methylthio)pentyl isothiocyanate	4416	4430-42-6	Berteroin, 1-Isothiocyanato-5-(methylthio)pentane, 5-(Methylthio)pentyl isothiocyante
4419	5-Methylthiophen-2-carbaldehyde			
4420	2-Methylthiophene		554-14-3	
4421	3-Methylthiophene		616-44-4	

Sl.No.	Material Name	FEMA	CAS	Synonyms
4422	5-Methyl-2-thiophenecarboxaldehyde	3209	13679-70-4	5-Methyl-2-thenaldehyde
4423	o-(Methylthio)phenol	3210	1073-29-6	Methyl 2-hydroxyphenyl sulfide, 2-(Methylthio)phenol, Thioguaiacol
4424	3-(Methylthio)propanol	3415	505-10-2	gamma-Hydroxypropyl methyl sulfide, Methionol, Methyl 3-hydroxypropyl sulfide, gamma-(Methylmercapto)propyl alcohol, 3-(Methylthio)propyl alcohol
4425	3-(Methylthio)propanol (natural)	3415		
4426	1-Methylthio-2-propanone	3882	14109-72-9	(Methylthio)acetone, alpha-(Methylthio)acetone, alpha-(Methylthio)propanone, 2-Thia-4-pentanone
4427	3-(Methylthio)propionic acid		646-01-5	
4428	Methylthio 2-(propionyloxy)propionate	3790		S-Methyl 2-propionyloxypropanethioate, Thiomethyl propionylacetate
4429	3-(Methylthio)propyl acetate	3883	16630-55-0	3-Acetoxypropyl methyl sulfide
4430	3-(Methylthio)propylamine	4649	4104-45-4	1-Amino-3-(methylthio)propane, 3-Aminopropyl methyl sulfide, 3-(Methylmercapto)propylamine, 3-(Methylsulfanyl)propylamine, 3-(Methylthio)-1-propanamine
4431	3-(Methylthio)propyl hexanoate	4436		Hexanoic acid, 3-(methylthio)propyl ester, Methionyl hexanoate, 3-(Methylsulfanyl)propyl hexanoate
4432	3-Methylthiopropyl isothiocyanate	3312	505-79-3	3-Methylmercaptopropyl isothiocyanate
4433	3-(Methylthio)propyl mercaptoacetate	4561	852997-30-9	Acetic acid, mercapto-, 3-(methylthio)propyl ester, 3-(Methylsulfanyl)propyl sulfanylacetate
4434	Methyl tiglate		6622-76-0	
4435	12-Methyltridecanal	4005	75853-49-5	
4436	(1-Methyl-2-(1,2,2-trimethylbicyclo[3.1.0]hex-3-ylmethyl)cyclopropyl)methanol	4776	198404-98-7	Cyclopropanemethanol, 1-methyl-2-[(1,2,2-trimethylbicyclo[3.1.0]hex-3-yl)methyl]-
4437	Methyl 2,5,10-trimethyl-2,5,9-cyclododecatrien-1-yl ketone		144020-22-4	Ketone, methyl-2,5,10-trimethyl-2,5,9-cyclododecatrien-1-yl

Sl.No.	Material Name	FEMA	CAS	Synonyms
4438	Methyl-2,6,6-trimethyl-2-cyclohexene-1-carboxylate		28043-10-9	Methyl cyclogeranate
4439	2-Methyl-4-(2,6,6-trimethyl-2-cyclohexenyl)butanal		73398-85-3	
4440	2-Methyl-4-(2,6,6-trimethyl-2(1)-cyclohexen-1-yl)butanal		65405-84-7	alpha-2,2,6-Tetramethylcyclohexenebutanal
4441	2-Methyl-4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2-butenal		3155-71-3	Boronol
4442	2-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-2-butenal		68555-62-4	
4443	3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one		1335-46-2	
4444	2-Methyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)butan-1-ol		72089-08-8	Brahmanol
4445	2-Methyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)but-2-en-1-ol		28219-60-5	Madrol
4446	3-Methyl-5-(2,2,3-trimethyl-3-cyclopenten-1-yl)-4-penten-2-ol		67801-20-1	
4447	3-Methyl-1,2,4-trithiane	3718	43040-01-3	
4448	3-Methyl-1,2,4-trithiolane		51647-38-2	
4449	2-Methylundecanal	2749	110-41-8	Aldehyde C-12 MNA, 2-Methylhendecanal, Methylonylacetaldehyde, MNA
4450	2-Methylundecanal dimethyl acetal		68141-17-3	Aldehyde C-12 MNA diethyl acetal, Methylonylacetaldehyde dimethyl acetal
4451	Methyl undecanoate		1731-86-8	
4452	Methyl 10-undecenoate	4253	111-81-9	
4453	Methyl 10-undecenoate (natural)	4253	111-81-9	
4454	Methyl 9-undecenoate	2750	5760-50-9	Methyl undecylenate
4455	Methyl 2-undecynoate	2751	1322-34-5	Methyl decine carbonate, Methyl decyne carbonate

Sl.No.	Material Name	FEMA	CAS	Synonyms
4456	Methyl valerate	2752	624-24-8	Methyl pentanoate, Methyl valerianate
4457	2-Methylvaleric acid	2754	97-61-0	2-Methylpentanoic acid, Methylpropylacetic acid
4458	Methyl vanillate		3943-74-6	
4459	Methyl vetivate		68698-57-7	
4460	2-Methyl-5-vinylpyrazine	3211		
4461	(+/-)-2-(5-Methyl-5-vinyltetrahydrofuran-2-yl)propionaldehyde	4058		
4462	4-Methyl-5-vinylthiazole	3313	1759-28-0	
4463	3-Methylpentanoic acid (natural)	3437	105-43-1	
4464	Meyer lemon oil, cold pressed, Citrus x meyeri	4770		
4465	Michelia alba oil	3950	92457-18-6	Magnolia extract, Magnolia leaf/flower oil
4466	Mikan oil (Citrus unshiu)	4861		Citrus unshiu oil, Satsuma mandarin oil
4467	Milk thistle extract			
4468	Millet seed extract			
4469	Mimosa absolute (Acacia spp.)	2755	06-03-8031	Acacia decurrens Willd. var. dealbata
4470	Mimosa concrete (Acacia spp.)		06-03-8031	
4471	Mint lactone	3764	13341-72-5	Dehydroxymenthofuro lactone, 3,6-Dimethyl-5,6,7,7a-tetrahydro-2(4H)benzofuranone, 5,6,7,7a-Tetrahydro-3,6-dimethyl-2(4H)benzofuranone
4472	Mint terpenes (Mentha spp.)		68608-35-5	
4473	Mixture of 3,6-diethyl-1,2,4,5-tetrathiane and 3,5-diethyl-1,2,4-trithiolane	4094		
4474	Mixture of butyl propyl disulfide and propyl and butyl disulfide	4577	72437-64-0	
4475	Molasses extract (Saccharum officinarum L.)			
4476	Monk's pepper/chaste tree oil (Vitex agnus castus L.)		91722-47-3	
4477	Mono- and diglycerides of fatty acids	4186		
4478	L-Monomenthyl glutarate	4006	220621-22-7	
4479	Mono-menthyl succinate	3810	77341-67-4	5-Methyl-2-(1-methylethyl)cyclohexyl butanedioate, mono ester

Sl.No.	Material Name	FEMA	CAS	Synonyms
4480	Monosodium glutamate	2756	142-47-2	
4481	Monosodium glutamate (natural)	2756	142-47-2	
4482	Morello cherry concentrate			
4483	Moringa oil			
4484	Mountain maple extract solid (Acer spicatum Lam.)	2757	91770-23-9	
4485	Mountain pepper extract (Tasmania lanceolata)		183815-52-3	
4486	Mountain sage (Artemisia frigida Willd.)			Artemisia frigida
4487	Mountain wormwood (Artemisia vallesiana Lam.)			Artemisia vallesiana
4488	Mullein extract (Verbascum phlomoides)		90064-12-3	
4489	Mullein flowers (Verbascum spp.)		70321-68-5	Verbascum spp.
4490	Muscadine extract			
4491	Muscenone		82356-51-2	3-Methylcyclopentadecenone
4492	Muscomer 6819 P		26160-83-8	Bis(hydroxymethyl)tricyclo[5.2.1.0 ^{2,6}]decane, Dimethylotricyclo[5.2.1.0 ^{2,6}]decane, Hexahydro-4,7-methanoindandimethanol, 4,7-Methano-1H-indene-5,7-dimethanol, octahydro-, TCD alcohol DM
4493	Mushroom extract			
4494	Mushroom oil, distilled	4487		Oils, Agaricus bisporus
4495	Musk ambrette		83-66-9	2,6-Dinitro-3-methoxy-4-butyltoluene, 2,6-Dinitro-3-methoxy-1-methyl-4--butylbenzene, 2,4-Dinitro-3-methyl-6-butylanisole, 4-Methoxy-1,3-dinitro-2-methyl-5-butylbenzene
4496	(E)-12-Musk decenone		111879-80-2	
4497	Musk decenone		34902-57-3	Oxacyclohexadecen-2-one
4498	Musk ketone		81-14-1	4-t-Butyl-3,5-dinitro-2,6-dimethylacetophenone
4499	Musk propanoate		141773-73-1	
4500	Musk tibetine		145-39-1	5-t-Butyl-4,6-dinitro-1,2,3-trimethylbenzene

Sl.No.	Material Name	FEMA	CAS	Synonyms
4501	Musk tonkin absolute (Moschus moschiferus L.)		05-04-8001	
4502	Musk tonquin (Moschus moschiferus L.)	2759	05-04-8001	Moschus moschiferus L.
4503	Musk xylol		81-15-2	5-t-Butyl-2,4,6-trinitro-m-xylene, Musk xylene
4504	Mustard, brown (Brassica spp.)	2760	8007-40-7	Brassica spp., Mustard, black
4505	Mustard extract, brown (Brassica spp.)		8007-40-7	
4506	Mustard extract/oleoresin yellow (Brassica spp.)			
4507	Mustard oil (Brassica spp.)			
4508	Mustard, yellow (Brassica spp.)	2761	8007-40-7	Mustard, white
4509	Muurolene		10208-80-7	
4510	Myraldyl acetate		72403-67-9	4-((4-Methyl-3-pentenyl)-3-cyclohexen-1-yl)methyl acetate
4511	Myrcene	2762	123-35-3	7-Methyl-3-methylene-1,6-octadiene
4512	Myrcene (natural)	2762	123-35-3	beta-Geraniolene
4513	Myrcenol		543-39-5	3-Methylene-7-methyl-1-octen-7-ol
4514	Myrcenyl acetate		1118-39-4	Bergamyl acetate
4515	Myrcenyl methyl ether	4592	24202-00-4	7-Methoxy-7-methyl-3-methylidene-oct-1-ene
4516	Myricitrin	4491	17912-87-7	5,7-Dihydro-4-oxo-2-(3,4,5-trihydroxyphenyl)-4H-chromen-3-yl 6-deoxy-alpha-L-rhamnopyranoside, 3,3',4',5,5',7-Hexahydroxyflavone, 3-rhamnoside, Myricetin 3-o-alpha-L-rhamnopyranoside, Myricetin 3-o-alpha-L-rhamnoside
4517	Myristaldehyde	2763	124-25-4	Aldehyde C-14 (true), Aldehyde C-14 (myristic), Myristic aldehyde, Tetradecanal, Tetradecyl aldehyde
4518	Myristaldehyde (natural)	2763		
4519	Myristic acid	2764	544-63-8	Tetradecanoic acid
4520	Myristic acid (natural)	2764	544-63-8	
4521	Myristyl nitrile		629-63-0	Tetradecanenitrile
4522	Myrrh extract (resinoid) (Commiphora abyssinica)		8016-37-3	

Sl.No.	Material Name	FEMA	CAS	Synonyms
4523	Myrrh gum (Commiphora spp.)	2765	8016-37-3	
4524	Myrrh oil/absolute (Commiphora spp.)	2766	8016-37-3	Heerabol
4525	Myrtanol		514-99-8	
4526	Myrtanyl acetate		29021-36-1	
4527	Myrtenol	3439	515-00-4	6,6-Dimethyl-2-oxymethylbicyclo[1.1.3]hept-2-ene
4528	Myrtenyl acetate	3765	1079-01-2	2-Pinene-10-yl acetate
4529	Myrtenyl 2-methylbutyrate			
4530	Myrtenyl 3-methylbutyrate			
4531	Myrtle leaves (Myrtus communis L.)			
4532	Myrtle oil (Myrtus communis L.)		8008-46-6	
4533	Nagarmotha oil (Cyperus scariosus R. Br.)		91771-62-9	Cypriol oil
4534	Naphthalene		91-20-3	
4535	2-Naphthalenthioi	3314	91-60-1	2-Mercaptonaphthalene, 2-Naphthyl mercaptan, 2-Thionaphthol
4536	beta-Naphthyl anthranilate	2767	63449-68-3	2-Naphthyl o-aminobenzoate, 2-Naphthyl anthranilate
4537	beta-Naphthyl ethyl ether	2768	93-18-5	Bromelia, 2-Ethoxynaphthalene, Ethyl 2-naphthyl ether, Ethyl beta-naphthyl ether, Nerolin bromelin, Nerolin II
4538	beta-Naphthyl isobutyl ether	3719	2173-57-1	Fragarol, 2-Isobutoxynaphthalene, Isobutyl beta-naphthyl ether
4539	beta-Naphthyl methyl ether	4704	93-04-9	2-Methoxynaphthalene, Methyl beta-naphthyl ether, 2-Naphthol methyl ether, 2-Naphthyl methyl ether, Nerolin, Yara yara
4540	1-Naphthyl methyl ketone		941-98-0	alpha-Methyl naphthyl ketone
4541	Narcissus absolute (Narcissus spp.)		68917-12-4	
4542	(+/-)-Naringenin	4797	480-41-1	
4543	Naringin dihydrochalcone	4495		3,5-Dihydroxy-4-(phydroxyhydrocinnamoyl)phenyl 2-o-(6-deoxy-alpha-L-mannopyranosyl)-, beta-D-glucopyranoside, 4'-(2-o-alpha-L-rhamno-beta-Dglucopyranoside)phlorethin
4544	Naringin extract (Citrus paradisi Macf.)	2769	14259-46-2	Citrus paradisi Macf.
4545	Nasturtium absolute			

Sl.No.	Material Name	FEMA	CAS	Synonyms
4546	Nasturtium extract			
4547	Natsumikan oil (Citrus natsudaikai)	4860		Citrus natsudaikai oil
4548	Neem oil (Azadirachta indica)			
4549	Neohesperidin dihydrochalcone	3811	20702-77-6	NDHC, Neohesperidin DHC
4550	Nepetalactone		490-10-8	
4551	Nerol	2770	106-25-2	Allerol, cis-2,6-Dimethyl-2,6-octadien-8-ol, cis-3,7-Dimethyl-2,6-octadien-1-ol, Neraniol, Nerodol, Nerogenol, Nerolol, Nerosol
4552	Neroli bigarade oil (Citrus aurantium L.)	2771	8016-38-4	Citrus aurantium L. neroli bigarade oil, Orange flowers, bitter, oil
4553	Nerolidol	2772	7212-44-4	Melaleucol, Methyl vinyl homogeranyl carbinol, Peruvicol, 3,7,11-Trimethyl-1,6,10-dodecatrien-3-ol
4554	Nerolidol (natural)	2772	7212-44-4	
4555	Nerolidol oxide	4536	1424-83-5	5-Ethenyltetrahydro-alpha-5-dimethyl-alpha-(4-methyl-3-pentenyl)-2-furanmethanol, Tetrahydro-alpha-5-dimethyl-alpha-(4-methyl-3-pentenyl)-5-vinyl-furfuryl alcohol
4556	trans-Nerolidol		40716-66-3	
4557	Nerolidyl acetate		2306-78-7	
4558	Nerolidyl isobutyrate		2639-68-1	
4559	Nerol (natural)	2770	106-25-2	
4560	Nerol oxide	3661	1786-08-9	3,6-Dihydro-4-methyl-2-(2-methylpropen-1-yl)-(2H)pyran
4561	Neryl acetate	2773	141-12-8	cis-3,7-Dimethyl-2,6-octadien-1-yl acetate, cis-3,7-Dimethyl-2,6-octadien-1-yl ethanoate, Neryl ethanoate
4562	Neryl acetate (natural)	2773	141-12-8	
4563	Neryl butyrate	2774	999-40-6	cis-3,7-Dimethyl-2,6-octadien-1-yl butanoate
4564	Neryl butyrate (natural)	2774	999-40-6	
4565	Neryl crotonate			

Sl.No.	Material Name	FEMA	CAS	Synonyms
4566	Neryl formate	2776	2142-94-1	cis-3,7-Dimethyl-2,6-octadien-1-yl formate, cis-3,7-Dimethyl-2,6-octadien-1-yl methanoate, Neryl methanoate
4567	Neryl formate (natural)	2776	2142-94-1	
4568	Neryl isobutyrate	2775	2345-24-6	cis-3,7-Dimethyl-2,6-octadien-1-yl isobutyrate, cis-3,7-Dimethyl-2,6-octadien-1-yl 2-methylpropanoate, Neryl 2-methylpropanoate
4569	Neryl isobutyrate (natural)	2775	2345-24-6	
4570	Neryl isovalerate	2778	3915-83-1	cis-3,7-Dimethyl-2,6-octadien-1-yl isopentanoate, cis-3,7-Dimethyl-2,6-octadien-1-yl isovalerate, cis-3,7-Dimethyl-2,6-octadien-1-yl 3-methylbutanoate, Neryl isovalerianate, Neryl 3-methylbutanoate
4571	Neryl phenylacetate			
4572	Neryl propionate	2777	105-91-9	cis-3,7-Dimethyl-2,6-octadien-1-yl propanoate, cis-3,7-Dimethyl-2,6-octadien-1-yl propionate, Neryl propanoate
4573	Neryl propionate (natural)	2777	105-91-9	
4574	Niaouli oil (Melaleuca viridiflora)		8014-68-4	
4575	Nitrobenzene		98-95-3	
4576	Nitrous oxide	2779	10024-97-2	Dinitrogen monoxide, Factitious air, Hyponitrous acid anhydride, Laughing gas
4577	N-[N-[3-(3-Hydroxy-4-methoxyphenyl)propyl-alpha aspartyl]-1-methyl ester, monohydrate	4716		Advantame
4578	trans,trans-2,4-Nonadien-1-al	3212	5910-87-2	
4579	trans,trans-2,4-Nonadien-1-al (natural)	3212	5910-87-2	
4580	2-trans-6-trans-Nonadienal	3766	17587-33-6	(E,E)-Nona-2,6-dienal
4581	Nona-2-trans-6-cis-dienal (natural)	3377	557-48-2	trans-2, cis-6 Nonadienal
4582	2,6-Nonadienal diethyl acetal	3378	67674-36-6	
4583	1,8-Nonadiene		4900-30-5	
4584	trans-2-trans-4-Nonadiene	4292	56700-78-8	(E,E)-2,4-Nonadiene
4585	Nonadien-1-ol		63450-36-2	
4586	2,4-Nonadien-1-ol	3951	63488-56-6	
4587	2,6-Nonadien-1-ol	2780	7786-44-9	Cucumber alcohol, Nonadienol, Violet leafalcohol

Sl.No.	Material Name	FEMA	CAS	Synonyms
4588	2,6-Nonadien-1-ol (natural)	2780	7786-44-9	
4589	trans-2-cis-6-Nonadien-1-ol		28069-72-9	
4590	(E)-3-(Z)-6-Nonadien-1-ol	3884	56805-23-3	trans-3-cis-6-Nonadienol, 3,6-Nonadien-1-ol BRI
4591	(Z)(Z)-3,6-Nonadien-1-ol	3885	53046-97-2	cis-3, cis-6-Nonadienol
4592	(E,Z)-2,6-Nonadien-1-ol, acetate	3952	68555-65-7	
4593	E,Z-3,6-Nonadien-1-yl acetate		211323-05-6	
4594	(E,Z)-3,6-Nonadien-1-ol, acetate	3953	76649-26-8	
4595	cis,cis-3,6-Nonadienyl acetate	4551	83334-93-4	3,6-Nonadien-1-ol, acetate, (3Z,6Z)-Acetic acid, (Z,Z)-3,6-nonadienyl ester, (Z,Z)-3,6-Nonadienyl acetate
4596	delta-Nonalactone	3356	3301-94-8	5-n-Butyl-5-hydroxypentanoic acid lactone, 5-n-Butyl-delta-valerolactone, 5-Hydroxynonanoic acid lactone, 1,5-Nonanolactone
4597	gamma-Nonalactone	2781	104-61-0	Aldehyde C-18 (so called), gamma-Amylbutyrolactone, 4-n-Amyl-4-hydroxybutyric acid lactone, Coconut aldehyde, Nonanolide-1,4, gamma-Nonyllactone, gamma-Pelargolactone
4598	Nonanal	2782	124-19-6	Aldehyde C-9, n-Nonanal, Nonanoic aldehyde, Nonyl aldehyde, Pelargonaldehyde, Pelargonic aldehyde
4599	Nonanal diethyl acetal		54815-13-3	
4600	Nonanal dimethyl acetal	4367	18824-63-0	1,1-Dimethoxynonane, Pelargonaldehyde dimethyl acetal, Pelargonic aldehyde dimethyl acetal
4601	Nonanal (natural)	2782	124-19-6	
4602	Nonanal propyleneglycol acetal	4373	68391-39-9	2-Octyl-4-methyl-1,3-dioxolane
4603	1,3-Nonanediol acetate (mixed esters)	2783	1322-17-4	Diasmol, Hexylene glycol acetate, 3-Hexyl-1,3-propanediol acetate, mixed esters, Nonanediol acetate, 1,3-Nonanediol 1-acetate, 1,3-Nonanediol 3-acetate, Octylcrotonyl acetate
4604	1,3-Nonanediol diacetate		63270-14-4	
4605	1,4-Nonanediol diacetate	3579	67715-81-5	1,4-Nonadiol diacetate
4606	1,9-Nonanedithiol	3513	3489-28-9	1,9-Dimercaptononane, Nonamethylene dimercaptan
4607	Nonanoic acid	2784	112-05-0	Nonoic acid, Nonylic acid, Pelargonic acid

Sl.No.	Material Name	FEMA	CAS	Synonyms
4608	Nonanoic acid (natural)			
4609	2-Nonanol	3315	628-99-9	Methyl n-heptyl carbinol
4610	2-Nonanol (natural)	3315	628-99-9	
4611	3-Nonanol		624-51-1	
4612	2-Nonanone	2785	821-55-6	Heptyl methyl ketone, Methyl heptyl ketone, Nonan-2-one
4613	2-Nonanone (natural)	2785	821-55-6	
4614	3-Nonanone	3440	925-78-0	Ethyl hexyl ketone
4615	3-Nonanone (natural)	3440	925-78-0	
4616	4-Nonanone		4485-09-0	
4617	2-Nonanone propyleneglycol acetal	4399		
4618	3-Nonanon-1-yl acetate	2786		3-Oxononyl acetate
4619	(+/-)Nonan-3-yl acetate	4007	60826-15-5	
4620	Nona-2-trans-6-cis-dienal	3377	557-48-2	2,6-Nonadienal
4621	2,4,6-Nonatrienal	4187	56269-22-8	
4622	trans-2-Nonenal (natural)	3213	18829-56-6	
4623	trans-4-Nonenal	4302	2277-16-9	(E)-4-Nonenal, (E)-Non-4-enal
4624	cis-6-Nonenal	3580	2277-19-2	
4625	cis-6-Nonen-1-al dimethyl acetal		68555-53-3	
4626	E-6-Nonenal	4825		trans-6-Nonenal
4627	trans-2-Nonenal	3213	18829-56-6	Heptylideneacetaldehyde, 3-Hexylacrolein
4628	Nonene		27215-95-8	
4629	1-Nonene	4651	124-11-8	alpha-Nonene
4630	(E)-2-Nonenoic acid	3954	14812-03-4	
4631	2-Nonenoic acid		3760-11-0	
4632	3-Nonenoic acid		4124-88-3	
4633	2-Nonenoic acid gamma-lactone	4188	21963-26-8	4-Hydroxynon-2-enoic acid gamma lactone
4634	2-Nonen-1-ol		22104-79-6	
4635	cis-2-Nonen-1-ol	3720	41453-56-9	(Z)-2-Nonen-1-ol

Sl.No.	Material Name	FEMA	CAS	Synonyms
4636	cis-3-Nonen-1-ol	4412	10340-23-5	(Z)-3-Nonen-1-ol, cis-3-Nonenol, (3Z)-Nonenol
4637	trans-3-Nonen-1-ol	4605	10339-61-4	(E)-3-Nonen-1-ol
4638	cis-6-Nonen-1-ol	3465	35854-86-5	cis-6-Nonenol
4639	trans-2-Nonen-1-ol	3379	31502-14-4	
4640	2-Nonen-4-one		32064-72-5	
4641	trans-2-Nonen-4-one	4301	27743-70-0	(E)-2-Nonen-4-one
4642	3-Nonen-2-one	3955	14309-57-0	
4643	5-Nonen-trans-2-one	4326	27039-84-5	5-Nonen-(E)-2-one, (E)-5-Nonen-2-one, (E)-Non-5-en-2-one, trans-5-Nonen-2-one, trans-Non-5-en-2-one
4644	8-Nonen-2-one	4408	5009-32-5	
4645	cis-6-Nonenyl acetate	4554	76238-22-7	6-Nonen-1-ol, acetate, (6Z)-, cis-6-Nonen-1-yl acetate, (Z)-6-Nonenyl acetate
4646	cis-3-Nonenyl acetate	4553	13049-88-2	3-Nonen-1-ol, acetate, (3Z)-, (Z)-3-Nonenyl acetate
4647	trans-2-Nonenyl acetate	4552	30418-89-4	2-Nonen-1-ol, 1-acetate (2E)-, (E)-2-Nonenyl acetate
4648	Nonenyl nitrile		29127-83-1	Irisnitrile
4649	Nonyl acetate	2788	143-13-5	Acetate C-9, Nonanol acetate, Nonyl ethanoate
4650	Nonyl acetate (natural)	2788		
4651	Nonyl alcohol	2789	143-08-8	Alcohol C-9, Nonanol, 1-Nonanol, Octyl carbinol, Pelargonic alcohol
4652	Nonyl anthranilate		72724-82-4	
4653	Nonyl n-butylate		2639-64-7	
4654	Nonyl caprylate	2790	7786-48-3	n-Nonyl octanoate, Nonyl octylate
4655	Nonyl formate		94247-15-1	
4656	Nonyl isovalerate	2791	7786-47-2	Nonyl isopentanoate, Nonyl isovalerianate, n-Nonyl 3-methylbutanoate
4657	Nonyl phenylacetate		72109-82-1	
4658	2-Nonylal dimethyl acetal		13257-44-8	

Sl.No.	Material Name	FEMA	CAS	Synonyms
4659	Nootkatone	3166	4674-50-4	5,6-Dimethyl-8-isopropenylbicyclo[4.4.0]dec-1-en-3-one, 4a,5-Dimethyl-1,2,3,4,4a,5,6,7-octahydro-7-keto-3-isopropenyl-naphthalene, 4,4a,5,6,7,8-Hexahydro-6-isopropenyl-4,4a-dimethyl-2(3H)naphthalenone
4660	Nopol		128-50-7	6,6-Dimethylbicyclo[3.1.1]hept-2-en-2-ethanol, 10-Hydroxymethylene-2-pinene
4661	Nopyl acetate		128-51-8	
4662	Nopyl propionate			
4663	Noreenal		899810-84-5	6,8-Dimethyl-7-nonenal, 6,8-Dimethylnon-7-enal
4664	Nutmeg (<i>Myristica fragrans</i> Houtt.)	2792	84082-68-8	<i>Myristica fragrans</i> Houtt.
4665	Nutmeg oil	2793	8008-45-5	<i>Myristica fragrans</i> (Houtt.)
4666	Nutmeg oleoresin (<i>Myristica fragrans</i> Houtt.)		84082-68-8	
4667	Oak chips extract (<i>Quercus alba</i> L.)	2794	68917-11-3	
4668	Oak chips extract (<i>Quercus alba</i> L.) (natural)	2794	68917-11-3	Oak extract
4669	Oakmoss absolute (<i>Evernia</i> spp.)	2795	9000-50-4	<i>Evernia prunastri</i> (L.) Ach
4670	Oakmoss concrete (<i>Evernia prunastri</i> spp)		9000-50-4	
4671	Oak wood, English extract (<i>Quercus robur</i> L.)		71011-28-4	English oakwood CO2 extract, <i>Quercus robur</i>
4672	Oat extract (<i>Avena sativa</i>)		84012-26-0	
4673	Ocimenol		5986-38-9	
4674	Ocimenyl acetate		72214-23-4	2,6-Dimethyl-5,7-octadien-2-yl acetate
4675	8-Ocimenyl acetate	3886		2,6-Dimethyl-2,5,7-octatriene-1-yl acetate, Piperitanate
4676	Ocotea cymbarum oil (<i>Ocotea cymbarum</i>)		68917-09-9	
4677	o-Cresol (natural)	3480	95-48-7	
4678	9,12-Octadecadienoic acid (48%) and 9,12,15-octadecatrienoic acid (52%)	3380	60-33-3	Linoleic and linolenic acids
4679	delta-Octadecalactone	4447	1227-51-6	5-Hydroxyoctadecanoic acid lactone, 5-Octadecanolide, delta-Stearolactone, Tetrahydro-6-tridecyl-2H-pyran-2-one, 6-Tridecyltetrahydro-2H-pyran-2-one
4680	gamma-Octadecalactone	4446	502-26-1	Dihydro-5-tetradecyl-2(3H)-furanone, 4-Hydroxyoctadecanoic acid lactone, 4-Octadecanolide, gamma-Stearolactone, 5-Tetradecyldihydro-3H-furan-2-one
4681	1-Octadecanol		112-92-5	

Sl.No.	Material Name	FEMA	CAS	Synonyms
4682	9-Octadecenal	4059		
4683	cis-9-Octadecenol	4363	143-28-2	
4684	Octadecyl acetate		822-23-1	
4685	trans,trans-2,4-Octadienal	3721	30361-28-5	(E,E)-2,4-Octadienal
4686	trans,trans-2,6-Octadienal	3466	56767-18-1	
4687	2,6-Octadienal, 3,7-dimethyl-, acid-isomerized		90480-35-6	
4688	trans,trans-2,4-Octadienal (natural)	3721	30361-28-5	2,4-Octadienal,(E,E)
4689	1,5-Octadienol-3		83861-74-9	
4690	1,5-Octadien-3-ol	4732		Octa-1,5-dien-3-ol
4691	trans,trans-2,4-Octadien-1-ol	3956	18409-20-6	
4692	1,5-Octadien-3-one	4405	65213-86-7	
4693	(E,E)-3,5-Octadien-2-one	4008	30086-02-3	Octa-3,5-dien-2-one
4694	Octahydrocoumarin	3791	4430-31-3	Bicyclononalactone, Cyclohexyl lactone, Octahydro(2H)l-benzopyran-2-one
4695	1,2,3,4,5,6,7,8-Octahydro-8,8-dimethyl-2-naphthalenecarbonitrile		72928-51-9	
4696	Octahydro-8,8-dimethyl-2-naphthalenecarboxaldehyde		68738-94-3	Aldehyde III
4697	Octahydro-4,7-methano[1H]indenecarboxaldehyde		30772-79-3	Vertral
4698	Octahydro-4,7-methano[1H]inden-5-yl acetate		64001-15-6	Hexahydro-4,7-methanoindane-5-yl acetate
4699	4(Octahydro-4,7-methano[5H]inden-5-ylidene)butanal		30168-23-1	4-Tricyclo(5.2.1.0 decylidene-8) butanal
4700	Octahydro-7-methyl-1,4-methanonaphthalen-6-[2H]-one		41724-19-0	Plicatone
4701	Octahydro-2,3,8,8-tetramethyl-2-acetonaphthone		54464-57-2	2-Acetyl-1,2,3,4,6,7,8-octahydro-2,3,8,8-tetramethyl naphalene, Methyl cyclo myrcetone
4702	1,2,3,4,4a,5,6,7,-Octahydro 2,5,5,-trimethyl-2-naphthalenol		41199-19-3	Ambrinol alpha, Ambrinol S
4703	delta-Octalactone	3214	698-76-0	5-Hydroxyoctanoic acid lactone, 5-Propyl-5-hydroxypentanoic acid lactone, delta-Propyl-delta-valerolactone
4704	gamma-Octalactone	2796	104-50-7	gamma-n-Butyl-gamma-butyrolactone, 4-n-Butyl-4-hydroxybutyric acid lactone, Octanolide-1,4
4705	gamma-Octalactone (natural)	2796	104-50-7	
4706	Octanal	2797	124-13-0	Aldehyde C-8, Capryl aldehyde, Caprylic aldehyde, n-Octanal, Octyl aldehyde

Sl.No.	Material Name	FEMA	CAS	Synonyms
4707	Octanal diethyl acetal		54889-48-4	
4708	Octanal diethyl acetal (natural)			
4709	Octanal dimethyl acetal	2798	10022-28-3	Aldehyde C-8 dimethyl acetal, Capryl aldehyde dimethyl acetal, 1,1-Dimethoxyoctane, Octaldehyde dimethyl acetal, Resedyl acetal
4710	Octanal dioctylacetal		68527-82-2	
4711	Octanal (natural)	2797	124-13-0	
4712	Octanal propyleneglycol acetal	4383	74094-61-4	2-Heptyl-4-methyl-1,3-dioxolane
4713	3,5-Octadienol-1		70664-96-9	
4714	1,3-Octanediol		23433-058	
4715	2,3-Octanedione	4060	23433-05-8	
4716	4,5-Octanedione	4533	5455-24-3	Octane-4,5-dione
4717	1,8-Octanedithiol	3514	1191-62-4	1,8-Dimercaptooctane, Octamethylene dimercaptan
4718	2-Octanol	2801	123-96-6	sec-Capryl alcohol, sec-Caprylic alcohol, Hexyl methyl carbinol, Methyl hexyl carbinol, sec-Octyl alcohol
4719	2-Octanol (natural)	2801	123-96-6	
4720	3-Octanol	3581	589-98-0	Amyl ethyl carbinol, Ethyl n-amyl carbinol
4721	3-Octanol (natural)	3581	589-98-0	
4722	2-Octanone	2802	111-13-7	n-Hexyl methyl ketone, Methyl hexyl ketone
4723	2-Octanone (natural)	2802	111-13-7	
4724	3-Octanone	2803	106-68-3	Amyl ethyl ketone, EAK, Ethyl amyl ketone
4725	3-Octanone (natural)	2803	106-68-3	
4726	Octanonitrile		124-12-9	
4727	3-Octanon-1-ol	2804	65405-68-7	Caproylethanol, Compound 1010, Hexanoylethanol, Ketone alcohol, Methylolmethyl amyl ketone, 3-Oxo-1-octanol
4728	(+/-)Octan-3-yl formate (natural)	4009	84434-65-1	
4729	(+/-)Octan-3-yl formate	4009	84434-65-1	3-Octyl formate
4730	2-Octenal	3215	2363-89-5	
4731	trans-2-Octen-1-al	3215	2548-87-0	

Sl.No.	Material Name	FEMA	CAS	Synonyms
4732	trans-2-Octen-1-al (natural)	3215	2548-87-0	
4733	cis-5-Octenal	3749	41547-22-2	(Z)-5-Octenal
4734	6-Octenal	4787	63826-25-5	
4735	1-Octene	4293	111-66-0	Caprylene, alpha-Octene, Octylene, alpha-Octylene
4736	3-Octenoic acid	4362	1577-19-1	2-Heptene-1-carboxylic acid
4737	trans-4-Octenoic acid	4357	18776-92-6	(E)-4-Octenoic acid
4738	cis-5-Octenoic acid	4350	41653-97-8	(Z)-5-Octenoic acid
4739	trans-2-Octenoic acid	3957	1871-67-6	
4740	1-Octen-3-ol	2805	3391-86-4	Amyl vinyl carbinol, 3-Octenol, Pentyl vinyl carbinol
4741	1-Octen-3-ol (natural)	2805	3391-86-4	
4742	cis-2-Octenol	4615	26001-58-1	cis-2-Octen-1-ol, (Z)-2-Octen-1-ol
4743	cis-3-Octen-1-ol	3467	20125-84-2	cis-3-Octenol
4744	3-Octen-2-ol	3602	76649-14-4	
4745	cis-4-Octenol	4354	54393-36-1	cis-4-Octen-1-ol, (Z)-4-Octen-1-ol, (Z)-4-Octenol
4746	cis-5-Octen-1-ol	3722	64275-73-6	(Z)-5-Octen-1-ol
4747	(E)-2-Octen-1-ol	3887	18409-17-1	trans-2-Octen-1-ol
4748	(E)-2-Octen-4-ol	3888	4798-61-2	Butyl propenyl carbinol, trans-2-Octen-4-ol
4749	(R)-(-)-1-Octen-3-ol	4492	3687-48-7	Matsutake alcohol, (3R)-1-Octen-3-ol
4750	1-Octen-3-one	3515	4312-99-6	Amyl vinyl ketone, Vinyl amyl ketone
4751	1-Octen-3-one (natural)	3515	4312-99-6	
4752	2-Octen-4-one	3603	4643-27-0	Butyl propenyl ketone, Propenyl butyl ketone
4753	2-Octen-4-one (natural)	3603	4643-27-0	
4754	3-Octen-2-one	3416	1669-44-9	
4755	4-Octen-3-one	4328	14129-48-7	Oct-4-en-3-one
4756	1-Octen-3-yl acetate	3582	06-10-2442	3-Acetoxyoctene, Amyl crotonyl acetate, Amyl vinyl carbinol acetate, Amyl vinyl carbinyl acetate, Octenyl acetate, beta-Octenyl acetate, n-Pentyl vinyl carbinol acetate
4757	2-Octen-1-yl acetate	3516	3913-80-2	

Sl.No.	Material Name	FEMA	CAS	Synonyms
4758	trans-2-Octen-1-yl butanoate	3517	84642-60-4	trans-2-Octen-1-yl butyrate
4759	1-Octen-3-yl butyrate	3612	16491-54-6	
4760	(E)-2-(2-Octenyl)cyclopentanone	3889	65737-52-2	2-(2-Octenyl)cyclopentanone
4761	(Z)-5-Octenyl propionate	3890	196109-18-9	(Z)-5-Octen-1-yl propanoate, cis-5-Octen-1-yl propionate, (Z)-5-Octen-1-yl propionate
4762	cis-3-Octenyl propionate	4189	94134-03-9	
4763	Octyl acetate	2806	112-14-1	Acetate C-8, n-Octyl ethanoate
4764	3-Octyl acetate	3583	4864-61-3	n-Amyl ethyl carbonyl acetate, 1-Ethylhexyl acetate
4765	3-Octyl acetate (natural)	3583	4864-61-3	
4766	Octyl acetate (natural)	2806	112-14-1	
4767	Octyl alcohol	2800	111-87-5	Alcohol C-8, Capryl alcohol, Caprylic alcohol, Heptyl carbinol, 1-Octanol
4768	Octyl alcohol (natural)	2800	111-87-5	
4769	Octyl butyrate	2807	110-39-4	Octyl butanoate, n-Octyl butyrate
4770	3-Octyl butyrate	4402	20286-45-7	Butanoic acid, 1-ethylhexyl ester, 1-(Ethylhexyl)butanoate, 3-Octyl butanoate
4771	Octyl butyrate (natural)	2807	110-39-4	
4772	Octyl caprate		2306-92-5	
4773	Octyl caprylate	2811	2306-88-9	Octyl octanoate, Octyl octylate
4774	Octyl cinnamate		69038-78-4	
4775	Octyl crotonate		22874-79-9	
4776	Octyl formate	2809	112-32-3	Octyl methanoate
4777	2-Octylfuran			
4778	Octyl 2-furoate	3518	39251-88-2	Octyl 2-furancarboxylate
4779	Octyl heptanoate	2810	5132-75-2	, Octyl heptylate
4780	Octyl hexanoate		4887-30-3	Octyl caproate
4781	Octyl isobutyrate	2808	109-15-9	Octyl 2-methylpropanoate
4782	Octyl isovalerate	2814	7786-58-5	Octyl isopentanoate, Octyl isovalerianate, Octyl 3-methylbutanoate, Octyl 3-methylbutyrate
4783	Octyl isovalerate (natural)	2814	7786-58-5	
4784	Octyl 2-methylbutyrate	3604	29811-50-5	

Sl.No.	Material Name	FEMA	CAS	Synonyms
4785	Octyl nonanoate		5303-26-4	Octyl nonylate
4786	Octyloxyacetaldehyde		53488-14-5	
4787	Octyl phenylacetate	2812	122-54-2	Octyl alpha-toluate
4788	Octyl propionate	2813	142-60-9	Octyl propanoate
4789	Octyl propionate (natural)	2813	142-60-9	
4790	Octyl salicylate		6969-49-9	
4791	(+/-)-6-Octyltetrahydro-2H-pyran-2-one	4685		6-Octyltetrahydro-2H-pyran-2-one, delta-Octyl-valerolactone, Tetrahydro-6-octyl-2H-pyran-2-one, 5-Tridecanolide, Trideca-1,5-lactone, delta-Tridecalactone, Tridecanoic acid, 5-hydroxy-, delta-lactone
4792	2-Octylthiophene		880-36-4	
4793	1-Octyne			
4794	1-Octyn-3-ol		818-72-4	
4795	Oenanthic ether			
4796	Oleic acid	2815	112-80-1	trans-Elaidic acid, 9-Octadecenoic acid, Oleic acid
4797	Oleic acid (natural)	2815	112-80-1	
4798	Oleyl caproate			
4799	Olibanum absolute (Boswellia spp.)		8016-36-2	
4800	Olibanum extract (resinoid) (Boswellia spp.)		8016-36-2	Frankincense oil
4801	Olibanum (frankincense) oil (Boswellia spp.)	2816	8016-36-2	Boswellia carterii Birdw., Frankincense
4802	Olive absolute/extract (Olea europea L.)		8001-25-0	
4803	Olive concrete (Olea europea)		8001-25-0	
4804	Olive leaf extract		8001-25-0	
4805	Olive oil (Olea europaea)			
4806	Olive oil distillate			
4807	Omithine L monochlorohydrate		3184-13-2	
4808	Onion oil (Allium cepa L.)	2817	8002-72-0	Allium cepa L.
4809	Onion extract/oleoresin (Allium cepa L.)			
4810	Opoponax absolute		8021-36-1	
4811	Opoponax extract resinoid (Commiphora ssp.)		8021-36-1	
4812	Opoponax gum		8021-36-1	

Sl.No.	Material Name	FEMA	CAS	Synonyms
4813	Opoponax oil (Commiphora ssp.)		8021-36-1	
4814	Orange blossoms oil, sweet distilled			
4815	Orange carbonyls (Citrus aurantium L.)			
4816	Orange concentrate (Citrus sinensis (L.) Osbeck)			
4817	Orange juice distillate (Citrus aurantium L.)			
4818	Orange essence oil, oil phase (Citrus aurantium L.)			
4819	Orange essence oil, water phase (Citrus aurantium L.)			
4820	Orange essence water phase (Citrus sinensis (L.) Osbeck)	4866		Orange aroma water phase
4821	Orange extract (Citrus aurantium L.)			
4822	Orange flower absolute (Citrus aurantium L. subsp. amara)	2818	8016-38-4	
4823	Orange flowers (Citrus aurantium L.)	2819	8030-28-2	Citrus aurantium L. orange flowers
4824	Orange flower water absolute (Citrus aurantium L. var amara)		8016-38-4	
4825	Orange juice oil (Citrus sinensis (L.) Osbeck)			
4826	Orange leaf absolute (Citrus aurantium L.)	2820	8016-38-4	
4827	Orange oil, bitter, cold pressed (Citrus aurantium L.)	2823	68916-04-1	Bitter orange oil
4828	Orange oil distilled (Citrus sinensis (L.) Osbeck)	2821	68606-94-0	
4829	Orange oil, folded (Citrus aurantium L.)		8028-48-6	
4830	Orange oil, sweet cold pressed (Citrus sinensis (L.) Osbeck)	2825	8008-57-9	Citrus sinensis L.
4831	Orange oil, terpeneless (Citrus sinensis (L.) Osbeck)	2822	8008-57-9	
4832	Orange peel extract, bitter (Citrus aurantium L.)			
4833	Orange peel oil, sweet, terpeneless (Citrus sinensis (L.) Osbeck)	2826	68606-94-0	
4834	Orange peel, sweet, extract (Citrus sinensis (L.) Osbeck)	2824	8028-48-6	Orange, sweet, ext.
4835	Orange peel, sweet, extract (Citrus sinensis (L.) Osbeck) (natural)	2824	8028-48-6	Orange Extract
4836	Orange terpenes		68647-72-3	

Sl.No.	Material Name	FEMA	CAS	Synonyms
4837	Orange terpenes	4850		Citrus sinensis (L.) Osbeck, terpenes
4838	Orange terpenes (natural)		68647-72-3	
4839	Orange water, bitter (Citrus aurantium L. sp. aurantium)		72968-50-4	
4840	Orange seed oil, bitter cold pressed			
4841	Orbitone		54464-57-2	
4842	Oregano	2827	02-11-8007	Lippia spp., Oregano, Mexican, Oreganum, Organ, Sage, mexican
4843	Oregano oleoresin (Lippia spp.)		84012-24-8	
4844	Origanum oil/extract/oleoresin (Thymus capitatus L. Hoffmanns & Link)	2828	02-11-8007	Origanum, Spanish, Zataria (Origanum) oil
4845	Orin lactone	4449	134359-15-2	(+/-)-4,8-Dimethylnon-7-en-4-olide, 5-Methyl-5-(4-methyl-3-penten-1-yl)dihydrofuran-2(3H)-one, 5-Methyl-5-(4-methyl-3-pentenyl)-4,5-dihydro-2(3H)-furanone
4846	L-Ornithine monochlorohydrate/ornithine	4190	3184-13-2	L-Ornithine hydrochloride
4847	Orris absolute (Iris pallida)		8002-73-1	
4848	Orris concrete/liquid/oil (Iris florentina L.)	2829	8002-73-1	
4849	Orris root extract (Iris florentina L.)	2830	8002-73-1	Iris florentina L., White flag extract
4850	Orris root extract (Iris germanica)			
4851	Osmanthus absolute (Osmanthus fragrans Lour.)	3750	68917-05-5	
4852	O-trans-Coumaric acid	4700	614-60-8	(2E)-3-(2-Hydroxyphenyl)-2-propenoic acid, (2E)-3-(2-Hydroxyphenyl) acrylic acid, (E)-Cinnamic acid, o-hydroxy-, (E)-2-Hydroxycinnamic acid, o-Hydroxycinnamic acid, 2-Propenoic acid, 3-(2-hydroxyphenyl)-
4853	3-Oxabicyclo[10.3.0]pentadecane		42824-62-4	Tetrahydrocyclododeca[c]furan
4854	3-Oxabicyclo[10.3.0]pentadec-6-ene		40785-62-4	
4855	10-Oxahexadecanolide		1725-01-5	
4856	11-Oxahexadecanolide		3391-83-1	
4857	Oxalic acid		144-62-7	Ethanedioic acid
4858	Oxaspirane		57094-40-3	

Sl.No.	Material Name	FEMA	CAS	Synonyms
4859	Decahydro-1,7,7b-tetramethyl-cycloprope (5,6) naphth (1,8a-b)oxirene		68926-75-0	
4860	3-Oxobutanal dimethyl acetal	3381	5436-21-5	Acetylacetaldehyde dimethyl acetal, 4,4-Dimethoxy-2-butanone, 3-Ketobutyraldehyde dimethyl acetal
4861	2-Oxobutyric acid	3723	600-18-0	
4862	5-Oxodecanoic acid	4456	624-01-1	
4863	3-Oxodecanoic acid glyceride	3767	91052-69-6	Glyceryl monoester of 3-oxodecanoic acid
4864	5-Oxododecanoic acid	4458	3637-16-9	5-Oxolauric acid
4865	3-Oxododecanoic acid glyceride	3768	91052-70-9	Glyceryl monoester of 3-oxododecanoic acid
4866	2-Oxo-3-ethyl-4-butanolide	4460	923291-29-6	4-Ethylidihydro-2,3-furandione, 4-Ethylidihydrofuran-2,3-dione
4867	3-Oxohexadecanoic acid glyceride	3769	91052-71-0	Glyceryl monoester of 3-oxohexadecanoic acid
4868	3-Oxohexanoic acid diglyceride	3770	91052-72-1	Glyceryl diester of 3-oxohexanoic acid
4869	5-Oxooctanoic acid	4455	3637-14-7	
4870	3-Oxooctanoic acid glyceride	3771	91052-68-5	Glyceryl monoester of 3-oxooctanoic acid
4871	2-Oxopentanedioic acid	3891	328-50-7	2-Ketoglutaric acid, 2-Oxoglutaric acid
4872	2-Oxo-3-phenylpropionic acid	3892	156-06-9	3-Phenyl-2-oxopropanoic acid, 3-Phenylpyruvic acid
4873	3-(2-Oxopropyl)-2-pentylcyclopentanone		40942-73-2	Magnolione, Pentylcyclopentanonepropanone
4874	3-Oxotetradecanoic acid glyceride	3772	91052-73-2	Glyceryl monoester of 3-oxotetradecanoic acid
4875	2-Oxothiolane	4570	1003-10-7	4-Butyrolactone, Dihydro-2(3H)-thiophenone, Thiacyclopentan-2-one, Thiolan-2-one
4876	2,2'-Oxy-bis-propane		108-20-3	
4877	Palmaria palmata extract		223751-74-4	Red seaweed extract
4878	Palmarosa oil (Cymbopogon martini (Roxb.)	2831	8014-19-5	Cymbopogon martinii Roxb.
4879	Palmitic acid	2832	57-10-3	Cetylic acid, Hexadecanoic acid, Hexadecylic acid
4880	Palmitic acid (natural)	2832	57-10-3	
4881	Palmitoylated green tea extract catechins	4812	1448315-04-5	
4882	Pansy (Viola tricolor L.)			Viola tricolor
4883	Papain		9001-73-4	
4884	Papaya concentrate			

Sl.No.	Material Name	FEMA	CAS	Synonyms
4885	Papaya seed oil			
4886	Paprika (<i>Capsicum annuum</i> L.)	2833	84625-29-6	<i>Capsicum annuum</i> L.
4887	Paprika oleoresin (<i>Capsicum annuum</i> L.)	2834	84625-29-6	
4888	Paraffin wax	3216	8002-74-2	Paraffin, Petroleum wax
4889	Paraldehyde	4010	123-63-7	2,4,6-Trimethyl; paraacetaldehyde, S-Trimethyltrioxymethylene, S-Trioxane
4890	Parsley (<i>Petroselinum</i> spp.)	2835	84012-68-8	<i>Petroselinum</i> spp.
4891	Parsley leaf oil (<i>Petroselinum crispum</i> Mill.)	2836	8000-68-8	
4892	Parsley oleoresin (<i>Petroselinum</i> spp.)	2837	8000-68-8	
4893	Parsley seed extract (<i>Petroselinum</i> spp.)		8000-68-8	
4894	Parsley seed CO2 extract (<i>Petroselinum</i> spp.)		8000-68-8	
4895	Parsley seed oil (<i>Petroselinum sativum</i> , <i>Umbelliferae</i>)		8000-68-8	
4896	Parsley seed oil (<i>Petroselinum crispum</i> . Mill)		8000-68-8	
4897	Parsley seed oleoresin (<i>Petroselinum</i> spp.)		8000-68-8	
4898	Parsnip oil			
4899	Passionflower (<i>Passiflora incarnata</i> L.)			
4900	Passionfruit distillate			
4901	Passionfruit essence oil			
4902	Passionfruit extract			
4903	Passionfruit juice			
4904	Passion seed oil			
4905	Patchenyl acetate		58437-69-7	
4906	Patchouli absolute (<i>Pogostemon</i> spp)		03-09-8014	
4907	Patchouli oil (<i>Pogostemon</i> spp.)	2838	03-09-8014	
4908	Patchouli oil, iron-free		03-09-8014	
4909	Patchoulol		5486-55-0	Patchouli alcohol
4910	Papaya extract			
4911	p-Cresol (natural)	2337	106-44-5	
4912	Peach concentrate (<i>Prunus persica</i>)			
4913	Peach distillate (<i>Prunus persica</i>)			

Sl.No.	Material Name	FEMA	CAS	Synonyms
4914	Peach essence (<i>Prunus persica</i>)			
4915	Peach essence concentrate			
4916	Peach extract (<i>Prunus persica</i>)			
4917	Peach juice (<i>Prunus persica</i>)			
4918	Peach kernel extract (<i>Prunus persica</i> Sieb et Zucc.)			
4919	Peach leaves extract (<i>Prunus persica</i> (L.) Batsch)			
4920	Peach tree leaf absolute (<i>Prunus persica</i> (L.) Batsch)		84012-34-0	
4921	Peanut extract (<i>Arachis hypogaea</i> L.)		07-03-8002	
4922	Peanut stearine (<i>Arachis hypogaea</i> L.)			<i>Arachis hypogaea</i>
4923	Pear concentrate			
4924	Pear essence			
4925	Pear extract		90082-43-2	Pear CO2 extract
4926	Pear juice			
4927	Pecan shell flour	4385		
4928	Pectin		9000-69-5	
4929	Pellitory of Germany (<i>Anacyclus officinarum</i> Hayne)			<i>Anacyclus officinarum</i>
4930	Pennyroyal oil (<i>Mentha pulegium</i> L.)	2839	8013-99-8	Hedeona, oil
4931	omega-Pentadecalactone	2840	106-02-5	Cyclopentadecanolide, Exaltex, Muscolactone, Pentadecanolide
4932	Pentadeca-1,14-lactone			
4933	Pentadecanoic acid	4334	1002-84-2	n-Pentadecanoic acid, n-Pentadecoic acid, Pentadecylic acid
4934	1-Pentadecanol		629-76-5	
4935	2-Pentadecanone (natural)	3724	2345-28-0	
4936	2-Pentadecanone	3724	2345-28-0	Methyl tridecyl ketone, 2-Oxopentadecane
4937	Pentadeca-3,6,9-trienal			
4938	2,4-Pentadienal	3217	764-40-9	
4939	Penta-1,5-lactone		542-28-9	
4940	1,1,3,3,5-Pentamethyl-4,6-dinitroindane		116-66-5	

Sl.No.	Material Name	FEMA	CAS	Synonyms
4941	Pentanal diethyl acetal		3658-79-5	Valeraldehyde, diethyl acetal
4942	Pentanal dimethyl acetal		26540-58-8	
4943	Pentanal di(2-methylpropyl) acetal		26450-58-8	
4944	1,5-Pentanedial		111-30-8	Glutaraldehyde, Glutaric dialdehyde
4945	Pentanedioic acid		110-94-1	Glutaric acid
4946	1,5-Pentanediol acetate			
4947	2,4-Pentanedione		123-54-6	
4948	1,5-Pentanedithiol		928-98-3	
4949	1-Pentanethiol	4333	110-66-7	Amyl mercaptan, Pentyl mercaptan
4950	2-Pentanethiol	3792	2084-19-7	sec-Amylmercaptan, 2-Mercaptopentane, 1-Methylbutanethiol
4951	2-Pentanol	3316	6032-29-7	sec-Amyl alcohol, alpha-Methylbutanol, Methyl n-propyl carbinol, Propyl methyl carbinol
4952	3-Pentanol		584-02-1	
4953	2-Pentanone	2842	107-87-9	Ethylacetone, Methyl propyl ketone, Propyl methyl ketone
4954	2-Pentanone (natural)	2842	107-87-9	
4955	3-Pentanone		96-22-0	Diethyl ketone
4956	2-Pentanoylfuran	4192	3194-17-0	
4957	2-Pentanoylthiophene		53119-25-8	
4958	2-Pentenal	3218	764-39-6	3-Ethylacrolein
4959	4-Pentenal	4262	2100-17-6	Pent-4-en-1-al
4960	2-Pentenoic acid	4193	13991-37-2	
4961	4-Pentenoic acid	2843	591-80-0	Allylacetic acid
4962	1-Penten-3-ol	3584	616-25-1	Ethyl vinyl carbinol, Vinyl ethyl carbinol
4963	1-Penten-3-ol (natural)	3584	616-25-1	
4964	2-Penten-1-ol		20273-24-9	
4965	cis-2-Pentenol	4305	20273-24-9	cis-2-Penten-1-ol, (Z)-2-Penten-1-ol, (Z)-2-Pentenol
4966	trans-3-Pentenol-1		764-37-4	
4967	4-Pentenol-1		821-09-0	
4968	cis-2-Penten-1-ol nature identical		1576-95-0	

Sl.No.	Material Name	FEMA	CAS	Synonyms
4969	3-Penten-2-one	3417	625-33-2	
4970	4-Pentenophenone		3240-29-7	
4971	4-Pentenyl acetate	4011	1576-85-8	
4972	Pentenylcyclopentanone		2520-60-7	
4973	2-(trans-2-Pentenyl)cyclopentanone	4284	51608-18-5	Jasminone, (E)-2-(Pent-2-enyl)cyclopentan-1-one
4974	Pent-2-enyl hexanoate	4191		
4975	2-Pentenyl hexanoate		74298-89-8	
4976	4-Pentenyl isothiocyanate	4427	18060-79-2	5-Isothiocyantopent-1-ene
4977	5-(2-Pentenyl)pentanolide-5,1		34686-71-0	
4978	2-Pentenyl-4-propyl-1,3-oxathiane (Mixture of isomers)	4526	876748-60-6	2-(Pent-2-enyl)-4-propyl-[1,3]-oxathiane
4979	2-Pentyl acetate	4012	626-38-0	
4980	Pentylamine	4242	110-58-7	
4981	2-Pentyl-1-buten-3-one	3725	63759-55-7	3-Methylene-2-octanone
4982	2-Pentyl butyrate	3893	60415-61-4	2-Pentyl butanoate
4983	Pentyl cinnamate		3487-99-8	Amyl cinnamate
4984	2-t-Pentylcyclohexyl acetate			
4985	2-Pentylcyclopentanone		4819-67-4	Delphone
4986	2-Pentyl-2-cyclopenten-1-one		25564-22-1	Amylcyclopentenone
4987	2-Pentylfuran	3317	3777-69-3	2-Amylfuran
4988	2-Pentylfuran (natural)	3317	3777-69-3	
4989	5-Pentyl-3H-furan-2-one	4323	51352-68-2	5-Amyl-3H-furan-2-one, 4-Hydroxy-3-nonenic acid lactone, 5-(1-Pentyl)-3H-furan-2-one
4990	Pentyl 2-furyl ketone	3418	14360-50-0	2-Furyl pentyl ketone, 2-Hexanoylfuran
4991	Pentyl hexadecanoate		31148-31-9	
4992	2-Pentylidene cyclohexanone		25677-40-1	
4993	Pentyl isobutyrate		2445-72-9	Amyl isobutyrate, Pentyl 2- methylpropionate
4994	cis-Pentyl 2-methyl-2-butenate		7785-63-9	
4995	2-Pentyl 2-methylpentanoate	4401		2-Methylpentanoic acid, 2-pentyl ester
4996	(+/-)-cis- and trans-2-Pentyl-4-propyl-1,3-oxathiane	4499	59323-81-8	
4997	2-Pentylpyridine	3383	2294-76-0	2-Amylpyridine
4998	3-Pentylpyridine		1802-20-6	
4999	3-Pentyltetrahydro[2H]pyranyl acetate		18871-14-2	Dragojasimia, Jasmophyll
5000	2-Pentylthiazole	4641	37645-62-8	2-n-Amylthiazole

Sl.No.	Material Name	FEMA	CAS	Synonyms
5001	2-Pentylthiophene	4387	4861-58-9	2-n-Pentylthiophene
5002	2-Pentyl-4,4,6-trimethyl-1,3-dioxane isomers		63449--89-8	
5003	Pentyl valerate		2173-56-0	Amyl valerate, Pentyl pentanoate
5004	3-Pentyn-1-ol		10229-10-4	
5005	Pepper absolute, black		8006-82-4	
5006	Pepper, black (Piper nigrum L.)	2844	84929-41-9	Piper nigrum L.
5007	Pepper, green bell (Capsicum frutescens L. or Capsicum annuum)		84603-55-4	Capsicum (Capsicum frutescens)
5008	Pepper habanero distillate			
5009	Peppermint absolute (Mentha piperita)		8006-90-4	
5010	Peppermint extract			
5011	Peppermint leaves (Mentha piperita L.)	2847	84082-70-2	
5012	Peppermint oil (Mentha piperita)	2848	8006-90-4	Mentha piperita L.
5013	Peppermint oil, dementholized (Mentha piperita L.)			
5014	Peppermint oleoresin/extract (Mentha piperita L.)		84082-70-2	
5015	Peppermint water (Mentha piperita)		98306-02-6	
5016	Pepper oil/disstillate, black (Piper nigrum L.)	2845	8006-82-4	
5017	Pepper oil, white (Piper nigrum L.)	2851	8006-82-4	
5018	Pepper oleoresin/extract, black (Piper nigrum L.)	2846	84929-41-9	
5019	Pepper oleoresin, white (Piper nigrum L.)	2852	84929-41-9	
5020	Pepper, red (Capsicum frutescens L., C. annuum L.)	2849	85940-30-3	Capsicum frutescens L.
5021	Pepper, red distillate			
5022	Pepper, white (Piper nigrum L.)	2850	984929-41-9	
5023	Perillaldehyde propyleneglycol acetal	4530	121199-28-8	4-Methyl-2-[4-(1-methylethenyl)-1-cyclohexen-1-yl]-1,3-dioxolane
5024	Perilla oil	4013	68132-21-8	
5025	Petitgrain Paraguay oil (Citrus aurantium L.)		8016-38-4	
5026	Petitgrain bigarade absolute (Citrus aurantium L.)		8014-17-3	
5027	Petitgrain bigarade oil			
5028	Petitgrain citronier oil		8048-51-9	
5029	Petitgrain concrete (Citrus aurantium L.)		8014-17-3	

Sl.No.	Material Name	FEMA	CAS	Synonyms
5030	Petitgrain lemon oil (Citrus limon (L.) Burm. f.)	2853	8008-56-8	Citrus limon (L.) Burm F.
5031	Petitgrain mandarin oil (Citrus reticulata Blanco var. mandarin)	2854	8014-17-3	Citrus reticulata blanco var. mandarin
5032	Petitgrain oil terpeneless	4853		Citrus aurantium L. oil terpeneless
5033	Petitgrain Paraguay oil terpeneless (Citrus aurantium L.)		8014-17-3	
5034	Petitgrain terpeneless low allergen bigarade oil (Citrus aurantium L.)	2855	8014-17-3	Citrus aurantium L. petitgrain
5035	alpha-Phellandrene	2856	99-83-2	Dihydro-p-cymene, 4-Isopropyl-1-methyl-1,5-cyclohexadiene, 5-Isopropyl-2-methyl-1,3-cyclohexadiene, p-Mentha-1,5-diene, 1-Methyl-4-isopropyl-1,5-cyclohexadiene, 2-Methyl-5-isopropyl-1,3-cyclohexadiene
5036	alpha-Phellandrene (natural)	2856	99-83-2	
5037	beta-Phellandrene		555-10-2	
5038	L-alpha-Phellandrene		4221-98-1	
5039	Phenethyl acetate	2857	103-45-7	Benzyl carbinyl acetate, 2-Phenylethyl acetate, Phenylethyl acetate
5040	Phenethyl acetate (natural)	2857	103-45-7	
5041	Phenethyl alcohol	2858	60-12-8	Benzyl carbinol, Benzylmethanol, Mellol, PEA, 2-Phenylethanol, 2-Phenylethyl alcohol, beta-Phenylethyl alcohol
5042	Phenethyl alcohol (natural)	2858	60-12-8	
5043	Phenethylamine	3220	64-04-0	beta-Aminoethylbenzene, 1-Amino-2-phenylethane, 2-Phenylethylamine
5044	beta-Phenethyl angelate		61692-79-3	
5045	Phenethyl anthranilate	2859	133-18-6	beta-Phenethyl o-aminobenzoate, 2-Phenylethyl anthranilate
5046	Phenethyl benzoate	2860	94-47-3	Benzyl carbinyl benzoate, 2-Phenylethyl benzoate
5047	Phenethyl 2-butenate		64181-20-0	
5048	Phenethyl butyrate	2861	103-52-6	Benzyl carbinyl butyrate, 2-Phenylethyl butanoate, 2-Phenylethyl butyrate
5049	Phenethyl butyrate (natural)	2861	103-52-6	
5050	Phenethyl cinnamate	2863	103-53-7	Benzyl carbinyl cinnamate, Benzyl carbinyl 3-phenylpropenoate, beta-Phenethyl beta-phenylacrylate, 2-Phenylethyl cinnamate, 2-Phenylethyl 3-phenylpropenoate

Sl.No.	Material Name	FEMA	CAS	Synonyms
5051	Phenethyl trans-crotonate		68141-20-8	
5052	Phenethyl decanoate	4314	61810-55-7	beta-Phenylethyl caprate
5053	Phenethyl formate	2864	104-62-1	Benzyl carbonyl formate, Benzyl carbonyl methanoate, 2-Phenylethyl formate, Phenylethyl formate, 2-Phenylethyl methanoate
5054	Phenethyl formate (natural)	2864	104-62-1	
5055	Phenethyl 2-furoate	2865	7149-32-8	2-Phenylethyl 2-furoate
5056	Phenethyl heptanoate		05-11-5454	
5057	Phenethyl hexanoate	3221	6290-37-5	Benzyl carbonyl caproate, Benzyl carbonyl hexanoate, 2-Phenylethyl caproate, 2-Phenylethyl hexanoate
5058	Phenethyl hexanoate (natural)	3221	6290-37-5	
5059	Phenethyl 2-hydroxypropionate		10138-63-3	
5060	Phenethyl isothiocyanate	4014	02-09-2257	
5061	Phenethyl isobutyrate	2862	103-48-0	Benzyl carbonyl isobutyrate, Benzyl carbonyl 2-methylpropanoate, Phenethyl 2-methylpropanoate, 2-Phenylethyl isobutyrate, Phenylethyl isobutyrate
5062	Phenethyl isobutyrate (natural)	2862	103-48-0	Phenylethyl isobutyrate (natural)
5063	Phenethyl isovalerate	2871	140-26-1	Benzyl carbonyl isopentanoate, Benzyl carbonyl 3-methylbutanoate, Phenethyl isovalerianate, Phenethyl 3-methylbutyrate, 2-Phenylethyl isovalerate, Phenylethyl isovalerate, 2-Phenylethyl 3-methylbutanoate
5064	Phenethyl isovalerate (natural)	2871	140-26-1	Phenylethyl isovalerate
5065	Phenethyl 2-methylbutyrate	3632	24817-51-4	Benzyl carbonyl 2-methylbutyrate, beta-Phenethyl alpha-methylbutanoate, 2-Phenylethyl 2-methylbutanoate
5066	Phenethyl 2-methylbutyrate (natural)	3632	24817-51-4	
5067	Phenethyl octanoate	3222	5457-70-5	Benzyl carbonyl octanoate, 2-Phenylethyl caprylate
5068	Phenethyl octanoate (natural)	3222	5457-70-5	
5069	Phenethyl phenylacetate	2866	102-20-5	Benzyl carbonyl phenylacetate, Benzyl carbonyl alpha-toluate, 2-Phenylethyl phenylacetate, 2-Phenylethyl alpha-toluate

Sl.No.	Material Name	FEMA	CAS	Synonyms
5070	Phenethyl pivalate		67662-96-8	
5071	Phenethyl propionate	2867	122-70-3	Benzyl carbonyl propionate, 2-Phenylethyl propanoate, 2-Phenylethyl propionate, Phenylethyl propionate
5072	Phenethyl propionate (natural)	2867	122-70-3	
5073	Phenethyl salicylate	2868	87-22-9	Benzyl carbonyl 2-hydroxybenzoate, Benzyl carbonyl salicylate, 2-Phenylethyl 2-hydroxybenzoate, 2-Phenylethyl salicylate
5074	Phenethyl senecioate	2869	42078-65-9	Phenethyl 3,3-dimethylacrylate, 2-Phenylethyl 3-methyl-2-butenate, 2-Phenylethyl 3-methylcrotonate, 2-Phenylethyl senecioate
5075	Phenethyl tiglate	2870	55719-85-2	Benzyl carbonyl tiglate, 2-Phenylethyl tiglate, 2-Phenylethyl trans-2-methyl-2-butenate, 2-Phenylethyl trans-2,3-dimethylacrylate
5076	2-Phenethyl valerate		7460-74-4	2-Phenylethyl pentanoate
5077	Phenol	3223	108-95-2	Carbolic acid, Hydroxybenzene
5078	Phenol (natural)	3223	108-95-2	
5079	Phenoxyacetaldehyde		2120-70-9	
5080	Phenoxyacetic acid	2872	122-59-8	Glycolic acid, phenyl ether, Phenoxyethanoic acid, O-Phenylglycolic acid, POA
5081	Phenoxyethanol	4620	122-99-6	Ethylene glycol monophenyl ether, 1-Hydroxy-2-phenoxyethane, beta-Phenoxyethanol
5082	beta-Phenoxyethyl acetate		6192-44-5	
5083	2-Phenoxyethyl butyrate		23511-70-8	
5084	2-Phenoxyethyl formate		58214-97-4	
5085	2-Phenoxyethyl 2-(4-hydroxy-3-methoxyphenyl)acetate	4871		
5086	2-Phenoxyethyl isobutyrate	2873	103-60-6	Phenirat, 2-Phenoxyethyl 2-methylpropanoate, Phenylcellosolve isobutyrate
5087	Phenoxyethyl isovalerate			
5088	2-Phenoxyethyl propionate	4618	23495-12-7	2-Phenoxyethyl propanoate, Phenoxyethyl propionate
5089	Phenylacetaldehyde	2874	122-78-1	Hyacinthin, 1-Oxo-2-phenylethane, PAA, Phenylacetic aldehyde, alpha-Tolualdehyde, alpha-Toluic aldehyde

Sl.No.	Material Name	FEMA	CAS	Synonyms
5090	Phenylacetaldehyde dibenzyl acetal		65416--19-5	
5091	Phenylacetaldehyde 2,3-butylene glycol acetal	2875	04-06-5468	2-Benzyl-4,5-dimethyl-1,3-dioxolane, 4,5-Dimethyl-2-benzyl-1,3-dioxolane
5092	Phenylacetaldehyde diethyl acetal	4625	6314-97-2	Benzeneacetaldehyde, diethyl acetal, (2,2-Diethoxyethyl)benzene, 1,1-Diethoxy-2-phenylethane
5093	Phenylacetaldehyde digeranyl acetal		67634-02-0	
5094	Phenylacetaldehyde 2,4-dihydroxy-2-methylpentane acetal		67633-94-7	Reseda body, Reseda tone, 4,4,6-Trimethyl-2-benzyl-1,3-dioxane
5095	Phenylacetaldehyde diisobutyl acetal	3384	68345-22-2	1,1-Diisobutoxy-2-phenylethane
5096	Phenylacetaldehyde dimethyl acetal	2876	101-48-4	1,1-Dimethoxy-2-phenylethane, PADMA, Rosal, alpha-Tolyl aldehyde, dimethyl acetal, Vertodor
5097	Phenylacetaldehyde ethyleneglycol acetal		101-49-5	
5098	Phenylacetaldehyde glyceryl acetal	2877	29895-73-6	5-Hydroxy-2-benzyl-1,3-dioxane, 5-Hydroxymethyl-2-benzyl-1,3-dioxolane
5099	Phenylacetaldehyde (natural)	2874	122-78-1	
5100	Phenylacetaldehyde propyleneglycol acetal	4629	03-05-5468	2-Benzyl-4-methyl-1,3-dioxolane, 4-Methyl-2-(phenylmethyl)-1,3-dioxolane
5101	Phenyl acetate	3958	122-79-2	Acetoxybenzene, Phenol acetate
5102	Phenylacetic acid	2878	103-82-2	Benzylcarboxylic acid, alpha-Toluic acid
5103	Phenylacetic acid (natural)	2878	103-82-2	
5104	Phenylacetonitrile		140-29-4	Benzyl nitrile
5105	d,l-Phenylalanine	3726	150-30-1	alpha-Aminohydrocinnamic acid (nature identical), alpha-Amino-beta-phenylpropionic acid
5106	l-Phenylalanine	3585	63-91-2	alpha-Aminohydrocinnamic acid, 2-Amino-3-phenylpropionic acid, alpha-Amino-beta-phenylpropionic acid, beta-Phenylalanine, 3-Phenyl-2-aminopropanoic acid
5107	l-Phenylalanine (natural)	3585	63-91-2	
5108	2-Phenylbenzimidazole-5-sulfonic acid		27503-81-7	Neo Heliopan Hydro (Symrise)
5109	Phenyl benzoate		93-99-2	
5110	3-Phenylbutanal		16251-77-7	3-Phenyl butanal, 3-Phenyl butyraldehyde
5111	1-Phenyl-1,3-butanedione		93-91-4	
5112	4-Phenylbutane-2-one		2550-26-7	Benzylacetone

Sl.No.	Material Name	FEMA	CAS	Synonyms
5113	1-Phenylbutan-2-ol		701-70-2	
5114	4-Phenylbutan-1-ol		3360-41-6	
5115	4-Phenyl-2-butanol	2879	2344-70-9	Methyl 2-phenylethyl carbinol, Phenylethyl methyl carbinol
5116	2-Phenyl-2-butenal	3224	4411-89-6	2-Phenylcrotonaldehyde
5117	4-Phenyl-3-buten-2-ol	2880	17488-65-2	Homocinnamyl alcohol, Methyl styryl carbinol
5118	3-Phenyl-3-buten-1-yl acetate		09-12-7306	
5119	4-Phenyl-2-butyl acetate	2882	10415-88-0	Phenylethyl methyl carbonyl acetate
5120	Phenyl butyrate	4621	4346-18-3	Butanoic acid, phenyl ester, Butyric acid, phenyl ester, Phenyl butanoate
5121	2-Phenyl-3-carbethoxyfuran	3468	50626-02-3	Ethyl 2-phenyl-3-furoate
5122	Phenyl disulfide	3225	882-33-7	Biphenyl disulfide, Diphenyl disulfide, Phenylidithiobenzene
5123	2-Phenylethoxyacetaldehyde		41847-88-5	
5124	Phenylethyl n-butyl ether		5331-14-6	
5125	Phenylethyl cyclohexyl ether		80858-47-5	
5126	Phenylethyl dimethyl carbonyl acetate		103-07-1	
5127	2-Phenylethyl heptanoate		05-11-5454	
5128	Phenylethyl isoamyl ether	4635	56011-02-0	[2-(3-Methylbutoxy)ethyl] benzene, Phenethyl isoamyl ether, 2-Phenylethyl isoamyl ether
5129	Phenylethyl isopropyl ether		68039-47-4	
5130	Phenylethyl isothiocyanate	4014	02-09-2257	Benzene, (2-isothiocyanatoethyl)-, beta-Phenethyl isothiocyanate, beta-Phenylethyl isothiocyanate, Isothiocyanic acid, phenethyl ester, 2-Phenethyl isothiocyanate, Phenethyl mustard oil, Phenylethyl mustard oil
5131	Phenylethyl lactate		10138-63-3	
5132	(+/-)-1-Phenylethylmercaptan	4061		
5133	Phenylethyl mercaptan	3894	4410-99-5	2-Phenylethanethiol, 2-Phenylethyl mercaptan, 2-Phenylethylthiol
5134	2-Phenylethyl methacrylate		03-12-3683	
5135	Phenyl ethyl methyl ether		3558-60-9	

Sl.No.	Material Name	FEMA	CAS	Synonyms
5136	Phenylethyl methyl ethyl carbiny acetate		72007-81-9	
5137	2-Phenyl-3-(2-furyl)prop-2-enal	3586	57568-60-2	2-Furfurylidenebenzaldehyde
5138	5-Phenylhex-4-en-2-one		35151-11-2	
5139	1-Phenyl-3-methyl-2-butanol		705-58-8	
5140	5-Phenyl-5-methylhexan-3-one		4927-36-0	
5141	(+/-)-2-Phenyl-4-methyl-2-hexenal	4194		
5142	1-Phenyl-3-methyl-3-pentanol	2883	10415-87-9	3-Methyl-1-phenyl-3-pentanol, PEMEC, Phenylethyl methyl ethyl carbinol
5143	5-Phenyl-3-methyl-2-pentenitrile		93893-89-1	Citronitril
5144	5-Phenylpentanol	3618	10521-91-2	Phenylamyl alcohol
5145	2-Phenyl-2-pentenal		6191-63-2	
5146	2-Phenyl-4-pentenal	3519	3491-63-2	
5147	3-Phenyl-4-pentenal	3318	939-21-9	3-Phenyl-3-vinylpropionaldehyde, beta-Vinylhydrocinnamaldehyde
5148	2-Phenylphenol	3959	90-43-7	2-Biphenylol, o-Hydroxybiphenyl
5149	o-Phenylphenyl acetate		3271-80-5	
5150	2-Phenylpropanal propyleneglycol acetal	4595	67634-23-5	Hydratropaldehyde propylene glycol acetal, 4-Methyl-2-(alpha-methylbenzyl)-1,3-dioxolane, 4-Methyl-2-(1-phenylethyl)-1,3-dioxolane, 4-Methyl-2-(phenylethyl)-1,3-dioxolane, 2-Phenylpropionaldehyde propylene glycol acetal
5151	1-Phenyl-1,2-propanedione	3226	579-07-7	Acetylbenzoyl, Methyl phenyl diketone, Methyl phenyl glyoxal, Phenyl methyl diketone
5152	1-Phenyl-1-propanol	2884	93-54-9	alpha-Ethylbenzyl alcohol, Ethyl phenyl carbinol, alpha-Hydroxypropylbenzene, Phenyl ethyl carbinol, 1-Phenylpropyl alcohol
5153	1-Phenyl-2-propanol		14898-87-4	
5154	2-Phenyl-2-propanol		617-94-7	Dimethylphenylcarbinol
5155	3-Phenyl-1-propanol	2885	122-97-4	Benzylethyl alcohol, Dihydrocinnamyl alcohol, Hydrocinnamyl alcohol, Phenylpropyl alcohol
5156	3-Phenyl-1-propanol (natural)	2885	122-97-4	

Sl.No.	Material Name	FEMA	CAS	Synonyms
5157	1-Phenyl-2-propanone		103-79-7	
5158	2-Phenyl-1-propene-1-yl acetate		37973-51-6	
5159	3-Phenylpropionaldehyde	2887	104-53-0	Benzylacetaldehyde, Hydrocinnamaldehyde, 3-Phenylpropanal, Phenylpropyl aldehyde
5160	2-Phenylpropionaldehyde ethylene glycol acetal		4362-22-5	
5161	2-Phenylpropionic acid		492-37-5	
5162	3-Phenylpropionic acid	2889	501-52-0	Benzylacetic acid, Dihydrocinnamic acid, Hydrocinnamic acid, beta-Phenylpropionic acid
5163	2-Phenylpropyl acetate		10402-52-5	Hydrotropyl acetate
5164	3-Phenylpropyl acetate	2890	122-72-5	Hydrocinnamyl acetate, beta-Phenylpropyl acetate, Phenylpropyl acetate
5165	3-Phenylpropyl acetate (natural)	2890	122-72-5	
5166	3-Phenylpropyl benzoate		60045-26-3	
5167	2-Phenylpropyl butyrate	2891	80866-83-7	Hydratropyl butyrate, beta-Methylphenethyl butyrate
5168	3-Phenylpropyl butyrate		7402-29-1	
5169	3-Phenylpropyl cinnamate	2894	122-68-9	Hydrocinnamyl cinnamate, Hydrocinnamyl 3-phenylpropenoate, beta-Phenylpropyl cinnamate, 3-Phenylpropyl beta-phenylacrylate, 3-Phenylpropyl 3-phenylpropenoate
5170	3-Phenylpropyl crotonate		68922-07-6	
5171	3-Phenylpropyl formate	2895	104-64-3	Hydrocinnamyl formate, Hydrocinnamyl methanoate, beta-Phenylpropyl formate, 3-Phenylpropyl methanoate
5172	3-Phenylpropyl hexanoate	2896	6281-40-9	Hydrocinnamyl caproate, Hydrocinnamyl hexanoate, 3-Phenylpropyl caproate
5173	3-Phenylpropyl 2-(4-hydroxy-3-methoxyphenyl)acetate	4826		3-Phenylpropyl homovanillate
5174	3-Phenylpropyl 2-(4-hydroxy-3-methoxyphenyl)acetate	4826		3-Phenylpropyl homovanillate

Sl.No.	Material Name	FEMA	CAS	Synonyms
5175	2-Phenylpropyl isobutyrate	2892	65813-53-8	Hydratropyl isobutyrate, Hydratropyl 2-methylpropanoate, 2-Methyl-2-phenylethyl 2-methylpropanoate, 2-Phenylpropyl 2-methylpropanoate
5176	3-Phenylpropyl isobutyrate	2893	103-58-2	Hydrocinnamyl isobutyrate, Hydrocinnamyl 2-methylpropanoate, 3-Phenylpropyl 2-methylpropanoate, beta-Phenylpropyl 2-methylpropanoate
5177	3-Phenylpropyl isobutyrate (natural)	2893	103-58-2	
5178	3-Phenylpropyl isovalerate	2899	03-07-5452	Hydrocinnamyl isovalerate, Hydrocinnamyl 3-methylbutanoate, 3-Phenylpropyl isopentanoate, 3-Phenylpropyl isovalerianate, 3-Phenylpropyl 3-methylbutanoate, beta-Phenylpropyl 3-methylbutanoate
5179	3-Phenylpropyl mercaptan		24734-68-7	
5180	3-Phenylpropyl 3-phenylpropionate		60045-27-4	
5181	3-Phenylpropyl propionate	2897	122-74-7	Hydrocinnamyl propionate, 3-Phenylpropyl propanoate, beta-Phenylpropyl propionate
5182	1-Phenyl-3-propylpyrazole	3727	65504-93-0	
5183	1-Phenyl-3 or 5-propylpyrazole	3727	65504-93-0	1-Phenyl-3 or 5-propyl-1,2-diazole
5184	1-Phenyl-5-propylpyrazole	3727	65504-93-0	
5185	2-(3-Phenylpropyl) pyridine	3751	2110-18-1	Corps racine VS
5186	2-(3-Phenylpropyl)tetrahydrofuran	2898	3208-40-0	alpha-(3-Phenylpropyl)tetrahydrofuran
5187	3-Phenylpropyl valerate		5451-88-7	
5188	Phenyl salicylate	3960	118-65-8	Phenyl 2-hydroxybenzoate
5189	Phenylxylethane		6296-95-8	
5190	Phlai oil, Siam			
5191	Phoebe oil			
5192	Phosphoric acid	2900	7664-38-2	
5193	Phthalic acid		88-99-3	
5194	Phthalide	4195	87-41-2	
5195	Phytol	4196	150-86-7	cis,trans-Phytol, 3,7,11,15-Tetramethyl-2-hexadecen-1-ol
5196	Phytyl acetate	4197	10236-16-5	
5197	Pimenta berry oil (Pimento officinalis, Myrtaceae)		8006-77-7	
5198	Pimenta leaf oil (Pimenta officinalis Lindl.)	2901	8006-77-7	
5199	Pimento oleoresin			
5200	Pinacol		76-09-5	2,3-Dimethyl-2,3-butanediol

Sl.No.	Material Name	FEMA	CAS	Synonyms
5201	Pinanol		473-54-1	
5202	cis-2-Pinanol		4948-28-1	
5203	trans-Pinanol		4948-29-2	Bicyclo[3.1.1]heptane-2-ol,2,6,6-trimethyl-
5204	3-Pinanone	4198	15358-88-0	
5205	Pineapple concentrate			
5206	Pineapple distillate			
5207	Pineapple extract			
5208	Pineapple juice			
5209	Pineapple juice concentrate			
5210	Pine bark extract solid, white (Pinus strobus L.)			
5211	Pine bark oil, white (Pinus strobus L.)			
5212	Pine bark, white (Pinus strobus L.)			
5213	alpha-Pinene	2902	80-56-8	Pinene, 2-Pinene, 2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene
5214	alpha-Pinene (natural)	2902	80-56-8	
5215	beta-Pinene	2903	127-91-3	6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptane, 6,6-Dimethyl-2-methylenenorpinane, Nopinene, 2(10)-Pinene, Pseudopinene, Rosemarel
5216	beta-Pinene (natural)	2903	127-91-3	
5217	d-alpha-Pinene		7785-70-8	
5218	Pine needle oil (Abies spp.)	2905	8021-29-2	Abies sibirica Ledeb., Abies spp.
5219	Pine needle oil, dwarf (Pinus mugo Turra var. pumilio (Haenke) Zenari)	2904	8000-26-8	Pine oil, mountain, Pinus pumilio oil
5220	l-alpha-Pinene		7785-26-4	
5221	laevo-beta-Pinene	2903	18172-67-3	
5222	alpha-Pinene oxide		1686-14-2	
5223	2(10)-Pinen-3-ol	3587	5947-36-4	6,6-Dimethyl-3-hydroxy-2-methylenebicyclo[1.1.3]heptane, Pinocarveol
5224	Pine oil, scotch (Pinus sylvestris L.)	2906	8023-99-2	Pinus sylvestris oil
5225	Pine oil, white (Pinus spp.)		03-09-8002	
5226	Pine tar oil (Pinus spp.)	2907	8011-48-1	
5227	Pink peppercorn, CO2 extract			

Sl.No.	Material Name	FEMA	CAS	Synonyms
5228	Pinocamphone		547-63-4	
5229	Pinocarvyl acetate		1078-95-1	
5230	Pinocarvyl isobutyrate	4525	929116-08-5	6,6-Dimethyl-2-methylidenebicyclo[3.1.1]hept-3-yl-2-methylpropanoate, 2(10)-Pinen-3-yl isobutyrate
5231	Pinus nigra oil		90082-74-9	
5232	Piperazine	4250	110-85-0	
5233	Piperidine	2908	110-89-4	Hexahydropyridine, Hexazane, Pentamethylenimine
5234	Piperine	2909	94-62-2	1-Piperoylpiperidine
5235	Piperine (natural)	2909		
5236	Piperitenone oxide	4199	35178-55-3	1,2-Epoxy-p-Menth-4(8)-en-3-one
5237	Piperitone		89-81-6	
5238	d-Piperitone	2910	6091-50-5	4-Isopropyl-1-methyl-1-cyclohexen-3-one, p-Menth-1-en-3-one, 1-Methyl-4-isopropyl-1-cyclohexen-3-one, alpha-Piperitone
5239	d-Piperitone (natural)	2910	6091-50-5	
5240	Piper longum distillate	4266	90082-60-3	Piper longum Linn.
5241	Piperonal dimethyl acetal		59259-90-4	
5242	Piperonal propyleneglycol acetal	4622	61683-99-6	4-(4-Methyl-1,3-dioxolan-2-yl)-1,3-benzodioxole, 4-Methyl-2-(3,4-methylenedioxyphenyl)-1,3-dioxolane
5243	Piperonylacetone	2701	55418-52-5	4-(3,4-Methylenedioxyphenyl)-2-butanone
5244	Piperonyl alcohol		495-76-1	
5245	Piperonyl formate		85262-96-0	
5246	Piperonyl isobutyrate	2913	05-08-5461	Heliotropyl 2-methylpropanoate, 3,4-Methylenedioxybenzyl 2-methylpropanoate, Piperonyl 2-methylpropanoate
5247	Pipsissewa leaves extract (Chimaphila umbellata Nutt.)	2914	89997-56-8	
5248	Plum concentrate			
5249	Plum essence			
5250	Plum extract			

Sl.No.	Material Name	FEMA	CAS	Synonyms
5251	Plum juice			
5252	2-[2-(p-Menthyloxy)ethoxy]ethanol	4718		2-[2-(2-Isopropyl-5-methyl-cyclohexyloxy)-ethoxy]-ethanol, 2-[2-(p-Menthan-3-yloxy)ethoxy]ethanol, 2-[(2-p-Menthoxo)ethoxy]ethanol
5253	Polyglycerol esters of fatty acids	4201		
5254	Polylimonene		9003-73-0	
5255	Polysorbate 20	2915	9005-64-5	Polyoxyethylene (20) sorbitan monolaurate, Tween 20
5256	Polysorbate 60	2916	9005-67-8	Polyoxyethylene (20) sorbitan monostearate, Tween 60
5257	Polysorbate 80	2917	9005-65-6	Polyoxyethylene (20) sorbitan monooleate, Tween 80
5258	Pomegranate bark extract (Punica granatum L.)	2918	84961-57-9	Punica granatum L.
5259	Pomegranate concentrate (Punica granatum L.)			
5260	Pomegranate juice (Punica granatum L.)			
5261	Pomegranate seed extract			
5262	Ponkan oil (Citrus reticulata Blanco 'Ponkan')	4865		Citrus reticulata Blanco 'Ponkan' oil
5263	Pontique wormwood extract (Artemisia pontica L.)		89957-64-2	Artemisia pontica
5264	Poplar buds (Populus spp.)			
5265	Poppy seed (Papaver somniferum L.)	2919	84650-40-8	Papaver somniferum L.
5266	Poppy seed distillate			
5267	Potassium acetate	2920	127-08-2	
5268	Potassium 2-(1'-ethoxy)ethoxypropanoate	3752		
5269	Potassium sorbate	2921	590-00-1	Potassium 2,4-hexadienoate
5270	Prenyl acetate	4202	1191-16-8	3-Methyl-2-buten-1-ol acetate, 3-Methyl-2-butenyl acetate
5271	Prenyl angelate		83783-82-8	
5272	Prenyl benzoate	4203	08-11-5205	3-Methyl-2-butenyl benzoate, Proflora
5273	Prenyl caproate	4204	76649-22-4	
5274	Prenyl formate	4205	68480-28-4	3-Methyl-2-butenyl formate
5275	Prenyl heptanoate		07-10-5205	3-Methylbut-2-enyl heptanoate
5276	Prenyl isobutyrate	4206	76649-23-5	3-Methyl-2-butenyl 2-methylpropionate
5277	3-Prenyl-3-methyl-2-cyclopentenone		61900-44-5	

Sl.No.	Material Name	FEMA	CAS	Synonyms
5278	Prenyl salicylate		68555-58-8	3-Methyl-2-butenyl salicylate
5279	Prenyl thioacetate	3895	33049-93-3	3-Methyl-3-butenyl thioacetate
5280	Prenylthiol	3896	5287-45-6	3-Methyl-2-buten-1-thiol, 3-Methyl-2-butenthiol-1, 3-Methyl-2-butenyl mercaptan, Prenyl mercaptan
5281	L-Proline	3319	147-85-3	2-Pyrrolidinecarboxylic acid
5282	L-Proline (natural)	3319	147-85-3	
5283	Propanal diethyl acetal		05-08-4744	
5284	Propanal dimethyl acetal		09-10-4744	
5285	Propanal di(2-methylpropyl) acetal			
5286	Propanal ethyl methyl acetal			
5287	Propanal ethyl 3-methylbutyl acetal			
5288	Propanal ethyl 2-methylpropyl acetal			
5289	Propanal 3-methylbutyl propyl acetate			
5290	1,3-Propanediol	4753	504-63-2	
5291	1,1-Propanedithioacetate	4828		Ethanethioic acid S,S'-propylidene ester, Propane-1,1-dithioacetate, 1,1-Propanedithiol, diacetate, S,S'-propane-1,1-diyl diethanethioate
5292	1,2-Propanedithiol	3520	814-67-5	1,2-Dimercaptopropane
5293	1,3-Propanedithiol	3588	109-80-8	1,3-Dimercaptopropane, Trimethylene dimercaptan
5294	Propanethiol	3521	107-03-9	1-Propanethiol, n-Propyl mercaptan, Propylthiol, n-Thiopropyl alcohol
5295	2-Propanethiol	3897	75-33-2	Isopropyl mercaptan
5296	Propanethiol (natural)	3521	107-03-9	
5297	1-Propanol,3-(2-bornyloxy)-2-methyl, exo		128119-90-0	
5298	2-Propanoylthiophene		13679-75-9	
5299	2-Propenal		107-02-8	
5300	2-Propenal diethyl acetal		3054-95-3	
5301	4-Propenyl-2,6-dimethoxyphenol	3728	20675-95-0	6-Methoxyisoeugenol, 4-Propenylsyringol
5302	Propenylguaethol	2922	94-86-0	6-Ethoxy-m-anol, 1-Ethoxy-2-hydroxy-4-propenylbenzene, Hydroxymethylanethole, 3-Propenyl-6-ethoxyphenol, Vanitrope
5303	Propenylguaethol (natural)	2922	94-86-0	

Sl.No.	Material Name	FEMA	CAS	Synonyms
5304	(Z)-4-Propenylphenol	4062		
5305	4-(2-Propenyl)phenyl-beta-D-glucopyranoside	4548	64703-98-6	p-Allylphenyl-beta-D-glucopyranoside, Chavicol-beta-D-glucoside
5306	Propenyl propyl disulfide	3227	5905-45-6	
5307	Propionaldehyde	2923	123-38-6	Methylacetaldehyde, Propanal, Propyl aldehyde
5308	Propionaldehyde 1,3-butylene glycol acetal		21464-76-6	
5309	Propionaldehyde (natural)	2923	123-38-6	
5310	Propionaldehyd-methyl-hexen-3-yl-1-acetal		97358-54-8	3-Hexene, 1-(1-methoxypropoxy)-, [3Z]-, 3-Hexene, 1-(1-methoxypropoxy)-, (Z)-, (Z)-1-(1-Methoxypropoxy)hex-3-ene
5311	Propionic acid	2924	79-09-4	Ethylformic acid, Methylacetic acid, Propanoic acid
5312	Propionic acid (natural)	2924	79-09-4	
5313	Propionic anhydride		123-62-6	
5314	2-Propionylfuran			
5315	2-Propionylpyrrole	3614	1073-26-3	Ethyl 2-pyrrolyl ketone, 1-(2-Pyrrolyl)-1-propanone
5316	2-Propionylpyrrolone	4063		
5317	2-Propionylthiazole	3611	43039-98-1	1-(2-Thiazolyl)-1-propanone
5318	2-Propionyl-2-thiazoline	4064	29926-42-9	
5319	2-Propionylthiophene			
5320	Propiophenone (natural)	3469	93-55-0	
5321	Propiophenone	3469	93-55-0	1-Phenyl-1-propanone, Propionylbenzene
5322	2-n-Propoxy-3(5)-methylpyrazine			
5323	2-n-Propoxy-6-methylpyrazine		67845-28-7	
5324	n-Propyl acetate	2925	109-60-4	Propyl ethanoate
5325	n-Propyl acetate (natural)	2925	109-60-4	
5326	Propyl alcohol	2928	71-23-8	Albacol, Ethylcarbinol, Optal, 1-Propanol, Propylic alcohol
5327	Propyl alcohol (natural)	2928	71-23-8	
5328	Propylamine	4237	107-10-8	
5329	n-Propyl angelate		53082-57-8	
5330	p-Propyl anisole	2930	104-45-0	Dihydroanethole, 1-Methoxy-4-propylbenzene, 4-Propylmethoxybenzene, Methyl p-propylphenyl ether
5331	Propyl anthranilate		30954-98-4	

Sl.No.	Material Name	FEMA	CAS	Synonyms
5332	Propyl benzoate	2931	2315-68-6	n-Propyl benzenecarboxylate
5333	3-Propylbicyclo-(2.2.1)hept-5-en-2-carboxyaldehyde		39067-39-5	
5334	Propyl butyrate	2934	105-66-8	n-Propyl n-butanoate
5335	Propyl butyrate (natural)	2934	105-66-8	
5336	Propyl caprate		30673-60-0	Propyl decanoate
5337	Propyl caprate (natural)		30673-60-0	
5338	Propyl cinnamate	2938	7778-83-8	n-Propyl beta-phenylacrylate, n-Propyl 3-phenylpropenoate
5339	Propyl crotonate		10352-87-1	Propyl 2-butenate
5340	Propyl 2,4-decadienoate	3648	84788-08-9	
5341	4-Propyl-2,6-dimethoxyphenol	3729	6766-82-1	4-Propylsyringol
5342	2-Propyl-4,5-dimethyloxazole	4396	53833-32-2	2-n-Propyl-4,5-dimethyloxazole
5343	2-Propyl-3,5(or 6)-dimethylpyrazine		32350-16-6	
5344	2-Propyl-3,6-dimethylpyrazine			
5345	Propyl disulfide	3228	629-19-6	Dipropyl disulfide, Propyldithiopropene
5346	Propyl dodecanoate		3681-78-5	
5347	1,2-Propylene glycol	2940	57-65-6	1,2-Dihydroxypropane, Methyl glycol, 1,2-Propanediol
5348	Propylene glycol alginate	2941	9005-37-2	
5349	Propyleneglycol diacetate	4464	623-84-7	1,2-Diacetoxypropane, 1,2-Propanediol diacetate, Propane-1,2-diyl diacetate
5350	Propylene glycol dibenzoate	3419	19224-26-1	1,2-Propanediol dibenzoate
5351	Propyleneglycol dibutyrate	4466	50980-84-2	Butanoic acid, 1,1'-(1-methyl-1,2-ethanediyl) ester, Dibutryl 1,2-propyleneglycol, 1,2-Propanediol dibutyrate, Propane-1,2-diyl dibutyrate, Propylene glycol di-n-butyrate
5352	Propyleneglycol dihexanoate	4470	50343-36-7	1,2-Propanediol dihexanoate, Propane-1,2-diyl dihexanoate, 1,2-Propylene glycol dicaproate
5353	Propyleneglycol dioctanoate	4471	7384-98-4	1,2-Propanediol dioctanoate, Propane-1,2-diyl dioctanoate, 1,2-Propylene glycol dicaprylate
5354	Propyleneglycol dipropionate	4465	10108-80-2	1,2-Propanediol dipropionate, Propane-1,2-diyl dipropionate, Propylene glycol 1,2-dipropionate
5355	Propylene glycol di-2-methylbutyrate	4468		Propane-1,2-diyl bis(2-methylbutanoate)

Sl.No.	Material Name	FEMA	CAS	Synonyms
5356	Propylene glycol mono- and diesters of fatty acids	4208		
5357	Propyleneglycol monobutyrate	4488	29592-95-8	
5358	Propyleneglycol monohexanoate	4469	39556-41-7	Hexanoic acid, 2-hydroxy-1-methylethyl ester, Hexanoic acid, 2-hydroxypropyl ester, 2-Hydroxypropyl hexanoate
5359	Propyleneglycol mono-2-methylbutyrate	4467	923593-56-0	Butanoic acid, 2-methyl-, 2-hydroxy-1-methylethyl ester, Butanoic acid, 2-methyl-, 2-hydroxypropyl ester, 2-Hydroxypropyl-2-methylbutanoate
5360	Propylene glycol monostearate		1323-39-3	
5361	Propylene glycol stearate	2942	142-75-6	Propylene glycol monooctadecanoate, Propylene glycol monostearate, Propylene glycol octadecanoate
5362	n-Propyl 2-ethylbutyrate		5129-46-4	
5363	Propyl formate	2943	110-74-7	Propyl methanoate
5364	2-Propyl furan		4229-91-8	
5365	Propyl 2-furanacrylate	2945	623-22-3	Propyl furylacrylate, Propyl 3(2-furyl) acrylate, Propyl 3(2-furyl) propenoate
5366	Propyl 2-furoate	2946	615-10-1	n-Propyl furan-2-carboxylate, n-Propyl pyromucate
5367	Propyl gallate	2947	121-79-9	n-Propyl 3,4,5-trihydroxybenzoate
5368	Propyl heptanoate	2948	7778-87-2	Propyl heptoate, n-Propyl heptylate
5369	Propyl heptanoate (natural)	2948	7778-87-2	
5370	Propyl hexadecanoate		2239-78-3	
5371	Propyl hexanoate	2949	626-77-7	n-Propyl caproate
5372	Propyl hexanoate (natural)	2949	626-77-7	
5373	Propyl p-hydroxybenzoate	2951	94-13-3	Preserval P, Propyl Chemosept, Propylparaben, Propyl Parasept
5374	3-Propylidene-phthalide	2952	17369-59-4	
5375	Propyl isobutyrate	2936	644-49-5	n-Propyl 2-methylpropanoate
5376	Propyl isobutyrate (natural)	2936	644-49-5	
5377	Propyl isovalerate	2960	557-00-6	Propyl isopentanoate, Propyl isovalerianate, Propyl 3-methylbutanoate, Propyl 3-methylbutyrate
5378	n-Propyl isovalerate			
5379	Propyl isovalerate (natural)	2960	557-00-6	

Sl.No.	Material Name	FEMA	CAS	Synonyms
5380	n-Propyl lactate		616-09-1	Propyl 2-hydroxypropionate
5381	Propyl levulinate	4480	645-67-0	Levulinic acid propyl ester, 4-Oxo-pentanoic acid propyl ester
5382	Propyl 2-mercaptopropionate	4207		
5383	Propyl 2-methylbutyrate		37064-20-3	
5384	Propyl 2-methyl-3-furyl disulfide	3607	61197-09-9	2-Methyl-3-furyl propyl disulfide
5385	Propyl nonanoate		07-03-6513	Propyl pelargonate
5386	Propyl octanoate		624-13-5	
5387	alpha-Propylphenethyl alcohol	2953	705-73-7	Benzylbutyl alcohol, Benzyl propyl carbinol, 1-Phenyl-2-pentanol, n-Propyl benzyl carbinol
5388	3-Propylphenol		621-27-2	
5389	o-Propylphenol	3522	644-35-9	1-(2-Hydroxyphenyl)propane, 2-Propylphenol
5390	p-Propylphenol	3649	645-56-7	4-Propylphenol
5391	Propyl phenylacetate	2955	4606-15-9	n-Propyl alpha-toluate
5392	Propyl propane thiosulfonate	4263	1113-13-9	S-Propyl propane-1-sulfonothioate, S-Propyl propanethiosulfonate
5393	Propyl propionate	2958	106-36-5	n-Propyl propanoate
5394	Propyl propionate (natural)	2958	106-36-5	
5395	2-Propylpyrazine	3961	18138-03-9	
5396	2-Propylpyridine	4065	622-39-9	
5397	3-Propylpyridine		4673-31-8	
5398	Propyl pyruvate	4484	20279-43-0	Propanoic acid, 2-oxo-, propyl ester, Propyl 2-oxopropionate, Pyruvic acid, propyl ester
5399	Propyl salicylate		607-90-9	
5400	Propyl sorbate	4614	10297-72-0	2,4-Hexadienoic acid, propyl ester, (E,E)-, trans,trans-2,4-Hexadienoic acid, propyl ester
5401	Propyl 4-tert-butylphenylacetate	4619		
5402	2-Propylthiazole		17626-75-4	
5403	2-Propylthiazolidine		24050-10-0	
5404	Propyl thioacetate	3385	2307-10-0	
5405	Propyl tiglate nature identical		61692-83-9	
5406	2-Propyl-4,4,6-trimethyl-1,3-dioxane		5421-99-8	
5407	Propyl valerate		141-06-0	Propyl pentanoate
5408	Prune concentrate			

Sl.No.	Material Name	FEMA	CAS	Synonyms
5409	Prune extract		90082-87-4	
5410	Prune juice			
5411	Pseudocyclocitral		1726-47-2	2,2,4-Trimethyl-3-cyclohexenecarboxaldehyde
5412	Pseudodamascone		76649-24-6	
5413	Pseudoionone	4299	141-10-6	Citrylidene acetone, 2,6-Dimethylhendeca-2,6,8-trien-10-one, 2,6-Dimethyl-2,6,8-undecatrien-10-one, 6,10-Dimethyl-3,5,9-undecatrien-10-one, phi-Ionone, psi-
5414	Pseudomethylionones		26651-96-7	
5415	Pulegone	2963	89-82-7	1-Isopropylidene-4-methyl-2-cyclohexanone, p-Menth-4(8)-en-3-one, 1-Methyl-4-isopropylidene-3-
5416	Pulegone (natural)	2963	89-82-7	
5417	Pumpkin seed oil		8016-49-7	Cucurbita pepo seed extract
5418	Purified Damar Gum	4820		Purified Shorea javanica Gum
5419	2H-Pyran-4-ol, tetrahydro-4-methyl-2-propyl acetate		131766-73-9	
5420	Pyrazine	4015	290-37-9	
5421	Pyrazineethanethiol	3230	35250-53-4	Pyrazinyethanethiol
5422	Pyrazines, mixed			
5423	Pyrazinyl methyl sulfide	3231	21948-70-9	2-Methylthiopyrazine
5424	Pyridine	2966	110-86-1	Azine
5425	2-Pyridinemethanethiol	3232	2044-73-7	2-Mercaptomethylpyridine, 2-Pyridylmethanethiol, 2-Pyridylmethyl mercaptan
5426	N-(2-(Pyridin-2-yl)ethyl)-3-pmenthanecarboxamide	4549	847565-09-7	2-Isopropyl-5-methyl-N-[2-(pyridin-2-yl)ethyl]cyclohexanecarboxamide
5427	Pyrocatechol		120-80-9	1,2-Benzenediol
5428	Pyroligneous acid	2967	8030-97-5	
5429	Pyroligneous acid extract	2968	8030-97-5	Pyroligneous vinegar, Wood vinegar
5430	Pyroligneous acid (natural)	2967	8030-97-5	
5431	Pyrrole	3386	109-97-7	Azole, Divinyleneimine, Imidole
5432	2-Pyrrolecarbaldehyde		1003-29-8	
5433	Pyrrolidine	3523	123-75-1	Tetrahydropyrrole, Tetramethylenimine
5434	Pyrrolidino-[1,2E]-4H-2,4-dimethyl-1,3,5-dithiazine	4321	116505-60-3	2,4-Dimethyl-tetrahydro-pyrrolo[2,1-d][1,3,5] dithiazine, Tetrahydro-2,4-dimethyl-4H-pyrrolo[2,1-d]-1,3,5-
5435	2-Pyrrolidone	4829		gamma-Aminobutyrolactam, Butyrolactam, alpha-

Sl.No.	Material Name	FEMA	CAS	Synonyms
5436	l-Pyrroline	3898	5724-81-2	3,4-Dihydro-(2H)-pyrrole
5437	Pyruvaldehyde	2969	78-98-8	Acetylformaldehyde, 2-Ketopropionaldehyde, alpha-Ketopropionic aldehyde, Methylglyoxal, 2-Oxopropanal, Pyruvic aldehyde
5438	Pyruvic acid	2970	127-17-3	Acetylformic acid, 2-Ketopropionic acid, alpha-Ketopropionic acid, 2-Oxopropanoic acid, Pyroracemic acid
5439	Pyruvic acid (natural)	2970	127-17-3	
5440	Quassia extract (Picrasma excelsa (Sw.) Planch.-Quassia amara L.)	2971	68915-32-2	Bitter ash extract, Bitter wood extract
5441	Quebracho bark extract	2972	1401-55-4	Aspidosperma quebracho blanco Scchlecht
5442	Quillaia (Quillaja saponaria Molina) extract	2973	68990-67-0	China bark extract, Saponin, Soap bark
5443	Quince concentrate (cydonia spp.)		85117-13-1	
5444	Quince seed extract (Cydonia spp.)	2974	85117-13-1	Cydonia spp.
5445	Quinic acid		36413-60-2	
5446	Quinine		130-95-0	
5447	Quinine bisulfate	2975	549-56-4	
5448	Quinine hydrochloride	2976	130-89-2	Quinine chloride, Quinine monohydrochloride
5449	Quinine sulfate	2977	6119-70-6	
5450	Quinoline		91-22-5	1-Benzazine, 2,3-Benzopyridine, Chinoleine, Leucoline
5451	Quinoxaline		91-19-0	
5452	Raisin concentrate			
5453	Raisin extract			
5454	Raspberry concentrate			
5455	Raspberry essence			
5456	Raspberry extract			
5457	Raspberry leaves absolute (Rubus ideaus L.)		84929-76-0	
5458	Ravensara oil			
5459	Rebaudioside A	4601	58543-16-1	
5460	Rebaudioside C	4720	63550-99-2	Dulcoside B
5461	Red berry CO2 extract			
5462	Redcurrant extract			
5463	Red grape concentrate			
5464	Red grape leaf extract			
5465	Resorcinol	3589	108-46-3	1,3-Benzenediol, m-Dihydroxybenzene
5466	l-Rhamnose	3730	3615-41-6	6-Deoxy-l-mannose, Isodulcitol, L-Mannomethylose
5467	l-Rhamnose (natural)	3730	3615-41-6	
5468	Rhatany extract (Krameria spp.)	2979	84775-95-1	Krameria extract
5469	Rhodinol	2980	6812-78-8	alpha-Citronellol, 3,7-Dimethyl-7-octen-1-ol

Sl.No.	Material Name	FEMA	CAS	Synonyms
5470	Rhodinol (natural)	2980	6812--78-8	
5471	Rhodinol T		7540-51-4	
5472	Rhodinyl acetate	2981	141-11-7	3,7-Dimethyl-7-octen-1-yl acetate, 3,7-Dimethyl-7-octen-1-yl ethanoate, Rhodinyl ethanoate
5473	Rhodinyl butyrate	2982	141-16-2	3,7-Dimethyl-7-octen-1-yl butanoate
5474	Rhodinyl formate	2984	141-09-3	3,7-Dimethyl-7-octen-1-yl formate, 3,7-Dimethyl-7-octen-1-yl methanoate, Rhodinyl methanoate
5475	Rhodinyl isobutyrate	2983	138-23-8	Dimethyl-7-octen-1-yl 2-methylpropanoate, Rhodinyl 2-methylpropanoate
5476	Rhodinyl isovalerate	2987	7778-96-3	3,7-Dimethyl-7-octen-1-yl isopentanoate, 3,7-Dimethyl-7-octen-1-yl isovalerate, 3,7-Dimethyl-7-octen-1-yl 3-methylbutanoate, Rhodinyl isopentanoate, Rhodinyl isovalerianate, Rhodinyl 3-methylbutanoate
5477	Rhodinyl phenylacetate	2985	10486-14-3	3,7-Dimethyl-7-octen-1-yl phenylacetate, Rhodinyl alpha-toluate
5478	Rhodinyl propionate	2986	105-89-5	3,7-Dimethyl-7-octen-1-yl propanoate, 3,7-Dimethyl-7-octen-1-yl propionate, Rhodinyl propanoate
5479	Rhubarb garden root (<i>Rheum rhaponticum</i> L.)			
5480	Rhubarb root (<i>Rheum</i> spp.)			
5481	d-Ribose	3793	50-69-1	
5482	Rice distillate			
5483	Romascone		81752-87-6	Methyl 2,2-dimethyl-6-methylene-1-cyclohexanecarboxylate
5484	Rooibos extract			
5485	Rootanol		67634-11-1	4-Methyl-2-t-butylcyclohexanol
5486	Rose absolute (<i>Rosa</i> spp.)	2988	8007-01-0	
5487	Rose bud oil (<i>Rosa</i> spp.)		8007-01-0	
5488	Rose concrete (<i>Rosa damascena</i> Mill.)		8007-01-0	
5489	Rose flowers (<i>Rosa</i> spp.)			
5490	Rose hip oil			
5491	Rose hips extract (<i>Rosa</i> spp.)	2990	8007-01-0	Hipberries extract
5492	Rose hips, whole (<i>Rosa canina</i>)			

Sl.No.	Material Name	FEMA	CAS	Synonyms
5493	Rose leaves (<i>Rosa</i> spp.)			
5494	Roselle (<i>Hibiscus sabdariffa</i> L.)		84775-96-2	<i>Hibiscus sabdariffa</i>
5495	Rose mallow hollyhock (<i>Althaeae rosea</i> L.)			<i>Althaeae rosea</i>
5496	Rosemary (<i>Rosmarinus officinalis</i> L.)	2991	8000-25-7	
5497	Rosemary absolute (<i>Rosmarinus officinalis</i>)	2992	8000-25-7	
5498	Rosemary extract (<i>Rosmarinus officinalis</i>)	2992	8000-25-7	Rosemary CO2 extract
5499	Rosemary oil (<i>Rosmarinus officinalis</i> L.)	2992	8000-25-7	Garden rosemary oil
5500	Rosemary oil, terpeneless (<i>Rosmarinus officinalis</i>)		68917-54-4	
5501	Rosemary oleoresin (<i>Rosmarinus officinalis</i>)	4705	84604-14-8	<i>Rosmarinus officinalis</i>
5502	Rosemary oleoresin/extract (<i>Rosmarinus officinalis</i> L.)	2992	84604-14-8	
5503	Rosemary water (<i>Rosmarinus officinalis</i> L.)		84604-14-8	
5504	Rose oil (<i>Rosa damascena</i> Mill.)		8007-01-0	
5505	Rose oil, Bulgarian, true otto (<i>Rosa damascena</i> Mill.)	2989	8007-01-0	Attar of roses
5506	Rose oil, Egyptian (<i>Rosa</i> spp.)		8007-01-0	
5507	Rose oil, Iranian			
5508	Rose oil, Moroccan (<i>Rosa centifolia</i>)		8007-01-0	
5509	Rose oil, Russian			
5510	Rose oil, Turkish (<i>Rosa damascena</i> Mill.)		8007-01-0	
5511	Rose water (<i>Rosa</i> spp.)			
5512	Rose water essence (<i>Rosa centifolia</i> L.)	2993	84604-12-6	
5513	Rosin (<i>Pinus</i> spp.)		07-09-8050	Abietic anhydride, Colophony, <i>Pinus</i> spp. (rosin)
5514	Rosyrane		60335-71-9	
5515	Rue (<i>Ruta graveolens</i> L.)	2994	8014-29-7	<i>Ruta graveolens</i>
5516	Rue oil (<i>Ruta graveolens</i> L.)	2995	8014-29-7	
5517	Rum absolute			
5518	Rum ether	2996	8030-89-5	Ethyl oxyhydrate
5519	Rum ether (natural)	2996	8030-89-5	Ethyl oxyhydrate
5520	Rum extract		90604-30-1	
5521	Rye extract (<i>Secale cereale</i>)			

Sl.No.	Material Name	FEMA	CAS	Synonyms
5522	Sabinene		3387-41-5	
5523	Sabinene (natural)		3387-41-5	
5524	Sabine oil		8024-00-8	
5525	Saccharin		81-07-2	
5526	Saccharine sodium salt	2997	128-44-9	1,2-Benzisothiazolin-3-one, 1,1-dioxide, sodium salt, Crystallose, Kristallose, Saccharin soluble, Sodium saccharin
5527	Safflower oil (Carthamus tinctorius)			
5528	Saffron (Crocus sativus L.)	2998	84604-17-1	Crocus sativus L.
5529	Saffron extract (Crocus sativus L.)	2999	84604-17-1	Crocus extract
5530	Safranitrile		72152-84-2	2,6,6-Trimethyl-1,3-cyclohexadiene-1-carbonitrile, 2,6,6-Trimethylcyclohexa-1,3-diene-1-carbonitrile
5531	Safrole		94-59-7	
5532	Sage (Salvia officinalis L.)	3000	8022-56-8	
5533	Sage absolute, Spanish (Salvia lavandulaefolia V.)		8016-65-7	
5534	Sage dalmatian oil (Salvia officinalis L.)		8016-64-6	
5535	Sage, Greek (Salvia triloba L.)			
5536	Sage oil (Salvia officinalis L.)	3001	8022-56-8	
5537	Sage oil, Spanish (Salvia lavandulifolia Vahl.)	3003	8016-65-7	
5538	Sage oleoresin/extract (Salvia officinalis L.)	3002	8022-56-7	
5539	Sage oleoresin, Spanish (Salvia lavandulaefolia V.)			
5540	Sage (Salvia stenophylla) oil		93572-64-6	
5541	Salicylaldehyde	3004	90-02-8	2-Hydroxybenzaldehyde, o-Hydroxybenzaldehyde, Salicylal
5542	Sandal distillate water (Santalum album)			
5543	New Caledonia sandalwood	4815	91845-48-6	
5544	Sandalwood oil, (Santalum album L.)	3005	8006-87-9	Arheol, Sandalwood oil, East Indian, Santalum album L., Saunders oil, white
5545	Sandalwood oil, Australian		8024-35-9	
5546	Sandalwood, red (Pterocarpus santalinus L.f.)		84650-41-9	Pterocarpus santalinus, Ruby wood, Sanderswood, red, Saunders, red
5547	Sandarac (Tetraclinis articulata (Vahl.) Mast.)			Tetraclinis articulata

Sl.No.	Material Name	FEMA	CAS	Synonyms
5548	alpha-Santalene		512-61-8	
5549	alpha-Santalenol		115-71-9	
5550	beta-Santalenol		77-42-9	
5551	alpha-Santalol		115-71-9	
5552	Santalol (alpha and beta)	3006	11031-45-1	Argeol, Arheol
5553	Santalol (alpha and beta) (natural)	3006	11031-45-1	
5554	Santalyl acetate	3007	1323-00-8	
5555	Santalyl n-butyrate		67633-98-1	
5556	Santalyl phenylacetate	3008	1323-75-7	alpha-Santalyl phenylacetate, beta-Santalyl phenylacetate, Santalyl alpha-toluate
5557	Santolina oil (Santolina chamaecyparissus L.)			
5558	Sarcodactylis oil (Citrus medicus L. var. Sarcodactylus swingle)	3899	85085-28-5	Citron tree oil, Fingered citron
5559	Saro oil			
5560	Sarsaparilla extract (Smilax spp.)	3009	91770-66-0	
5561	SasnoI			SasnoI DF, SasnoI TS
5562	Sassafras bark extract (safrol-free) (Sassafras albidum (Nutt.) Nees)	3010	84787-72-4	
5563	Sassafras leaves (safrol-free) (Sassafras albidum (Nutt.) Nees)	3011	84787-72-4	
5564	Sassafras oil (Sassafras albidum (Nutt.) Nees)		8006-80-2	
5565	Satsuma mandarine oil (Citrus unshiu)		98106-71-9	
5566	Satsuma mandarin oil	4862		Citrus junos Siebold ex Tanaka oil
5567	Savin oil (Juniperus sabina L.)		8024-00-8	
5568	Savory summer (Satureja hortensis L.)	3012	8016-68-0	Satureja
5569	Savory summer oil (Satureja hortensis L.)	3013	8016-68-0	
5570	Savory summer oleoresin (Satureja hortensis L.)	3014	8016-68-0	
5571	Savory winter (Satureja montana L.)	3015	890106-57-3	
5572	Savory winter oil (Satureja montana L.)	3016	8016-68-0	
5573	Savory winter oleoresin (Satureja montana L.)	3017	90106-57-3	

Sl.No.	Material Name	FEMA	CAS	Synonyms
5574	Schiff base, amylcinnamic aldehyde/methyl anthranilate		68527-78-6	alpha-Amylcinnamaldehyde-methyl anthranilate, Methyl 2-((2-phenylmethylene)heptylidene)aminobenzoate
5575	Schiff base, anisic aldehyde/methyl anthranilate		14735-72-9	Anisic aldehyde/methylantranilate (Schiff base)
5576	Schiff base, anisic aldehyde/methyl anthranilate (natural)		14735-72-9	
5577	Schiff base, anthranilic acid/n-octylidene methyl ester		67801-44-9	Schiff base, Anthranilic acid, n-octylidene
5578	Schiff base, anthranilic acid n-(2,4(or 3,5)-dimethyl-3-cyclohexen-1-yl):ethyl ester		68228-09-1	Schiff base, anthranilic acid
5579	Schiff base, benzaldehyde/methyl anthranilate			
5580	Schiff base, cinnamic aldehyde/methyl anthranilate		94386-48-8	Cinnamic aldehyde/methyl anthranilate (Schiff base)
5581	Schiff base, citral/methyl anthranilate			
5582	Schiff base, citronellal/methyl anthranilate		67845-42-5	Schiff base, Citronellal-methyl anthranilate
5583	Schiff base, cyclamen aldehyde/methylantranilate		91-50-9	Cyclamen aldehyde/methylantranilate (Schiff base)
5584	Schiff base, decanal/methylantranilate		67874-67-3	Decanal-methylantranilate (Schiff base)
5585	Schiff base, 2,4(or 3,5)-dimethyl-3-cyclohexene-1-carboxaldehyde/methyl anthranilate		68738-99-8	Methyl-(3,5-dimethyl-3-cyclohexene-1-yl)-methylene anthranilate (Schiff base), Vertosine
5586	Schiff base, hexylcinnamic aldehyde/methyl anthranilate		67924-13-4	Hexylcinnamic aldehyde/methyl anthranilate (Schiff base), Methyl 2-((2-phenylmethylene)octylidene)aminobenzoate
5587	Schiff base, hydroxycitronellal/indol		67801-36-9	Schiff base, indol/hydroxycitronellal
5588	Schiff base, hydroxycitronellal/methyl anthranilate		89-43-0	Hydroxycitronellal/methyl anthranilate (Schiff base)
5589	Schiff base, 3-(4-hydroxy-4-methylphenyl)-3-cyclohexen-1-carboxaldehyde/methylantranilate		68039-34-9	Methyl-N-(4(4-hydroxy-4-methylpentyl)-3-cyclohexen-1
5590	Schiff base, isononanal/methyl anthranilate		67801-42-7	Isononanal/Methylantranilate (Schiff base)
5591	Schiff base, isononylaldehyde/methyl anthranilate		67923-84-6	Iso-nonylaldehyde/methyl anthranilate (Schiff base)
5592	Schiff base, Lilial/methyl anthranilate		91-51-0	Lilial-methylantranilate (Schiff base)
5593	Schiff base, Lylal/methyl anthranilate		67634-12-2	Lylal/methyl anthranilate (Schiff base)

Sl.No.	Material Name	FEMA	CAS	Synonyms
5594	Schiff base, methyl anthranilate/canthoxal		111753-62-9	Methyl anthranilate/canthoxal (Schiff base), Schiff base,canthoxal/methylanthranilate
5595	Schiff base, 2-methylpentanal/methyl anthranilate		50607-64-2	Methyl 2-methylpentylideneanthranilate
5596	Schiff base, myrac aldehyde/methyl anthranilate		93894-30-5	
5597	Schiff base, nonanal/methyl anthranilate			Nonanal/methyl anthranilate (Schiff base)
5598	Schiff base, phenylacetaldehyde/methyl anthranilate		67785-76-6	
5599	Schiff base, Triplal/methyl anthranilate		68845-02-3	Triplal/methyl anthranilate schiff base
5600	Schinus molle oil (Schinus molle L.)	3018	68917-52-2	Pepper tree oil
5601	(-)-Sclareol	4502	515-03-7	α -Ethenyldecahydro-2-hydroxy, α -Ethenyldecahydro-2-hydroxy- α ,2,5,5,8 α -pentamethyl-1-naphthalenepropanol, 1-Naphthalenepropanol, 1-Naphthalenepropanol, α ethenyldecahydro-2-hydroxy- α ,2,5,5,8 α -pentamethyl-(α -R,1R,2R,4aS,8aS)-Labd-14-ene-8,13-diol
5602	Sclareolide	3794	564-20-5	Decahydrotetramethylnaphtho[2,1b]furan-2(1H)one, Norambrienolide
5603	(-)-Sclareol (natural)	4502	515-03-7	Sclareol
5604	Scotch spearmint oil, Mentha cardiaca L.	4221	8008-79-5	
5605	Seaweed absolute (Laminaria spp.)		92128-82-0	
5606	Seaweed absolute (Fucus vesiculosus)		68917-51-1	
5607	Sea wormwood (Artemisia maritima L.)			Artemisia maritima
5608	Senna alexandria (Cassia acutifolia Delile)			Cassia acutifolia Delisle
5609	Serine		302-84-1	
5610	Serine (natural)		302-84-1	
5611	Serpentaria extract (Aristolochia serpentaria L.)		89957-56-2	Aristolochia serpentaria, Virginia snakeroot
5612	Sesame extract			
5613	Sesame oil (Sesamum indicum)			
5614	Shallot oil (Allium ascalonicum L.)		92202-24-9	Allium ascalonicum
5615	Shea butter (Vitellaria paradoxa)			
5616	Siam wood oil		8022-47-7	Pei mou
5617	Sikuwasya oil (Citrus depressa)	4859		Citrus depressa oil, Shiikuwasha oil
5618	Simaruba bark (Simaruba amara AubL.)			

Sl.No.	Material Name	FEMA	CAS	Synonyms
5619	alpha Sinensal		17909-77-2	2,6,10-Trimethyl-2,6,9,11-dodecatrienal
5620	beta-Sinensal	3141	60066-88-8	
5621	beta-Sitosterol		83-46-5	
5622	Skatole	3019	83-34-1	3-Methyl-4,5-benzopyrrole, 3-Methyl(1H)indole, beta-Methylindole
5623	Sloe berries (Prunus spinosa L.)	3020	90105-94-5	Blackthorn berries, Prunus spinosa L.
5624	Sloe berries extract (Prunus spinosa L.)	3021	90105-94-5	Blackthorn berries extract
5625	Sloe berries extract solid (Prunus spinosa L.)	3022	90105-94-5	Blackthorn berries extract, solid
5626	Sloe concentrate (Prunus spinosa L.)			
5627	Snakeroot oil, canadian (Asarum canadense L.)	3023	8016-69-1	Wild ginger oil, Canadian
5628	Sodium acetate	3024	127-09-3	
5629	Sodium alginate nature identical		9005-38-3	
5630	Sodium benzoate	3025	532-32-1	
5631	Sodium chloride		7647-14-5	
5632	Sodium citrate	3026	68-04-2	Citratin, Citrosodine, Trisodium citrate
5633	Sodium citrate (natural)	3026	68-04-2	
5634	Sodium diacetate	3900	126-96-5	Dykon, Sodium acid acetate
5635	Sodium erythorbate		6381-77-7	
5636	Sodium hexametaphosphate	3027	10124-56-8	Calgon, Giltex, Hagan phosphate, Micromet, Quadrafos, Sodium metaphosphates
5637	Sodium lauryl sulfate	4437	151-21-3	Sodium dodecyl sulfate, Sulfuric acid monododecyl ester sodium salt
5638	Sodium 3-mercaptopropionate	3901	10255-67-1	Sodium 3-mercaptopropionate, Sodium mercaptopyruvate
5639	Sodium (4-methoxybenzoxy)acetate	4016	17114-82-8	
5640	Sodium 3-methoxy-4-hydroxycinnamate	3812	24276-84-4	Sodium ferulate, Sodium 3-(4-hydroxy-3-methoxyphenyl)propenoate
5641	Sodium 2-(4-methoxyphenoxy)propanoate	3773	13794-15-5	
5642	Sodium stearate		822-16-2	
5643	Solanone		1937-45-8	
5644	Sorbitan monooleate		1338-43-8	
5645	Sorbitan monostearate	3028	1338-41-6	Span 60

Sl.No.	Material Name	FEMA	CAS	Synonyms
5646	d-Sorbitol	3029	50-70-4	Diakarmon, d-Glucitol, Karion, Nevitin, Sionon, Sorbit, Sorbo, Sorbol
5647	Sour cherry concentrate			
5648	Southernwood (<i>Artemisia abrotanum</i> L.)			<i>Artemisia abrotanum</i>
5649	Southernwood oil			
5650	Soy germ extract			
5651	Soy sauce			
5652	Spearmint distillate			
5653	Spearmint extract (<i>Mentha spicata</i> L.)	3031	84696-51-5	
5654	Spearmint oil (<i>Mentha sativa</i>)			
5655	Spearmint oil (<i>Mentha spicata</i> L.)	3030	84696-51-5	<i>Mentha spicata</i> L.
5656	Spearmint oil, 60% carvone (<i>Mentha sativa</i>)			
5657	Spearmint oil, 80% carvone (<i>Mentha sativa</i>)			
5658	Spearmint oil, native (<i>Mentha sativa</i>)			
5659	Spearmint oil, native (<i>Mentha spicata</i>)	3032	8008-79-5	<i>Mentha cardiaca</i> , Scotch spearmint
5660	Spearmint oil, native terpeneless (<i>Mentha spicata</i>)		8008-79-5	
5661	Spearmint oil, scotch (<i>Mentha cardiaca</i>)		8008-79-5	
5662	Spike lavender absolute (<i>Lavandula latifolia</i> , V.L.)		8016-78-2	
5663	Spike lavender concrete (<i>Lavandula</i> spp.)		8016-78-2	
5664	Spike lavender oil (<i>Lavandula latifolia</i> L.)	3033	8016-78-2	Lavender oil, spike
5665	Spikenard oil (<i>Nardostachys jatamansi</i>)		8022-22-8	Jatamansi oil
5666	Spikenard oil extract (<i>Nardostachys jatamansi</i>)		8022-22-8	Jatamansi oil extract
5667	Spinach absolute			
5668	Spinach extract (<i>Spinacio oleracea</i> L.)		68917-48-6	
5669	Spiro [1,3-dioxolane-2,8'(5'H)-[2H-2,4a]-methanonaphthalene], -hexahydro-1',1',5',5'-tetramethyl-			Ysamber K
5670	Spiro[furan-2(3H),5'-(4,7-methano-5H-indene), decahydro		68480-11-5	
5671	Spruce fir oil (<i>Picea mariana</i>)			
5672	Spruce oil (<i>Tsuga</i> and <i>Picea</i> spp.)	3034	8008-80-8	Hemlock oil, <i>Picea</i> spp.
5673	Schisandra fruit extract			

Sl.No.	Material Name	FEMA	CAS	Synonyms
5674	Stearic acid	3035	57-11-4	Octadecanoic acid, Octadecylic acid
5675	St. John's wort leaves, flowers and caulis (<i>Hypericum perforatum</i> L.)			
5676	Strawberry distillate			
5677	Strawberry essence			
5678	Strawberry extract			
5679	Strawberry juice concentrate			
5680	Strawberry leaves absolute (<i>Fragaria vesca</i> L.)		84929-78-2	
5681	Styrallyl formate	2688	7775-38-4	alpha-Methylbenzyl formate, alpha-Methylbenzyl methanoate, Methyl phenyl carbonyl formate, 1-Phenyl-1-ethyl formate, 1-Phenyl-1-ethyl methanoate
5682	Styrallyl isobutyrate	2687	7775-39-5	alpha-Methylbenzyl isobutyrate, alpha-Methylbenzyl 2-methylpropanoate, Methyl phenyl carbonyl isobutyrate, 1-Phenyl-1-ethyl isobutyrate, 1-Phenyl-1-ethyl 2-methylpropanoate
5683	Styrallyl isobutyrate (natural)	2687	7775-39-5	
5684	Styrallyl propionate	2689	120-45-6	alpha-Methylbenzyl propionate, Methyl phenyl carbonyl propionate, 1-Phenyl-1-ethyl propionate
5685	Styrax (<i>Liquidambar</i> spp.)	3036	8046-19-3	Liquidambar spp., Storax, Styrax gum
5686	Styrax essence (<i>Liquidambar</i> spp.)		09-01-8024	
5687	Styrax extract (resinoid) (<i>Liquidambar</i> spp.)	3037	8046-19-3	Storax extract, Styrax resinoid
5688	Styrax oil (<i>Liquidambar</i> spp.)		09-01-8024	
5689	Styrax oil, pyrogenated		09-01-8024	
5690	Styrene	3233	100-42-5	Phenylethene, Phenylethylene, Vinylbenzene
5691	Styryl acetate		10521-96-7	
5692	Succinic acid	4719	110-15-6	Butanedioic acid, 1,2-Ethanedicarboxylic acid
5693	Succinic acid (natural)		110-15-6	
5694	Sucrose acetate isobutyrate		137204-24-1	
5695	Sucrose monopalmitate	4713	26446-38-8	beta-D-Fructofuranoside, monohexadecanoate, alpha-D-Glucopyranoside, beta-D- fructofuranosyl, monohexadecanoate

Sl.No.	Material Name	FEMA	CAS	Synonyms
5696	Sucrose octaacetate	3038	126-14-7	Octaacetyl sucrose
5697	Sudachi oil (Citrus sudachi hort. ex Shirai)	4863		Citrus sudachi hort. ex Shirai oil
5698	Sugar apple (Annona squamosa L.)		90604-49-2	Annona squamosa
5699	Sugar beet extract base		8016-79-3	
5700	Sugar beet juice extract	4229		
5701	Sugar cane distillate	4816		
5702	Sugar cane fermented extract		91770-72-8	
5703	Sugar distillate			
5704	Sulfur dioxide	3039	05-09-7446	Sulfurous anhydride, Sulfurous oxide
5705	Suzaral		6658-48-6	
5706	Sweet basil oil, American			
5707	Sweet blackberry leaves extract	4717		Chinese Blackberry Extract, Rubus chingii Hu, ext., Rubus palmatus Thunb., ext., Rubus suavissimus S. Lee, ext.
5708	Tagetes absolute (Tagetes spp.)		8016-84-0	
5709	Tagetes erecta oil	3040	8016-84-0	Marigold oil
5710	Tagetes minuta			
5711	Tairawhiti manuka oil (Leptospermum scoparium)			
5712	Tamarind extract (Tamarindus indica L.)			
5713	Tangelo oil		72869-73-9	
5714	Tangelo oil (Citrus paradisi Macf. x Citrus tangerine hort. ex Tanaka)	4854		Citrus paradisi Macf. x Citrus tangerine hort. ex Tanaka oil, Citrus x tangelo oil
5715	Tangerine concentrate (Citrus reticulata Blanco)			
5716	Tangerine distillate (Citrus reticulata Blanco)			
5717	Tangerine extract (Citrus reticulata Blanco)			
5718	Tangerine juice (Citrus reticulata Blanco)			
5719	Tangerine oil (Citrus reticulata Blanco)	3041	8008-31-9	Citrus reticulata blanco, Citrus tangerina (Hort.ex Tan.), Tangerine green
5720	Tangerine terpenes		68608-38-8	
5721	Tannic acid (Quercus spp.)	3042	1401-55-4	Gallotannic acid, Quercus spp. (tannic acid), Tannin
5722	Tansy (Tanacetum vulgare L.)			
5723	Tansy oil (Tanacetum vulgare L.)		8016-87-3	

Sl.No.	Material Name	FEMA	CAS	Synonyms
5724	Tansy oil, blue (Tanacetum annuum)			
5725	Tarragon (Artemisia dracunculus L.)	3043	8016-88-4	
5726	Tartaric acid	3044	133-37-9	2,3-Dihydroxybutanedioic acid, 2,3-Dihydroxysuccinic acid, Racemic acid
5727	Tartaric acid (natural)	3044	133-37-9	
5728	Tasmania lanceolata extract	4755	183815-52-3	Drimys aromatica extract, Drimys lanceolata extract
5729	Taurine	3813	107-35-7	2-Aminoethanesulfonic acid
5730	Tea (Thea sinensis)		84650-60-2	
5731	Tea absolute (Thea sinensis L.)		84650-60-2	
5732	Tea (black) distillate			
5733	Tea (darjeeling) distillate			
5734	Tea (darjeeling) extract			
5735	Tea essence (Thea sinensis)			
5736	Tea extract (Thea sinensis)		84650-60-2	
5737	Tea (green chunmee) extract			
5738	Tea (green) distillate			
5739	Tea (green) extract			
5740	Tea (green gunpowder) distillate			
5741	Tea (green gunpowder) extract			
5742	Tea (red rooibos) distillate			
5743	Tea (red rooibos) extract			
5744	Tea tree oil (Melaleuca alternifolia)	3902	68647-73-4	Melaleuca alternifolia
5745	Tea tree oil, lemon-scented (Leptospermum citratum)			Lemon-scented tea tree oil
5746	Tea (white) distillate			
5747	alpha-Terpinene	3558	99-86-5	
5748	gamma-Terpinene	3559	99-85-4	Crithmene, p-Mentha-1,4-diene, 1-Methyl-4-isopropyl-1,4-cyclohexadiene, Moslene
5749	gamma-Terpinene (natural)	3559	99-85-4	
5750	Terpinen-4-ol		562-74-3	

Sl.No.	Material Name	FEMA	CAS	Synonyms
5751	Terpineol		8000-41-7	
5752	alpha-Terpineol	3045	98-55-5	1-p-Menthen-8-ol, 1-Methyl-4-isopropyl-1-cyclohexen-8-ol, alpha-Terpinol, Terpeneol schlechthin, alpha,alpha-4-Trimethyl-3-cyclohexene-1-methanol
5753	(-)-alpha-Terpineol		10482-56-1	
5754	alpha-Terpineol (natural)	3045	98-55-5	
5755	Terpin hydrate		06-01-2451	
5756	Terpinolene	3046	586-62-9	p-Mentha-1,4(8)-diene, 1-Methyl-4-isopropylidene-1-cyclohexene, Tereben, 1,4(8)-Terpadiene, Terpinene
5757	Terpinolene (natural)			
5758	Terpinyl acetate	3047	8007-35-0	p-Menth-1-en-8-yl acetate
5759	Terpinyl acetate (natural)	3047	8007-35-0	
5760	alpha-Terpinyl anthranilate	3048	14481-52-8	p-Mentha-1-en-8-yl 2-aminobenzoate, p-Menth-1-en-8-yl anthranilate, Terpinyl 2-aminobenzoate, Terpinyl o-aminobenzoate, Terpinyl anthranilate
5761	Terpinyl butyrate	3049	2153-28-8	p-Menth-1-en-8-ol butyrate, p-Menth-1-en-8-yl butyrate
5762	Terpinyl cinnamate	3051	10024-56-3	p-Menth-1-en-8-yl cinnamate, p-Menth-1-en-8-yl 3-phenylpropenoate, Terpinyl beta-phenylacrylate, Terpinyl 3-phenylpropenoate
5763	Terpinyl formate	3052	2153-26-6	p-Menth-1-en-8-yl formate
5764	Terpinyl isobutyrate	3050	7774-65-4	p-Menth-1-en-8-yl isobutyrate
5765	Terpinyl isovalerate	3054	1142-85-4	p-Menth-1-en-8-yl isopentanoate, p-Menth-1-en-8-yl isovalerate, p-Menth-1-en-8-yl 3-methylbutanoate, p-Menth-1-en-8-yl 3-methylbutyrate, Terpinyl isopentanoate, Terpinyl isovalerianate
5766	Terpinyl methyl ether		14576-08-0	
5767	Terpinyl propionate	3053	80-27-3	p-Menth-1-en-8-ol propionate, p-Menth-1-en-8-yl propanoate, p-Menth-1-en-8-yl propionate
5768	Terpinyl valerate			
5769	3-(4-t-Butylphenyl) propanal		18127-01-0	
5770	ortho-Tertiary amyl cyclohexanyl acetate		67874-72-0	
5771	delta-Tetradecalactone	3590	2721-22-4	5-Hydroxytetradecanoic acid lactone

Sl.No.	Material Name	FEMA	CAS	Synonyms
5772	Tetradecane		629-59-4	
5773	1-Tetradecanol		112-72-1	
5774	2-Tetradecanone		2345-27-9	
5775	Tetradeca-2,5,8-trienal			
5776	Tetradec-2-enal	4209	64461-99-0	
5777	2-Tetradecen-1-al		64461-99-0	2-Tetradecenal
5778	(Z)-8-Tetradecenal	4066		
5779	9-Tetradecen-5-olide	4448	15456-70-9	5-Hydroxytetradec-9-enoic acid lactone, 6-(Non-4-en-1-yl)tetrahydro-2H-pyran-2-one, Tetrahydro-6-(4-nonenyl)-2H-pyran-2-one
5780	1,2,5,6-Tetrahydrocuminic acid	3731	71298-42-5	4-Isopropyl-3-cyclohexene-1-carboxylic acid, 4-(1-Methylethyl)-3-cyclohexene-1-carboxylic acid
5781	4,5,6,7-Tetrahydro-3,6-dimethylbenzofuran	3235	494-90-6	Menthofuran
5782	4,4a-5,9-b-Tetrahydro-2,4-dimethyl-indeno-(1,2-d)-1,3-dioxin		27606-09-3	Magnolan
5783	Tetrahydrofurfuryl acetate	3055	637-64-9	Tetrahydro-2-furylmethyl acetate
5784	Tetrahydrofurfuryl alcohol	3056	97-99-4	Tetrahydro-2-furan carbinol, Tetrahydro-2-furanmethanol, Tetrahydro-2-furylmethanol, THFA
5785	Tetrahydrofurfuryl butyrate	3057	2217-33-6	Tetrahydro-2-furylmethyl n-butanoate
5786	Tetrahydrofurfuryl cinnamate	3320	65505-25-1	Tetrahydrofurfuryl 3-phenylpropenoate, Tetrahydro-2-furylmethyl cinnamate, Tetrahydro-2-furylmethyl 3-phenylpropenoate
5787	2-Tetrahydrofurfuryl 2-mercaptopropionate	4535	99253-91-5	Tetrahydrofuran-2-yl methyl 2-sulfanylpropanoate
5788	Tetrahydrofurfuryl phenylacetate		5421-00-1	
5789	Tetrahydrofurfuryl propionate	3058	637-65-0	Tetrahydrofurfuryl propanoate, 2-Tetrahydrofurylmethyl propionate
5790	Tetrahydrogeranial		5988-91-0	3,7-Dimethyloctan-1-al, Tetrahydrocitrinal
5791	Tetrahydro geranyl acetate		20780-49-8	
5792	Tetrahydrogeranyl butyrate		67874-80-0	3,7-Dimethyl-1-octanyl butyrate
5793	1,1'-(Tetrahydro-6a-hydroxy-2,3a,5-trimethylfuro[2,3-d]-1,3-dioxole-2,5-diyl)bis-ethanone	4303	18114-94-3	Biacetyl trimer, 2,5-Diacetyl-3a,5,6,6a-tetrahydro-6a-hydroxy-2,3a,5-trimethylfuro[2,3-d]-1,3-dioxole, Diacetyl trimer

Sl.No.	Material Name	FEMA	CAS	Synonyms
5794	4,4a,5,9b-Tetrahydroindeno(1,2-d)-1,3-dioxin		18096-62-3	Dihydroindeny1-2,4-dioxane, Florindal, Indoflor, Indolal
5795	Tetrahydroionol		4361-23-3	
5796	Tetrahydroionyl acetate		68555-59-9	
5797	Tetrahydrojasmone		13074-63-0	
5798	Tetrahydrolavandulol		40853-55-2	
5799	Tetrahydrolavandulyl acetate		2780-48-7	3,7-Dimethyloctan-3-yl acetate, Tetrahydrolinaly1 acetate, Tetrahydromugyl acetate
5800	Tetrahydrolinalool	3060	78-69-3	3,7-Dimethyloctan-3-ol
5801	Tetrahydro-4-methyl-2-(2-methyl-1-propenyl)-(2H)pyran	3236	16409-43-1	Rosenoxid inaktiv, Rose oxide, Rose oxide BRI, cis-Rose oxide
5802	Tetrahydro-4-methyl-2-phenyl-2H-pyran		94201-73-7	
5803	Tetrahydromyrcenol		18479-57-7	Tetrahydromuguol Tetrahydro-allo-ocimenol,
5804	(±)-Tetrahydronootkatone	4840		(±)-6-Isopropyl-4,4a-dimethyl-decalin-2-one, (±)-Octahydro-4,4a-dimethyl-6-(1-methylethyl)-2(1H)-naphthalenone
5805	3,4,5,6-Tetrahydropseudoionone	3059	4433-36-7	Dihydrogeranylacetone, Tetrahydro-pseudo-ionone
5806	5,6,7,8-Tetrahydroquinoxaline	3321	34413-35-9	Cyclohexapyrazine, Tetrahydroquinoxaline
5807	Tetrahydrothiophene		110-01-0	
5808	Tetrahydrothiopyran		1613-51-0	
5809	2,2,6,7-Tetramethylbicyclo[4.3.0]nona-4,9(1)-dien-8-ol	4521	97866-86-9	
5810	2,2,6,7-Tetramethylbicyclo[4.3.0]nona-4,9(1)-dien-8-one	4522	97844-16-1	
5811	4-(2,5,6,6-Tetramethyl-1-cyclohexenyl)-3-buten-2-one		79-70-9	
5812	2,5,9,10-Tetramethyl-5,6-dehydro-1-decalyl formate		65405-72-3	
5813	3,3,5,5-Tetramethyl-4-(1-ethoxyethenyl)cyclohexanone		36306-87-3	
5814	Tetramethylethylcyclohexenone (mixture of isomers)	3061	17369-60-7	
5815	2,3,5,5-Tetramethylhexanal		68391-29-7	Aldehyd TMH

Sl.No.	Material Name	FEMA	CAS	Synonyms
5816	2,2,5,5-Tetramethyl-4-isopropyl-1,3-dioxane		61920-45-4	
5817	3,5,6,6-Tetramethyl-4-methylene-2-heptanol		81787-06-6	
5818	2,4,4,7-Tetramethyl-6,8-nonadiene-3-one oxime		81783-01-9	
5819	(+/-)-2,6,10,10-Tetramethyl-1-oxaspiro[4.5]deca-2,6-dien-8-one	4662	80722-28-7	(+/-)-8,9-Dehydrotheaspirone
5820	2,3,5,6-Tetramethylpyrazine	3237	1124-11-4	
5821	2,3,5,6-Tetramethylpyrazine (natural)	3237	1124-11-4	
5822	2,5,5,8 α -Tetramethyl-6,7,8,8 α -tetrahydro[5H]-1-benzopyran		5552-30-7	
5823	Thaumatococin	3732	53850-34-3	
5824	Thaumatococin (natural)	3732		
5825	Thaumatococin B-recombinant	3814	553850-34-3	Contour, r-Thaumatococin
5826	Theaspirane	3774	36431-72-8	2,6,10,10-Tetramethyl-1-oxaspiro[4.5]dec-6-ene
5827	2-Thienylmercaptan		6258-63-5	
5828	Theobromine	3591	83-67-0	3,7-Dihydro-3,7-dimethyl(1H)purine-2,6-dione, 3,7-Dimethylxanthine
5829	Theobromine (natural)	3591	83-67-0	
5830	Thiaguaiacol			
5831	Thiamine hydrochloride	3322	67-03-8	Thiamine, Vitamin B1 hydrochloride
5832	Thiazole	3615	288-47-1	
5833	2-Thienyl disulfide	3323	6911-51-9	2,2'-Dithiodithiophene
5834	1-(2-Thienyl)ethanethiol	4646	94089-02-8	2-(1-Mercaptoethyl)thiophene, 1-(2'-Thienyl)ethylmercaptan, (Thiophen-2-yl)ethanethiol
5835	2-Thienyl mercaptan	3062	7774-74-5	2-Mercaptothiophene, 2-Thienylthiol, Thiophene-2-thiol
5836	2-Thienylmethanol	4642	636-72-6	2-(Hydroxymethyl) thiophene, 2-Thiophenemethanol, (Thiophen-2-yl)methanol
5837	Thioacetic acid	4210	507-09-5	Ethanethioic acid, Thioessigsäure
5838	Thiocaprolactam		7203-96-5	
5839	Thiocitronellol		102790-02-3	
5840	2,2'-(Thiodimethylene)difuran	3238	13678-67-6	Difurfuryl monosulfide, Difurfuryl sulfide, 2-Furfuryl monosulfide
5841	Thiogermanol	3472	39067-80-6	3,7-Dimethyl-2,6-octadien-1-thiol
5842	Thiophene		110-02-1	

Sl.No.	Material Name	FEMA	CAS	Synonyms
5843	2-Thiophenecarbaldehyde		98-03-3	
5844	Thistle, blessed (Cnicus benedictus L.)		84603-57-6	Cnicus benedictus, Holy thistle
5845	Thistle extract, blessed (Cnicus benedictus L.)			Holy thistle, extract
5846	Thistle extract solid, blessed (Cnicus benedictus L.)			Holy thistle, extract solid
5847	Thistle oil, blessed (Cnicus benedictus L.)			Holy thistle, oil
5848	d,l-Threonine		80-68-2	
5849	L-Threonine	4710	72-19-5	[R-(R*,S*)]-2-Amino-3-hydroxybutanoic acid, Butanoic acid, 2-amino-3-hydroxy, [R-(R*,S*)]-, Threonine, L-(-)-Threonine, (S)-Threonine
5850	4-Thujanol	3239	546-79-2	Sabinene hydrate
5851	4-Thujanol (natural)	3239	546-79-2	
5852	Thujone		546-80-5	
5853	Thujyl alcohol	4079	21653-20-3	Bicyclo[3.1.0]hexan-3-ol, 4-methyl-1-(1-methyl-ethyl)-, [1S-(1alpha,3alpha,4alpha,5alpha)]-, Bicyclo[3.1.0]hexan-3-ol, 4-methyl-1-(1-methyl-ethyl)-, (1S,3S,4R,5R)-, (-)-3-Neoisothujanol, 3-Neoisothujanol, (-)-, 3-Thujanol, (1S,3S,4R,5R)-(-)-, (-)-Thujol
5854	Thyme (Thymus vulgaris L.)	3063	84929-51-1	
5855	Thyme extract/oleoresin (Thymus spp.)		8007-46-3	
5856	Thyme CO2 extract, red (Thymus vulgaris)		8007-46-3	
5857	Thyme extract, wild or creeping (Thymus serpyllum L.)			
5858	Thyme oil, Morocco (Thymus satureioides Corron)			
5859	Thyme oil (Thymus vulgaris or T. zygis L.)	3064	8007-46-3	
5860	Thyme oil, red (Thymus zygis Loefl L.)		8007-46-3	
5861	Thyme oil, white (Thymus zygis L.)	3065	8007-46-3	
5862	Thyme oil, wild or creeping (Thymus serpyllum L.)			Serpolet
5863	Thyme oleoresin, grey (Thymus zygis L.)			

Sl.No.	Material Name	FEMA	CAS	Synonyms
5864	Thyme oleoresin, red (<i>Thymus vulgaris</i>)		8007-46-3	
5865	Thyme, wild or creeping (<i>Thymus serpyllum</i> L.)			
5866	Thymol	3066	89-83-8	3-p-Cymenol, alpha-Cymophenol, 3-Hydroxy-p-cymene, 6-Isopropyl-m-cresol, 2-Isopropyl-5-methylphenol, 1-Methyl-3-hydroxy-4-isopropylbenzene, 5-Methyl-2-isopropylphenol, Thyme camphor
5867	Thymol (natural)	3066	89-83-8	
5868	Tobacco absolute (<i>Nicotiana</i> spp)		8037-19-2	
5869	Tobacco concrete (<i>Nicotiana</i> spp)		8037-19-2	
5870	Tobacco oil pyrogenated (<i>Nicotiana</i> spp.)		8037-19-2	
5871	d,l-alpha-Tocopherol		10191-41-0	Vitamin E
5872	Tolualdehyde glyceryl acetal (mixed isomers)	3067	1333-09-1	2-(o,m,p-Cresyl)-5-hydroxydioxane (and) 2-(o,m,p-Cresyl)-4-hydroxymethyldioxolane
5873	m-Tolualdehyde	3068	620-23-5	3-Methylbenzaldehyde, m-Tolyl aldehyde
5874	o-Tolualdehyde	3068	529-20-4	2-Methylbenzaldehyde
5875	p-Tolualdehyde	3068	104-87-0	4-Methylbenzaldehyde, p-Methylbenzaldehyde
5876	Tolualdehydes (mixed o,m,p)	3068	1334-78-7	Methylbenzaldehyde (mixed 2,3,4), Toluic aldehyde (mixed 2,3,4)
5877	Tolu balsam absolute (<i>Myroxylon balsanum</i> L.)		9000-64-0	
5878	Tolu balsam extract (<i>Myroxylon</i> spp.)	3069	9000-64-0	
5879	Tolu balsam gum (<i>Myroxylon</i> spp.)	3070	9000-64-0	Myroxylon spp.
5880	o-Toluenethiol	3240	137-06-4	2-Methylthiophenol, o-Tolylmercaptan
5881	p-Tolylacetaldehyde	3071	104-09-6	p-Methylphenylacetaldehyde
5882	o-Tolyl acetate	3072	533-18-6	Acetyl-o-cresol, o-Cresol acetate, o-Cresyl acetate, o-Cresylic acetate, 2-Methylphenyl
5883	4-(p-Tolyl)-2-butanone	3074	7774-79-0	p-Methylbenzylacetone
5884	o-Tolyl dodecanoate			
5885	o-Tolyl isobutyrate	3753	36438-54-7	o-Cresyl isobutyrate, 2-Methylphenyl 2-methylpropanoate
5886	p-Tolyl laurate	3076	10024-57-4	p-Cresyl dodecanoate, p-Cresyl laurate, p-Methylphenyl dodecanoate, p-Tolyl dodecanoate
5887	p-Tolyl octanoate	3733	59558-23-5	p-Cresyl caprylate, p-Cresyl octanoate, p-Methylphenyl octanoate

Sl.No.	Material Name	FEMA	CAS	Synonyms
5888	m-Tolyl phenylacetate			
5889	o-Tolyl phenylacetate			
5890	p-Tolyl phenylacetate	3077	101-94-0	p-Cresyl phenylacetate, p-Cresyl alpha-toluate, p-Methylphenyl phenylacetate, p-Methylphenyl alpha-toluate, Narcissin, p-Tolyl alpha-toluate
5891	2-(p-Tolyl)-propionaldehyde	3078	99-72-9	p-Methylhydratropaldehyde, p-Methyl-alpha-methylphenylacetaldehyde, 2-(p-Methylphenyl)propionaldehyde
5892	o-Tolyl salicylate	3734	617-01-6	o-Cresyl salicylate, 2-Methylphenyl 2-hydroxybenzoate
5893	Tomato extract		90131-63-8	
5894	Tomato leaf absolute			
5895	Tomato lycopene	4110		
5896	Tonka bean absolute (<i>Dipteryx odorata</i>)		8046-22-8	
5897	Tonka beans			
5898	Tormentill extract (<i>Potentilla tormentilla</i>)			
5899	Tragacanth (<i>Astragalus</i> spp.)	3079	9000-65-1	<i>Astragalus</i> spp.
5900	Trans-4-tert-Butylcyclohexanol	4724		trans-1-tert-Butylcyclohexan-4-ol, trans-p-tert-Butylcyclohexanol
5901	(+/-)-trans- and cis-4,8-Dimethyl-3,7-nonadien-2-ol	4102	67845-50-5	(+/-)E- and Z-4,8-Dimethyl-3,7-nonadien-2-ol, 3,7-Nonadien-2-ol, 4,8-dimethyl- (E,Z)-
5902	trans-alpha-Damascone	4088		2-Buten-1-one, 1-(2,6,6-trimethyl-2-cyclohexen-1-yl)-(2E)-, trans-1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)but-2-en-1-one
5903	(+/-)-trans- and cis-5-(2,2-Dimethylcyclopropyl)-3-methyl-2-pentenal	4105	877-60-1	
5904	(+/-)-trans- and cis-4,8-Dimethyl-3,7-nonadien-2-yl acetate	4103		3,7-Nonadien-2-ol, 4,8-dimethyl-, acetate (E,Z)-
5905	trans-1-Ethyl-2-methylpropyl 2-butenate	4818		1-Ethyl-2-methylpropyl (2E)-2-butenic acid ester
5906	trans-2-trans-4-Heptadien-1-ol	4127		(E,E)-Hepta-2,4-dien-1-ol
5907	Treemoss absolute (<i>Evernia furfuraceae</i> spp)		68648-41-9	

Sl.No.	Material Name	FEMA	CAS	Synonyms
5908	Treemoss concrete (Evernia furfuraceae spp)		68648-41-9	
5909	Trehalose, dehydrate	4600	6138-23-4	alpha-D-Glucopyranosyl-alpha-Dglucopyranoside,dihydrate, 2-(Hydroxymethyl)-6-[3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxyoxane-3,4,5-triol,dihydrate, Mycose, alpha,alpha-Trehalose, alpha-D-Trehalose, D-(+)-Trehalose, D-Trehalose
5910	Triacetin	2007	102-76-1	Enzactin, Glyceryl triacetate, 1,2,3-Propanetriol triacetate, Vanay
5911	Tributyl acetylcitrate	3080	77-90-7	Acetyl tributyl citrate, Citroflex A-4
5912	Tributyryn	2223	60-01-5	Butyryn, Glyceryl tributyrate
5913	Tricalcium phosphate	3081	7758-87-4	Calcium phosphate, tribase
5914	Trichloromethyl phenyl carbonyl acetate		90-17-5	Rosone
5915	Tricyclodecane dimethanol		26896-84-0	Dimethylol tricyclo(5.2.1.0(2,6)) decane
5916	Tricyclodecenyl acetate		5413-60-5	Cycloverdol acetate, Dicyclopentadienyl acetate, Dihydro-nor-dicyclopentadienyl acetate, Greenyl acetate, Herbaflorat
5917	Tricyclodecenyl propionate		17511-60-3	Dicyclopentadienyl propionate, Hexahydro-4,7-methanoinden-6-yl propionate, 3a,4,5,6,7,7a-Hexahydro-4,7-methano[1H]inden-6-yl propionate, Verdyll propionate
5918	Tricyclodecenyl isobutyrate		67634-20-2	Hexahydro-4,7-methanoinden-5-yl isobutyrate
5919	Tricyclopentadiene		7158-25-0	
5920	Tricyclopentadiene propionate		17511-60-3	Herbylpropionat
5921	2,4-Tridecadien-1-al		60998-24-5	Trideca-4,7-dienal
5922	4Z,7Z-trideca-4,7-dienal	4735		cis,cis-4,7-tridecadienal, (Z,Z)-4,7-tridecadienal, (4Z,7Z)-tridecadienal
5923	3,12-Tridecadienonitrile		124358-45-8	Mandaril
5924	delta-Tridecalactone		7370-92-5	5-Hydroxytridecanoic acid lactone, Tetrahydro-6-octyl[2H]pyran-2-one
5925	Tridecanal	4335	10486-19-8	
5926	Tridecanoic acid	4336	638-53-9	n-Tridecanoic acid, n-Tridecoic acid, Tridecylic acid
5927	2-Tridecanone	3388	593-08-8	Hendecyl methyl ketone, Methyl undecyl ketone
5928	2-Tridecanone (natural)	3388	593-08-8	
5929	2-trans-4-cis-7-cis-Tridecatrienal	3638	13552-96-0	
5930	trans-2-Tridecenal	3082	7774-82-5	Aldehyde C-13, 3-Decylacrolein
5931	2-Tridecenoic acid			

Sl.No.	Material Name	FEMA	CAS	Synonyms
5932	trans-2-Tridecenol	4617	68480-25-1	2-Tridecen-1-ol, trans-2-Tridecen-1-ol, (E)-2-Tridecen-1-ol
5933	Tridecen-2-one		60437-21-0	
5934	2-Tridecenonitrile		22629-49-8	Ozonil
5935	2-Tridecenyl acetate		68480-26-2	
5936	Triethanolamine salicylate		2174-16-5	
5937	Triethylamine	4246	121-44-8	
5938	Triethyl citrate (natural)	3083	77-93-0	
5939	Triethyl citrate	3083	77-93-0	Ethyl citrate, Triethyl 2-hydroxy-1,2,3-propanetricarboxylate
5940	Triethylene glycol		112-27-6	
5941	Triethyl orthoformate		122-51-0	
5942	Triethylthialdine	4748	54717-17-8	4H-1,3,5-Dithiazine, 2,4,6-triethyldihydro-, 2,4,6-Triethyl-1,3,5-dithiazinane
5943	2,4,6-Triethyl-1,3,5-trithiazine			
5944	1,2,6-Trihydroxyhexane		106-69-4	1,2,6-Hexanetriol
5945	2,4,6-Triisobutyl-5,6-dihydro-4H-1,3,5-dithiazine	4017	74595-94-1	
5946	2,4,6-Triisobutyl-5,6-dihydro-4H-1,3,5-dithiazine (natural)	4017	74595-94-1	
5947	2,4,6-Triisobutyl-1,3,5-trioxane		68165-40-2	
5948	Trimenal		32803-39-7	
5949	3,4,5-Trimethoxybenzaldehyde		86-81-7	
5950	1,2,3-Trimethoxybenzene		634-36-6	
5951	2,4,5-Trimethoxypropen-1-ylbenzene		5273-86-9	beta-Asarone
5952	1,2,4-Trimethoxy-5-prop-1-enylbenzene		2883-98-9	alpha-Asarone, 1,2,4-Trimethyl-5-prop-1-enylbenzene
5953	Trimethylamine	3241	75-50-3	
5954	Trimethylamine (natural)	3241		
5955	Trimethylamine oxide	4245	1184-78-7	
5956	p,alpha,alpha-Trimethylbenzyl alcohol	3242	1197-01-9	p-Cymen-8-ol, Dimethyl p-tolyl carbinol, 8-Hydroxy-p-cymene, 2-(4-Methylphenyl)-2-propanol, 2-p-Tolyl-2-propanol
5957	1,7,7-Trimethylbicyclo(4.4.0)dec-3-yl acetate		24238-95-7	
5958	2,6,6-Trimethylbicyclo[3.1.1]heptane		473-55-2	Pinane

Sl.No.	Material Name	FEMA	CAS	Synonyms
5959	2,6,6-Trimethylbicyclo[3.1.1]heptan-2-ol			
5960	4-(2,3,3-Trimethyl-6-bicyclo[2.2.1]heptanyl)cyclohexan-1-ol		66068-84-6	
5961	(1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl)cyclohexanol		68877-29-2	
5962	3-(5,5,6-Trimethylbicyclo[2.2.1]hept-2-yl)cyclohexan-1-ol		3407-42-9	Cyclohexanol, (5,5,6-trimethyl-2-norbornyl), IBCH (Rhodia), Isocamphylcyclohexanol, Sandel
5963	3-(4,7,7-Trimethylbicyclo[4.1.0]hept-3-ylidene)propionitrile		68804-02-4	
5964	Trimethyl citrate		1587-20-8	
5965	Trimethylcyclododecadienol		71735-68-9	Boisanol
5966	1-(2,6,6-Trimethyl-2,4-cyclohexadienyl)-2-buten-1-one			
5967	4-(2,6,6-Trimethyl-1,3-cyclohexadienyl)-3-butenone-2		1203-08-3	
5968	(2,6,6-Trimethylcyclohexa-1,3-dienyl)methanal	3389	116-26-7	Dehydro-beta-cyclocitral, 2,2,6-Trimethyl-1,3-cyclohexadien-1-carboxaldehyde, 2,2,6-Trimethyl-4,6-cyclohexadien-1-carboxaldehyde, 1,1,3-Trimethyl-2-formylcyclohexa-2,4-diene
5969	cis-3,3,5-Trimethylcyclohexanol		933-48-2	
5970	3,5,5-Trimethylcyclohexanol	3962	116-02-9	Homomenthol
5971	2,2,6-Trimethylcyclohexanone	3473	2408-37-9	
5972	3,3,5-Trimethylcyclohexanone		873-94-9	
5973	2,6,6-Trimethyl-1-cyclohexen-1-acetaldehyde	3474	472-66-2	beta-Homocyclocitral
5974	3,5,6-Trimethylcyclohex-3-encarbaldehyde		67634-07-5	Neocyclocitral
5975	2,6,6-Trimethyl-1-cyclohexen-1-carboxaldehyde	3639	432-25-7	beta-Cyclocitral
5976	2,6,6-Trimethyl-1 or 2-cyclohexen-1-carboxaldehyde	3639	432-25-7	Cyclocitral, beta-Cyclocitral, 2,6,6-Trimethyl-1-cyclohexene-1-carboxaldehyde, 2,6,6-Trimethyl-2-cyclohexene-1-carboxaldehyde
5977	2,6,6-Trimethyl-2-cyclohexen-1-carboxaldehyde	3639	432-24-6	
5978	Trimethylcyclohexene		68555-95-3	
5979	2,6,6-Trimethylcyclohex-2-ene-1,4-dione	3421	1125-21-9	
5980	2,5,6-Trimethylcyclohex-2-en-1-one		20030-30-2	

Sl.No.	Material Name	FEMA	CAS	Synonyms
5981	2,6,6-Trimethyl-2-cyclohexenone-1		20013-73-4	
5982	trans-1-(2,4,4-Trimethyl-2-cyclohexenyl)-2-butene-1-one		39872-57-6	Isodamascone
5983	4-(2,4,6-Trimethyl-4-cyclohexen-1-yl)-3-buten-2-one		67801-38-1	
5984	4-(2,6,6-Trimethylcyclohex-1-enyl)but-2-en-4-one	3243	23726-92-3	1-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-2-buten-1-one
5985	4-(2,6,6-Trimethyl-2(1)-cyclohexen-1-yl)-3-buten-2-one		8013-90-9	
5986	4-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-3-buten-2-one		8013-90-9	
5987	3,5,6-Trimethyl-3-cyclohexenyl methyl ketone		68480-14-8	
5988	3,3,5-Trimethylcyclohexyl acetate	4512	67589-96-5	Homomenthyl acetate, 3,3,5-Trimethylcyclohexanyl acetate
5989	3,5,5-Trimethylcyclohexyl n-butyrate			
5990	3,3,5-Trimethylcyclohexylethylether		67583-77-1	
5991	1-(2,2,6-Trimethylcyclohexyl)-3-hexanol		70788-30-26	Timberol
5992	3,5,5-Trimethylcyclohexyl isovalerate			
5993	α ,3,3-Trimethylcyclohexylmethyl acetate		25225-10-9	Cyclohexane-1-methanol- α ,3,3-trimethyl, acetate
5994	α ,3,3-Trimethylcyclohexylmethyl formate		25225-08-5	Cyclohexane-1-methanol, α ,3,3-trimethyl, formate
5995	3,5,5-Trimethylcyclohexyl propionate			
5996	2,2,3-Trimethylcyclopent-3-enylacetonitrile		15373-31-6	Cantryl, 3-Cyclopentene-1-acetonitrile, 2,2,3-trimethyl
5997	5-(2,2,3-Trimethylcyclopent-3-en-1-yl)-3-methylpentan-2-ol		65113-99-7	
5998	4-(2,2,3-Trimethylcyclopentyl)butanoic acid	4529	957136-80-0	
5999	3,7,9-Trimethyl-1,6-decadien-3-ol		56105-46-5	
6000	2,4,6-Trimethyldihydro-1,3,5(4H)-dithiazine	4018	638-17-5	Dihydro-2,4,6-trimethyl-1,3,5(4H)dithiazine
6001	1,1,6-Trimethyl-1,2-dihydronaphthalene		30364-38-6	
6002	2,2,4-Trimethyl-1,3-dioxacyclopentane	3441	1193-11-9	Acetone propylene glycol ketal, 2,2,4-Trimethyl-1,3-dioxolane
6003	3,7,11-Trimethyl-2,6,10-dodecatrienal	4019	19317-11-4	Farnesal, 3,7,11-Trimethyl dodecatrien-2,6,10- α -1
6004	3,7,11-Trimethyldodeca-2,6,10-trienyl acetate	4213	29548-30-9	Farnesol acetate, Farnesyl acetate
6005	Trimethylhexahydrospiro[1,3]dioxane-5,2-[1H]naphthalene		73970-38-4	

Sl.No.	Material Name	FEMA	CAS	Synonyms
6006	3,5,5-Trimethylhexanal	3524	58430-94-7	
6007	3,5,5-Trimethyl-1-hexanol	3324	3452-97-9	Isononanol, Trimethylhexyl alcohol
6008	3,5,5-Trimethylhexyl acetate		58430-49-7	Nonanyl acetate, 3,5,5-Trimethyl-1-hexanyl acetate
6009	3,5,5-Trimethylhexyl formate		67355-38-8	
6010	2,6,6-Trimethyl-2-hydroxycyclohexanone	4531	7500-42-7	2-Hydroxy-2,6,6-trimethylcyclohexanone
6011	2,3,3-Trimethylindanone	4556	54440-17-4	2,3-Dihydro-2,3,3-trimethyl-1H-inden-1-one, Safraleine, 2,3,3-Trimethyl-2,3-dihydro-1H-inden-1-one
6012	trans- and cis-2,4,8-Trimethyl-3,7-nona-dien-2-ol	4211		
6013	(+/-)-2,4,8-Trimethyl-7-nonen-2-ol	4212		
6014	alpha-3,3-Trimethyl-2-norbornanemethanol		66062-78-0	
6015	1,3,3-Trimethyl-2-norbornanyl acetate	3390	13851-11-1	Fenchyl acetate
6016	2,5,5-Trimethyloctahydro-2-naphthol		71832-76-3	Ambrinol, Octahydro-2,5,5-trimethyl-2-naphthalenol
6017	1,5,9-Trimethyl-13-oxabicyclo[10.1.0]trideca-4,8-diene		71735-79-0	
6018	Trimethyloxazole	4394	20622-84-4	2,4,5-Trimethyloxazole
6019	2,4,5-Trimethyl-3-oxazoline	3525	22694-96-8	2,4,5-Trimethyl-2,5-dihydrooxazole
6020	6,10,14-Trimethyl-2-pentadecanone		502-69-02	
6021	2,6,10-Trimethyl-2,6,10-pentadecatrien-14-one	3442	762-29-8	Farnesylacetone, 6,10,14-Trimethyl-5,9,13-pentadecatrien-2-one
6022	2,3,4-Trimethyl-3-pentanol	3903	3054-92-0	Diisopropyl methyl carbinol
6023	2,2,5-Trimethyl-5-pentylcyclopentanone		65403-14-3	Veloutone
6024	2,3,6-Trimethylphenol	3963	2416-94-6	3-Hydroxypseudocumene
6025	2,4,6-Trimethylphenol	4329	527-60-6	Hydroxymesitylene, 2-Hydroxymesitylene, 1-Hydroxy-2,4,6-trimethylbenzene, Mesityl, Mesityl alcohol, 1,3,5-Trimethylphenol
6026	4-(2,2,3,6-Trimethylphenyl)-3-buten-2-one		56681-06-2	
6027	2,4,6-Trimethyl-4-phenyl-1,3-dioxane		5182-36-5	Floropal, Vertacetal
6028	2,3,5-Trimethylpyrazine	3244	14667-55-1	
6029	2,3,5-Trimethylpyrazine (natural)	3244	14667-55-1	
6030	2,4,6-Trimethylpyridine		108-75-8	
6031	4,6,6(or 4,4,6)-Trimethyltetrahydropyran-2-one		71566-51-3	

Sl.No.	Material Name	FEMA	CAS	Synonyms
6032	1,1,6-Trimethyltetralin		475-03-6	
6033	2,4,5-Trimethylthiazole	3325	13623-11-5	
6034	1,1,7-Trimethyltricyclo[2.2.1.0(2.6)]heptane		508-32-7	
6035	2,4,6-Trimethyl-1,3,5-trioxane		123-63-7	
6036	2,4,6-Trimethyl-1,3,5-trithiane		2765-04-0	
6037	2,6,10-Trimethylundeca-5,9-dienal		24048-13-3	Oncidal, Profarnesal
6038	3,6,10-Trimethyl-3,9-undecadiene-2-one		68480-10-4	
6039	2,6,10-Trimethyl-9-undecenal	4768	141-13-9	Farenal, Trimethylundecylenic aldehyde
6040	2,2,6-Trimethyl-6-vinyltetrahydropyran	3735	7392-19-0	Bois de rose oxide
6041	Tripropylamine	4247	102-69-2	
6042	2,4,6-Trithiaheptane	4214	6540-86-96	
6043	2,3,5-Trithiahexane	4021	42474-44-2	
6044	2,4,5-Trithiaoctane 1-(Methylthiomethyl)-2-propylidysulfane	4842		
6045	Trithioacetone	3475	828-26-2	2,2,4,4,6,6-Hexamethyl-1,3,5-trithiane
6046	Trithioacetone (natural)	3475	828-26-2	
6047	1,2,4-Trithiolane		289-16-7	
6048	2,2,6-Trimethyl-6-ethenyltetrahydropyran		13837-56-4	
6049	Tryptophan		73-22-3	
6050	Tuberose absolute (Polianthes tuberosa L.)		03-05-8024	
6051	Tuberose concrete (Polianthes tuberosa)		03-05-8024	
6052	Tuberose lactone	4067		
6053	Tuberose oil (Polianthes tuberosa L.)	3084	03-05-8024	Polianthes tuberosa L.
6054	Turmeric extract (Curcuma longa L.)	3086	8024-37-1	
6055	Turmeric oil (Curcuma longa L.)	3085	8024-37-1	Curcuma longa L.
6056	Turmeric oleoresin (Curcuma longa L.)	3087	84775-52-0	
6057	Turpentine gum (Pinus spp.)	3088	9005-90-7	Pinus spp.
6058	Turpentine oil, rectified (Pinus spp.)			
6059	Turpentine, steam-distilled (Pinus spp.)	3089	8006-64-2	
6060	Tyramine	4215	51-67-2	
6061	L-Tyrosine	3736	60-18-4	beta-(p-Hydroxyphenyl)alanine
6062	L-Tyrosine (natural)	3736	60-18-4	

Sl.No.	Material Name	FEMA	CAS	Synonyms
6063	trans,trans-2,4-Undecadienal (natural)	3422	13162-46-4	
6064	trans,trans-2,4-Undecadien-1-al		30361-29-6	
6065	trans,trans-2,4-Undecadienal	3422	13162-46-4	
6066	2,5-Undecadienal			
6067	2,4-Undecadien-1-ol		59376-58-8	
6068	2,3-Undecadione	3090	7493-59-6	Acetylnonanoyl, Acetylnonyryl, Acetylparlaryonyl
6069	delta-Undecalactone	3294	710-04-3	5-n-Hexyl-5-hydroxypentanoic acid lactone, delta-n-Hexyl-delta-valerolactone
6070	gamma-Undecalactone	3091	104-67-6	Aldehyde C-14 (so called), 1,4-Hendecanolide, gamma-n-Heptyl-gamma-butyrolactone, 4-n-Heptyl-4-hydroxybutanoic acid lactone, 4-Hydroxyundecanoic acid lactone, Peach aldehyde, Undecanolide-1,4, gamma-Undecyl lactone
6071	gamma-Undecalactone (natural)	3091	104-67-6	
6072	Undecanal	3092	112-44-7	Aldehyde C-11 undecyl, Hendecanal, n-Undecylaldehyde, Undecylic aldehyde
6073	Undecanal diethyl acetal		53405-97-3	
6074	Undecanal dimethyl acetal		52517-67-6	
6075	Undecanal (natural)	3092	112-44-7	
6076	Undecanal propyleneglycol acetal	4374	74094-62-5	
6077	Undecane		1120-21-4	
6078	Undecanoic acid	3245	112-37-8	Hendecanoic acid, n-Undecoic acid, n-Undecylic acid
6079	Undecanoic acid (natural)			
6080	2-Undecanol	3246	1653-30-1	Methyl nonyl carbinol, sec-Undecylic alcohol
6081	2-Undecanone	3093	112-12-9	2-Hendecanone, Methyl nonyl ketone, MNK, Nonyl methyl ketone, 2-Oxoundecane, Undecanone
6082	2-Undecanone (natural)	3093	112-12-9	
6083	6-Undecanone	4022	927-49-1	Amyl ketone, Pentyl ketone
6084	1,3,5,7-Undecatetraene	4652		
6085	1,3,5-Undecatriene	3795	16356-11-9	Galbanolene

Sl.No.	Material Name	FEMA	CAS	Synonyms
6086	2-Undecenal	3423	2463-77-6	2-Undecen-1-al
6087	2-Undecenal (natural)	3423		
6088	8-Undecen-1-al		58296-81-4	
6089	9-Undecenal	3094	143-14-6	Hendecen-9-al
6090	10-Undecenal	3095	112-45-8	Aldehyde C-11 undecylenic, 10-Hendecenal, Undecylenic aldehyde
6091	10-Undecenal (natural)	3095	112-45-8	
6092	10-Undecenoic acid	3247	112-38-9	10-Hendecenoic acid, 10-Undecylenic acid
6093	10-Undecenoic acid (natural)	3247	112-38-9	Undecylenic acid
6094	1-Undecen-3-ol			
6095	2-Undecen-1-ol	4068	37617-03-1	
6096	10-Undecen-1-ol		1112-43-6	Undecylenic alcohol
6097	10-Undecen-2-one	4406	36219-73-5	
6098	2-Undecen-1-yl acetate		68480-27-3	
6099	10-Undecen-1-yl acetate	3096	112-19-6	Acetate C-11, 10-Hendecenyl acetate, 10 Undecenyl acetate, 10-Undecylenic acetate
6100	Undecyl acetate		1731-81-3	
6101	Undecyl alcohol	3097	112-42-5	Alcohol C-11 undecylic, Decyl carbinol, 1-Hendecanol, 1-Undecanol
6102	Undecyl alcohol (natural)			
6103	Undecyl butyrate		09-02-5461	
6104	Undecylenic aldehyde dicitronellyl acetal		67785-67-5	Arosa
6105	Undecylenic aldehyde digeranyl acetal		67785-74-4	
6106	Undecylenic aldehyde dimethyl acetal			
6107	Undecylenyl n-butyrate			
6108	Valencene	4838	03-07-4630	
6109	Valencene	3443	03-07-4630	1,2,3,5,6,7,8,8a-Octahydro-1,8a-dimethyl-7-(1-methylethenyl)naphthalene
6110	Valencene 80 extract	4838		
6111	Valeraldehyde dibutyl acetal	4375	13112-65-7	
6112	n-Valeraldehyde	3098	110-62-3	Amyl aldehyde, Pentanal, Valeral, n-Valeric aldehyde
6113	n-Valeraldehyde (natural)	3098	110-62-3	

Sl.No.	Material Name	FEMA	CAS	Synonyms
6114	Valeraldehyde propyleneglycol acetal	4372	74094-60-3	2-Butyl-4-methyl-1,3-dioxolane
6115	Valerian root extract (<i>Valeriana officinalis</i> L.)	3099	97927-02-1	
6116	Valerian root oil (<i>Valeriana officinalis</i> L.)	3100	8008-88-6	
6117	Valeric acid	3101	109-52-4	Pentanoic acid, Propylacetic acid, Valerianic acid
6118	gamma-Valerolactone	3103	108-29-2	gamma-Methyl-gamma-butyrolactone, 4-Methyl-4-hydroxybutanoic acid lactone, Pentanolide-1,4, 4-Valerolactone, gamma-Valeryllactone
6119	d,l-Valine	3444	516-06-3	alpha-Aminoisovaleric acid, 2-Amino-3-methylbutanoic acid, 2-Amino-3-methylbutyric acid
6120	Vanilla absolute (<i>Vanilla</i> spp.)	3106	04-06-8024	
6121	Vanilla beans (<i>Vanilla fragrans</i>)	3104	84650-63-5	
6122	Vanilla extract (<i>Vanilla</i> spp.)	3105	84650-63-5	
6123	Vanilla oleoresin (<i>Vanilla</i> spp.)	3106	84650-63-5	
6124	Vanillin	3107	121-33-5	4-Hydroxy-3-methoxybenzaldehyde, 3-Methoxy-4-hydroxybenzaldehyde, Methylprotocatechuic aldehyde, Vanillaldehyde, Vanillic aldehyde
6125	Vanillin acetate	3108	881-68-5	Acetylvanillin, 3-Methoxy-4-acetoxybenzaldehyde
6126	Vanillin acetate (natural)		881-68-5	
6127	Vanillin erythro and threo butan-2,3-dial acetal	4023	62253-24-7	Vanillin butanediol acetal
6128	Vanillin isobutyrate	3754	20665-85-4	4-Isobutyryl-m-anisaldehyde, 3-Methoxy-4-isobutyrylbenzaldehyde, Vanillyl isobutyrate
6129	Vanillin isobutyrate (natural)	3754	20665-85-4	
6130	Vanillin 3-(1-menthoxy)propane-1,2-diol acetal	3904	180964-47-0	4-(1-Menthoxymethyl)-2(3-methoxy-4-hydroxyphenyl)-1,3-dioxolane, 4-[2-(Methylethyl)-5-methylcyclohexyloxy]-2,5-dioxolanyl-2-methoxyphenol
6131	Vanillin (natural)	3107	121-33-5	
6132	Vanillin propylene glycol acetal	3905	68527-74-2	2-(3-Methoxy-4-hydroxyphenyl)-4-methyl-1,3-dioxolane, 2-Methoxy-4-(4-methyl-1,3-dioxolan-2-yl)phenol
6133	Vanillyl alcohol	3737	498-00-0	4-Hydroxy-3-methoxybenzyl alcohol, 4-Hydroxy-3-methoxyphenylmethanol

Sl.No.	Material Name	FEMA	CAS	Synonyms
6134	Vanillyl butyl ether	3796	82654-98-6	4-(Butoxymethyl)-2-methoxyphenol, 2-Methoxy-4-(Butoxymethyl)phenol
6135	Vanillyl ethyl ether	3815	13184-86-6	4-(Ethoxymethyl)-2-methoxyphenol, Ethyl 4-hydroxy-3-methoxybenzyl ether, VEE
6136	Vanillylidene acetone	3738	1080-12-2	4-(4-Hydroxy-3-methoxyphenyl)but-3-en-2-one
6137	Vassoura oil (<i>Baccharis dracunculifolia</i>)			
6138	Veratraldehyde	3109	120-14-9	3,4-Dimethoxybenzaldehyde, 3,4-Dimethoxybenzenecarbal, Methylvanillin, Protocatechualdehyde dimethyl ether, Vanillin methyl ether, Veratric aldehyde
6139	Verbena (<i>Lippia citriodora</i>)		02-12-8024	<i>Lippia citriodora</i>
6140	Verbena absolute (<i>Lippia citriodora</i>)		02-12-8024	
6141	Verbena CO2 extract (<i>Lippia citriodora</i>)		02-12-8024	
6142	Verbena oil (<i>Lippia citriodora</i>)		02-12-8024	<i>Lippia citriodora</i> oils
6143	Verbena Spanish absolute (<i>Thymus hiemalis</i> L.)		8022-79-5	
6144	Verbena Spanish oil (<i>Thymus hiemalis</i> L.)		8022-79-5	
6145	Verbenol	3594	473-67-6	4-Hydroxy-2,6,6-trimethylbicyclo[1.1.3]hept-2-ene, 2-Pinen-4-ol
6146	Verbenone	4216	18309-32-5	4,6,6-Trimethylbicyclo[3.1.1]hept-3-en-2-one, Verbenon
6147	Verbenyl acetate		33522-69-9	
6148	Veronica (<i>Veronica officinalis</i> L.)			
6149	Vervain, European (<i>Veronica officinalis</i> L.)			<i>Veronica officinalis</i>
6150	Vetiver (<i>Vetiveria zizanioides</i> Stapf)			
6151	Vetiver oil (<i>Vetiveria zizanioides</i> Stapf)		8016-96-4	
6152	Vetiver oil (<i>Vetiveria zizanioides</i> (L.) Nash), acetylated		68917-34-0	
6153	Vetiverol	4217	89-88-3	
6154	Vetiverol (natural)	4217	89-88-3	
6155	Vetiveryl acetate (<i>Vetiveria zizanioides</i> (L.) Nash)	4218	62563-80-8	Khusimyl acetate
6156	o-Vinylanisole		612-15-7	2-Methoxystyrene, o-Methoxystyrene, 1-Methoxy-2-vinylbenzene
6157	1-Vinyl-2-(1-methylpropyl)cyclohexyl acetate		37172-02-4	Dihydroambrate
6158	4-Vinylphenol	3739	2628-17-3	4-Ethenylphenol, 4-Hydroxystyrene

Sl.No.	Material Name	FEMA	CAS	Synonyms
6159	2-Vinylpyrazine		4177-16-6	
6160	Violet leaves absolute (<i>Viola odorata</i> L.)	3110	06-08-8024	
6161	Violet, swiss (<i>Viola calcarata</i> L.)			
6162	Violettyne MIP		166432-52-6	1,3-Undecadien-5-yne
6163	Viridiflorol		552-02-3	
6164	Walnut hull extract (<i>Juglans</i> spp.)	3111	84012-43-1	<i>Juglans</i> spp.
6165	Walnut leaves extract (<i>Juglans</i> spp.)		84012-43-1	
6166	Walnut oil (<i>Juglans regia</i>)			
6167	Watercress extract (<i>Nasturtium officinale</i>)		68917-72-6	
6168	Watermelon concentrate			
6169	Watermelon distillate		90244-99-8	
6170	Watermelon extract			
6171	Watermelon ketone		28940-11-6	
6172	Western red cedar (<i>giant arborvitae</i>) wood oil		68917-35-1	
6173	Wheat bran extract			
6174	Wheatgerm oil (<i>Triticum vulgare</i>)			
6175	Whiskey lactone	3803	39212-23-2	5-Butyldihydro-4-methylfuran-2(3H)one, 4-Hydroxy-3-methyloctanoic acid lactone, beta-Methyl-gamma-octalactone, 3-Methyl-1,4-octalactone
6176	White champaca leaf oil			
6177	White champaca oil (flower oil)			
6178	White grape concentrate			
6179	White tea extract			
6180	Wild angelica (<i>Angelica silvestris</i> L.)			<i>Angelica silvestris</i>
6181	Williams Christ pear extract (<i>Pyrus communis</i>)			
6182	Wintergreen extract (<i>Gaultheria procumbens</i> L.)	3112	90045-28-6	Checkerberry extract
6183	Wintergreen oil (<i>Gaultheria procumbens</i> L.)	3113	90045-28-6	Checkerberry oil, <i>Gaultheria procumbens</i> L.
6184	Witch hazel water (<i>Hamamelis virginiana</i> L.)		84696-19-5	<i>Hamamelis</i>
6185	Woodruff, sweet, extract (<i>Asperula odorata</i> L.)		90028-83-4	<i>Asperula odorata</i> , <i>Galium odoratum</i> (L.) Scop.
6186	Wormseed			
6187	Wormwood (<i>Artemisia absinthium</i> L.)	3114	8008-93-3	Absinthium, <i>Artemisia absinthium</i> L.

Sl.No.	Material Name	FEMA	CAS	Synonyms
6188	Wormwood extract (<i>Artemisia absinthium</i> L.)	3115	8008-93-3	Absinthium extract
6189	Wormwood oil (<i>Artemisia absinthium</i> L.)	3116	8008-93-3	Absinthium oil
6190	Woundwort (<i>Anthyllis vulneraria</i> L.)		89957-45-9	Anthyllis vulneraria
6191	Xanthan gum		11138-66-2	Keltrol, Kelzan, Xantural
6192	2,4-Xylenol		105-67-9	
6193	2,5-Xylenol	3595	95-87-4	2,5-Dimethylphenol, 1-Hydroxy-2,5-dimethylbenzene
6194	2,6-Xylenol	3249	576-26-1	2,6-Dimethylphenol, 2-Hydroxy-1,3-dimethylbenzene
6195	3,4-Xylenol	3596	95-65-8	3,4-Dimethylphenol, 1-Hydroxy-3,4-dimethylbenzene
6196	3,5-Xylenol		108-68-9	3,5-Dimethylphenol
6197	Xylitol		87-99-0	
6198	d-Xylose	3606	58-86-6	2,3,4,5-Tetrahydroxypentanal
6199	d-Xylose (natural)	3606	58-86-6	
6200	Yarmor pine oil (<i>Pinus palustris</i> Mill.)		03-09-8002	
6201	Yarrow herb (<i>Achillea millefolium</i> L.)	3117	84082-83-7	<i>Achillea millefolium</i> L.
6202	Yarrow oil (<i>Achillea millefolium</i>)		09-07-8022	Milfoil oil
6203	Yerba santa fluid extract (<i>Eriodictyon californicum</i> (Hook and Arn) Torr)	3118		
6204	Ylang-ylang absolute (<i>Cananga odorata</i> Hook)		8006-81-3	
6205	Ylang-ylang oil (<i>Cananga odorata</i> (Lamark) Hook. f. and Thomson)	3119	8006-81-3	<i>Cananga odorata</i> Hook. F. and Thomas
6206	Yucca mohave extract (<i>Yucca</i> spp.)	3121	90147-57-2	Cactus root extract, Plantarome
6207	Yucca tree, joshua (<i>Yucca brevifolia</i> Engelm.)	3120	90147-57-2	
6208	Yuzunone	4691		6,8,10-Undecatrien-3-one, (8E)-, (6E/Z,8E)-Undeca-6,8,10-trien-3-one
6209	Yuzu oil (<i>Citrus junos</i> Sieb ex Tanaka)			
6210	Zdravetz oil (<i>Geranium macrorism</i>)		8000-46-2	
6211	Zedoary (<i>Curcuma zedoaria</i> (Berg.) Rosc.)	3122	84961-49-9	<i>Curcuma zedoaria</i> (Berg.) Rosc.
6212	Zedoary bark extract (<i>Curcuma zedoaria</i> (Berg.) Rosc.)	3123	84961-49-9	
6213	Zinc oxide neutral		1314-13-2	
6214	Zingerone	3124	122-48-5	4-Hydroxy-3-methoxybenzylacetone, 2-(4-Hydroxy-3-methoxyphenyl)ethyl methyl ketone, 3-Methoxy-4-hydroxybenzylacetone, 4-(3-Methoxy-4-hydroxyphenyl)-2-butanone, Vanillylacetone



LIST OF INGREDIENTS FOR FLAVOURS



Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1	Allyl Propionate	2408-20-0	0001	2040	09.233
2	Allyl Butyrate	2051-78-7	0002	2021	09.054
3	Allyl Hexanoate	123-68-2	0003	2032	09.244
4	Allyl Heptanoate	142-19-8	0004	2031	09.097
5	Allyl Octanoate	4230-97-1	0005	2037	09.119
6	Allyl Nonanoate	7493-72-3	0006	2036	09.109
7	Allyl Isovalerate	2835-39-4	0007	2045	09.489
8	Allyl Sorbate	7493-75-6	0008	2041	09.312
9	Allyl 10-Undecenoate	7493-76-7	0009	2044	09.146
10	Allyl Tiglate	7493-71-2	0010	2043	09.493
11	Allyl 2-Ethylbutyrate	7493-69-8	0011	2029	09.410
12	Allyl cyclohexane acetate	4728-82-9	0012	2023	09.482
13	Allyl Cyclohexane Propionate	2705-87-5	0013	2026	09.498
14	Allyl Cyclohexane Butyrate	7493-65-4	0014	2024	09.411
15	Allyl Cyclohexanevalerate	7493-68-7	0015	2027	09.469
16	Allyl Cyclohexane hexanoate	7493-66-5	0016	2025	09.492
17	Allyl Phenylacetate	1797-74-6	0017	2039	09.790
18	Allyl Phenoxyacetate	7493-74-5	0018	2038	09.701
19	Allyl Cinnamate	1866-31-5	0019	2022	09.741
20	Allyl Anthranilate	7493-63-2	0020	2020	09.719
21	Allyl 2-Furoate	4208-49-5	0021	2030	13.004
22	Benzaldehyde	100-52-7	0022	2127	05.013
23	Benzyl Acetate	140-11-4	0023	2135	09.014
24	Benzyl Benzoate	120-51-4	0024	2138	09.727
25	Benzyl Alcohol	100-51-6	0025	2137	02.010
26	Ethyl Formate	109-94-4	0026	2434	09.072
27	Ethyl Acetate	141-78-6	0027	2414	09.001
28	Ethyl Propionate	105-37-3	0028	2456	09.121
29	Ethyl Butyrate	105-54-4	0029	2427	09.039
30	Ethyl Pentanoate	539-82-2	0030	2462	09.147
31	Ethyl Hexanoate	123-66-0	0031	2439	09.060
32	Ethyl Heptanoate	106-30-9	0032	2437	09.093
33	Ethyl Octanoate	106-32-1	0033	2449	09.111

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
34	Ethyl Nonanoate	123-29-5	0034	2447	09.107
35	Ethyl Decanoate	110-38-3	0035	2432	09.059
36	Ethyl Undecanoate	627-90-7	0036	3492	09.274
37	Ethyl Dodecanoate	106-33-2	0037	2441	09.099
38	Ethyl Tetradecanoate	124-06-1	0038	2445	09.104
39	Ethyl Hexadecanoate	628-97-7	0039	2451	09.193
40	Ethyl Octadecanoate	111-61-5	0040	3490	09.210
41	Ethanol	64-17-5	0041	2419	02.078
42	Isoamyl Formate	110-45-2	0042	2069	09.162
43	Isoamyl Acetate	123-92-2	0043	2055	09.024
44	Isoamyl Propionate	105-68-0	0044	2082	09.136
45	Isoamyl Butyrate	106-27-4	0045	2060	09.055
46	Isoamyl Hexanoate	2198-61-0	0046	2075	09.070
47	Isoamyl Octanoate	2035-99-6	0047	2080	09.120
48	Isoamyl nonanoate	124-06-1	0048	2078	09.110
49	Isoamyl Isobutyrate	2050-01-3	0049	3507	09.419
50	Isoamyl Isovalerate	659-70-1	0050	2085	09.463
51	Isoamyl 2-Methylbutyrate	27625-35-0	0051	3505	09.530
52	Isoamyl Alcohol	123-51-3	0052	2057	02.003
53	Citronellyl Formate	105-85-1	0053	2314	09.078
54	Geranyl Formate	105-86-2	0054	2514	09.076
55	Neryl Formate	2142-94-1	0055	2776	09.212
56	Rhodinyll Formate	141-09-3	0056	2984	09.079
57	Citronellyl Acetate	150-84-5	0057	2311	09.012
58	Geranyl Acetate	105-87-3	0058	2509	09.011
59	Neryl Acetate	141-12-8	0059	2773	09.213
60	Rhodinyll Acetate	141-11-7	0060	2981	09.033
61	Citronellyl Propionate	141-14-0	0061	2316	09.129
62	Geranyl Propionate	105-90-8	0062	2517	09.128
63	Neryl Propionate	105-91-9	0063	2777	09.169
64	Rhodinyll Propionate	105-89-5	0064	2986	09.141
65	Citronellyl Butyrate	141-16-2	0065	2312	09.049
66	Geranyl Butyrate	106-29-6	0066	2512	09.048

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
67	Neryl Butyrate	999-40-6	0067	2774	09.167
68	Rhodinyl Butyrate	141-15-1	0068	2982	09.927
69	Citronellyl Valerate	7540-53-6	0069	2317	09.151
70	Geranyl Hexanoate	10032-02-7	0070	2515	09.067
71	Citronellyl Isobutyrate	97-89-2	0071	2313	09.421
72	Geranyl Isobutyrate	2345-26-8	0072	2513	09.431
73	Neryl Isobutyrate	2345-24-6	0073	2775	09.424
74	Rhodinyl Isobutyrate	138-23-8	0074	2983	09.940
75	Geranyl Isovalerate	109-20-6	0075	2518	09.453
76	Neryl Isovalerate	3915-83-1	0076	2778	09.471
77	Rhodinyl Isovalerate	7778-96-3	0077	2987	09.465
78	Dimethyl-2,6-octadien-1-yl 2-ethylbutanoate	73019-14-4	0078	3339	09.515
79	Formic acid	64-18-6	0079	2487	08.001
80	Acetaldehyde	75-07-0	0080	2003	05.001
81	Acetic acid	64-19-7	0081	2006	08.002
82	Propyl alcohol	71-23-8	0082	2928	02.002
83	Propionaldehyde	123-38-6	0083	2923	05.002
84	Propionic acid	79-09-4	0084	2924	08.003
85	Butyl alcohol	71-36-3	0085	2178	02.004
86	Butyraldehyde	123-72-8	0086	2219	05.003
87	Butyric acid	107-92-6	0087	2221	08.005
88	Amyl alcohol	71-41-0	0088	2056	02.040
89	Valeraldehyde	110-62-3	0089	3098	05.005
90	Valeric acid	109-52-4	0090	3101	08.007
91	Hexyl alcohol	111-27-3	0091	2567	02.005
92	Hexanal	66-25-1	0092	2557	05.008
93	Hexanoic acid	142-62-1	0093	2559	08.009
94	Heptyl alcohol	111-70-6	0094	2548	02.021
95	Heptanal	111-71-7	0095	2540	05.031
96	Heptanoic acid	111-14-8	0096	3348	08.028
97	1-Octanol	111-87-5	0097	2800	02.006
98	Octanal	124-13-0	0098	2797	05.009
99	Octanoic acid	124-07-2	0099	2799	08.010

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
100	Nonyl alcohol	143-08-8	0100	2789	02.007
101	Nonanal	124-19-6	0101	2782	05.025
102	Nonanoic acid	112-05-0	0102	2784	08.029
103	1-Decanol	112-30-1	0103	2365	02.024
104	Decanal	112-31-2	0104	2362	05.010
105	Decanoic acid	334-48-5	0105	2364	08.011
106	Undecyl alcohol	112-42-5	0106	3097	02.057
107	Undecanal	112-44-7	0107	3092	05.034
108	Undecanoic acid	112-37-8	0108	3245	08.042
109	Lauryl alcohol	112-53-8	0109	2617	02.008
110	Lauric aldehyde	112-54-9	0110	2615	05.011
111	Lauric acid	143-07-7	0111	2614	08.012
112	Myristaldehyde	124-25-4	0112	2763	05.032
113	Myristic acid	544-63-8	0113	2764	08.016
114	1-Hexadecanol	36653-82-4	0114	2554	02.009
115	Palmitic acid	57-10-3	0115	2832	08.014
116	Stearic acid	57-11-4	0116	3035	08.015
117	Propyl formate	110-74-7	0117	2943	09.073
118	Butyl formate	592-84-7	0118	2196	09.163
119	n-Amyl formate	638-49-3	0119	2068	09.159
120	Hexyl formate	629-33-4	0120	2570	09.161
121	Heptyl formate	112-23-2	0121	2552	09.074
122	Octyl formate	112-32-3	0122	2809	09.075
123	cis-3-Hexenyl formate	33467-73-1	0123	3353	09.240
124	Isobutyl formate	542-55-2	0124	2197	09.164
125	Methyl acetate	79-20-9	0125	2676	09.023
126	Propyl acetate	109-60-4	0126	2925	09.002
127	Butyl acetate	123-86-4	0127	2174	09.004
128	Hexyl acetate	142-92-7	0128	2565	09.006
129	Heptyl acetate	112-06-1	0129	2547	09.022
130	Octyl acetate	112-14-1	0130	2806	09.007
131	Nonyl acetate	143-13-5	0131	2788	09.008

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
132	Decyl acetate	112-17-4	0132	2367	09.009
133	Lauryl acetate	112-66-3	0133	2616	09.010
134	cis-3-Hexenyl acetate	3681-71-8	0134	3171	09.197
135	trans-3-Heptenyl acetate	1576-77-8	0135	3493	09.275
136	10-Undecen-1-yl acetate	112-19-6	0136	3096	09.214
137	Isobutyl acetate	110-19-0	0137	2175	09.005
138	2-Methylbutyl acetate	624-41-9	0138	3644	09.286
139	Acetone	67-64-1	0139	3326	07.050
140	2-Ethylbutyl acetate	10031-87-5	0140	2425	09.025
141	Methyl propionate	554-12-1	0141	2742	09.134
142	Propyl propionate	106-36-5	0142	2958	09.122
143	Butyl propionate	590-01-2	0143	2211	09.124
144	Hexyl propionate	2445-76-3	0144	2576	09.139
145	Octyl propionate	142-60-9	0145	2813	09.126
146	Decyl propionate	5454-19-3	0146	2369	09.127
147	cis-3 & trans-2-Hexenyl propionate	33467-74-2	0147	3778	
148	Isobutyl propionate	540-42-1	0148	2212	09.125
149	Methyl butyrate	623-42-7	0149	2693	09.038
150	Propyl butyrate	105-66-8	0150	2934	09.040
151	Butyl butyrate	109-21-7	0151	2186	09.042
152	n-Amyl butyrate	540-18-1	0152	2059	09.044
153	Hexyl butyrate	2639-63-6	0153	2568	09.045
154	Heptyl butyrate	5870-93-9	0154	2549	09.166
155	Octyl butyrate	110-39-4	0155	2807	09.046
156	Decyl butyrate	5454-09-1	0156	2368	09.047
157	cis-3-Hexenyl butyrate	16491-36-4	0157	3402	09.270
158	Isobutyl butyrate	539-90-2	0158	2187	09.043
159	Methyl valerate	624-24-8	0159	2752	09.182
160	Butyl valerate	591-68-4	0160	2217	09.148
161	Propyl hexanoate	626-77-7	0161	2949	09.061
162	Butyl hexanoate	626-82-4	0162	2201	09.063

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
163	n-Amyl hexanoate	540-07-8	0163	2074	09.065
164	Hexyl hexanoate	6378-65-0	0164	2572	09.066
165	cis-3-Hexenyl hexanoate	31501-11-8	0165	3403	09.271
166	Isobutyl hexanoate	105-79-3	0166	2202	09.064
167	Methyl heptanoate	106-73-0	0167	2705	09.096
168	Propyl heptanoate	7778-87-2	0168	2948	09.095
169	Butyl heptanoate	5454-28-4	0169	2199	09.091
170	n-Amyl heptanoate	7493-82-5	0170	2073	09.098
171	Octyl heptanoate	5132-75-2	0171	2810	09.094
172	Isobutyl heptanoate	7779-80-8	0172	2200	09.092
173	Methyl octanoate	111-11-5	0173	2728	09.117
174	n-Amyl octanoate	638-25-5	0174	2079	09.112
175	Hexyl octanoate	1117-55-1	0175	2575	09.113
176	Heptyl octanoate	4265-97-8	0176	2553	09.118
177	Octyl octanoate	2306-88-9	0177	2811	09.114
178	Nonyl octanoate	7786-48-3	0178	2790	09.115
179	Methyl nonanoate	1731-84-6	0179	2724	09.108
180	Methyl laurate	111-82-0	0180	2715	09.101
181	Butyl laurate	106-18-3	0181	2206	09.100
182	Isoamyl laurate	6309-51-9	0182	2077	09.103
183	Methyl myristate	124-10-7	0183	2722	09.106
184	Butyl stearate	123-95-5	0184	2214	09.246
185	Methyl isobutyrate	547-63-7	0185	2694	09.412
186	Ethyl isobutyrate	97-62-1	0186	2428	09.413
187	Propyl isobutyrate	644-49-5	0187	2936	09.414
188	Butyl isobutyrate	97-87-0	0188	2188	09.416
189	Hexyl isobutyrate	2349-07-7	0189	3172	09.478
190	Heptyl isobutyrate	2349-13-5	0190	2550	09.420
191	trans-3-Heptenyl 2-methyl propanoate	67801-45-0	0191	3494	09.528
192	Octyl isobutyrate	109-15-9	0192	2808	09.473
193	Dodecyl isobutyrate	6624-71-1	0193	3452	09.523

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
194	Isobutyl isobutyrate	97-85-8	0194	2189	09.417
195	Methyl isovalerate	556-24-1	0195	2753	09.462
196	Ethyl isovalerate	108-64-5	0196	2463	09.447
197	Propyl isovalerate	557-00-6	0197	2960	09.448
198	Butyl isovalerate	109-19-3	0198	2218	09.449
199	Hexyl 3-methylbutanoate	10032-13-0	0199	3500	09.529
200	Octyl isovalerate	7786-58-5	0200	2814	09.451
201	Nonyl isovalerate	7786-47-2	0201	2791	09.452
202	3-Hexenyl 3- methylbutanoate	10032-11-8	0202	3498	09.505
203	2-Methylpropyl 3- methylbutyrate	589-59-3	0203	3369	09.472
204	2-Methylbutyl 3-methylbutanoate	2445-77-4	0204	3506	09.531
205	Methyl 2-methylbutyrate	868-57-5	0205	2719	09.483
206	Ethyl 2-methylbutyrate	7452-79-1	0206	2443	09.409
207	n-Butyl 2-methylbutyrate	15706-73-7	0207	3393	09.519
208	Hexyl 2-methylbutanoate	10032-15-2	0208	3499	09.507
209	Octyl 2-methylbutyrate	29811-50-5	0209	3604	09.537
210	Isopropyl 2-methylbutyrate	66576-71-4	0210	3699	09.547
211	cis-3-Hexenyl 2- methylbutanoate	53398-85-9	0211	3497	09.854
212	3-Hexenyl 2- methylbutanoate	10094-41-4	0211	3497	09.506
213	2-Methylbutyl 2- methylbutyrate	2445-78-5	0212	3359	09.516
214	Methyl 2-methylpentanoate	2177-77-7	0213	3707	09.549
215	Ethyl 2-methyl pentanoate	39255-32-8	0214	3488	09.526
216	Ethyl 3-methylpentanoate	5870-68-8	0215	3679	09.541
217	Methyl 4-methylvalerate	2412-80-8	0216	2721	09.432
218	trans-Anethole	4180-23-8	0217	2086	04.010
219	Citric acid	77-92-9	0218	2306	
220	4-Hydroxybutyric acid lactone	96-48-0	0219	3291	10.006
221	gamma-Valerolactone	108-29-2	0220	3103	10.013
222	4-Hydroxy-3-pentenoic acid lactone	591-12-8	0221	3293	10.012

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
223	5-Ethyl-3-hydroxy-4-methyl-2(5H)-furanone	698-10-2	0222	3153	10.023
224	gamma-Hexalactone	695-06-7	0223	2556	10.021
225	delta-Hexalactone	823-22-3	0224	3167	10.010
226	gamma-Heptalactone	105-21-5	0225	2539	10.020
227	gamma-Octalactone	104-50-7	0226	2796	10.022
228	4,4-Dibutyl-gamma- butyrolactone	7774-47-2	0227	2372	10.018
229	delta-Octalactone	698-76-0	0228	3214	10.015
230	gamma-Nonalactone	104-61-0	0229	2781	10.001
231	Hydroxynonanoic acid delta- lactone	3301-94-8	0230	3356	10.014
232	gamma-Decalactone	706-14-9	0231	2360	10.017
233	delta-Decalactone	705-86-2	0232	2361	10.007
234	gamma-Undecalactone	104-67-6	0233	3091	10.002
235	5-Hydroxyundecanoic acid lactone	710-04-3	0234	3294	10.011
236	gamma-Dodecalactone	2305-05-7	0235	2400	10.019
237	delta-Dodecalactone	713-95-1	0236	2401	10.008
238	6-Hydroxy-3,7- dimethyloctanoic acid lactone	499-54-7	0237	3355	10.027
239	delta-Tetradecalactone	2721-22-4	0238	3590	10.016
240	omega-Pentadecalactone	106-02-5	0239	2840	10.004
241	Omega -6- Hexadecenlactone	7779-50-2; 28645-51-4	0240	2555	10.003
242	epsilon-Decalactone	5579-78-2	0241	3613	10.029
243	epsilon-Dodecalactone	16429-21-3	0242	3610	10.028
244	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one	28664-35-9	0243	3634	10.030
245	3-Heptyldihydro-5-methyl-2(3H)-furanone	40923-64-6	0244	3350	10.026
246	5-Hydroxy-2,4-decadienoic acid delta-lactone	27593-23-3	0245	3696	10.031
247	5-Hydroxy-2-decenoic acid delta-lactone	51154-96-2; 54814-64-1	0246	3744	10.037

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
248	5-Hydroxy-7-decenoic acid delta-lactone	25524-95-2; 34686-71-0	0247	3745	10.033
249	5-Hydroxy-8-undecenoic acid delta-lactone	68959-28-4	0248	3758	10.035
250	cis-4-Hydroxy-6-dodecenoic acid lactone	18679-18-0	0249	3780	10.009
251	gamma-Methyldecalactone	7011-83-8	0250	3786	10.051
252	Isobutyl alcohol	78-83-1	0251	2179	02.001
253	Isobutyraldehyde	78-84-2	0252	2220	05.004
254	Isobutyric acid	79-31-2	0253	2222	08.006
255	2-Methylbutyraldehyde	96-17-3	0254	2691	05.049
256	2-Methylbutyric acid	116-53-0	0255	2695	08.046
257	2-Ethylbutyraldehyde	97-96-1	0256	2426	05.007
258	2-Ethylbutyric acid	88-09-5	0257	2429	08.045
259	3-Methylbutyraldehyde	590-86-3	0258	2692	05.006
260	Isovaleric acid	503-74-2	0259	3102	08.008
261	2-Methylpentanal	123-15-9	0260	3413	05.069
262	2-Methylvaleric acid	97-61-0	0261	2754	08.031
263	3-Methylpentanoic acid	105-43-1	0262	3437	08.056
264	3-Methyl-1-pentanol	589-35-5	0263	3762	02.115
265	4-Methylpentanoic acid	646-07-1	0264	3463	08.057
266	2-Methylhexanoic acid	4536-23-6	0265	3191	08.035
267	5-Methylhexanoic acid	628-46-6	0266	3572	08.061
268	2-Ethyl-1-hexanol	104-76-7	0267	3151	02.082
269	3,5,5-Trimethyl-1-hexanol	3452-97-9	0268	3324	02.055
270	3,5,5-Trimethylhexanal	5435-64-3	0269	3524	05.116
271	2-Methyloctanal	7786-29-0	0270	2727	05.024
272	4-Methyloctanoic acid	54947-74-9	0271	3575	08.063
273	3,7-Dimethyl-1-octanol	106-21-8	0272	2391	02.026
274	2,6-Dimethyloctanal	7779-07-9	0273	2390	05.023
275	4-Methylnonanoic acid	45019-28-1	0274	3574	08.062
276	2-Methylundecanal	110-41-8	0275	2749	05.077

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
277	Isopropyl alcohol	67-63-0	0277	2929	02.079
278	2-Butanone	78-93-3	0278	2170	07.053
279	2-Pentanone	107-87-9	0279	2842	07.054
280	2-Pentanol	6032-29-7	0280	3316	02.088
281	3-Hexanone	589-38-8	0281	3290	07.096
282	Hexan-3-ol	623-37-0	0282	3351	02.089
283	2-Heptanone	110-43-0	0283	2544	07.002
284	Heptan-2-ol	543-49-7	0284	3288	02.045
285	3-Heptanone	106-35-4	0285	2545	07.003
286	3-Heptanol	589-82-2	0286	3547	02.044
287	4-Heptanone	123-19-3	0287	2546	07.058
288	2-Octanone	111-13-7	0288	2802	07.019
289	2-Octanol	123-96-6	0289	2801	02.022
290	3-Octanone	106-68-3	0290	2803	07.062
291	3-Octanol	589-98-0	0291	3581	02.098
292	2-Nonanone	821-55-6	0292	2785	07.020
293	2-Nonanol	628-99-9	0293	3315	02.087
294	3-Nonanone	925-78-0	0294	3440	07.113
295	3-Decanol	1565-81-7	0295	3605	02.103
296	2-Undecanone	112-12-9	0296	3093	07.016
297	2-Undecanol	1653-30-1	0297	3246	02.086
298	2-Tridecanone	593-08-8	0298	3388	07.103
299	2-Pentadecanone	2345-28-0	0299	3724	07.137
300	3-Methyl-2-butanol	598-75-4	0300	3703	02.111
301	4-Methyl-2-pentanone	108-10-1	0301	2731	07.017
302	2,6-Dimethyl-4-heptanone	108-83-8	0302	3537	07.122
303	2,6-Dimethyl-4-heptanol	108-82-7	0303	3140	02.081
304	Isopropyl formate	625-55-8	0304	2944	09.165
305	Isopropyl acetate	108-21-4	0305	2926	09.003
306	Isopropyl propionate	637-78-5	0306	2959	09.123
307	Isopropyl butyrate	638-11-9	0307	2935	09.041

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
308	Isopropyl hexanoate	2311-46-8	0308	2950	09.062
309	Isopropyl isobutyrate	617-50-5	0309	2937	09.415
310	Isopropyl isovalerate	32665-23-9	0310	2961	09.450
311	Isopropyl myristate	110-27-0	0311	3556	09.105
312	Isopropyl tiglate	1733-25-1	0312	3229	09.513
313	3-Octyl acetate	4864-61-3	0313	3583	09.254
314	4-Pentenoic acid	591-80-0	0314	2843	08.048
315	cis-3-Hexen-1-ol	928-96-1	0315	2563	02.056
316	Hex-3-en-1-ol	544-12-7	0315	2563	02.159
317	cis-3-Hexenal	6789-80-6	0316	2561	05.075
318	3-Hexenoic acid	4219-24-3	0317	3170	08.050
319	4-Hexen-1-ol	6126-50-7	0318	3430	02.074
320	cis-4-Hexenal	4634-89-3	0319	3496	05.113
321	cis-4-Heptenal	6728-31-0	0320	3289	05.085
322	cis-3-Octen-1-ol	20125-84-2	0321	3467	02.094
323	cis-5-Octen-1-ol	64275-73-6	0322	3722	02.113
324	cis-5-Octenal	41547-22-2	0323	3749	05.128
325	cis-6-Nonen-1-ol	35854-86-5	0324	3465	02.093
326	cis-6-Nonenal	2277-19-2	0325	3580	05.059
327	4-Decenal	30390-50-2	0326	3264	05.096
328	Dec-4(cis)-enal	21662-09-9	0326	3264	05.137
329	5&6-Decenoic acid (mixture)	72881-27-7	0327	3742	08.068
330	9-Decenoic acid	14436-32-9	0328	3660	08.065
331	9-Undecenal	143-14-6	0329	3094	05.036
332	10-Undecenal	112-45-8	0330	3095	05.035
333	10-Undecenoic acid	112-38-9	0331	3247	08.039
334	Linoleic and linolenic acid (mixture)	60-33-3	0332	3380	08.041
335	Oleic acid	112-80-1	0333	2815	08.013
336	Methyl 3-hexenoate	2396-78-3	0334	3364	09.267
337	Ethyl 3-hexenoate	2396-83-0	0335	3342	09.191
338	cis-3-Hexenyl cis-3-hexenoate	61444-38-0	0336	3689	09.291

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
339	Methyl cis-4-octenoate	21063-71-8	0337	3367	09.268
340	Ethyl cis-4-octenoate	34495-71-1	0338	3344	09.265
341	Ethyl cis-4,7-octadienoate	69925-33-3	0339	3682	09.290
342	Methyl 3-nonenoate	13481-87-3	0340	3710	09.298
343	Ethyl trans-4-decenoate	76649-16-6	0341	3642	09.284
344	Methyl 9-undecenoate	5760-50-9	0342	2750	09.236
345	Ethyl 10-undecenoate	692-86-4	0343	2461	09.237
346	Butyl 10-undecenoate	109-42-2	0344	2216	09.238
347	Ethyl oleate	111-62-6	0345	2450	09.192
348	Methyl linoleate & Methyl linolenate (mixture)	238757-19-2; 301-00-8; 112-63-0	0346	3411	09.645
349	Methyl linoleate	112-63-0	0346	3411	09.645
350	Methyl linolenate	301-00-8	0346	3411	
351	Methyl-3-pentenoic acid	37674-63-8	0347	3464	08.058
352	2,6-Dimethyl-6-hepten-1-ol	36806-46-9	0348	3663	02.110
353	2,6-Dimethyl-5-heptenal	106-72-9	0349	2389	05.074
354	Ethyl 2-methyl-3-pentenoate	1617-23-8	0350	3456	09.524
355	Ethyl 2-methyl-4-pentenoate	53399-81-8	0351	3489	09.527
356	Hexyl 2-methyl-3&4- pentenoate (mixture)	58625-95-9; 58031-03-1	0352	3693	09.546
357	Ethyl 2-methyl-3,4- pentadienoate	60523-21-9	0353	3678	09.540
358	Methyl 3,7-dimethyl-6- octenoate	2270-60-2	0354	3361	09.517
359	2-Methyl-4-pentenoic acid	1575-74-2	0355	3511	08.059
360	Linalool	78-70-6	0356	2635	02.013
361	Tetrahydrolinalool	78-69-3	0357	3060	02.028
362	Linalyl formate	115-99-1	0358	2642	09.080
363	Linalyl acetate	115-95-7	0359	2636	09.013
364	Linalyl propionate	144-39-8	0360	2645	09.130
365	Linalyl butyrate	78-36-4	0361	2639	09.050
366	Linalyl isobutyrate	78-35-3	0362	2640	09.423
367	Linalyl isovalerate	1118-27-0	0363	2646	09.454

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
368	Linalyl hexanoate	7779-23-9	0364	2643	09.068
369	Linalyl octanoate	²⁷⁰ 10024-64-3	0365	2644	09.116
370	alpha-Terpineol	98-55-5	0366	3045	02.014
371	Terpinyl formate	2153-26-6	0367	3052	09.081
372	Terpinyl acetate	8007-35-0	0368	3047	09.830
373	alpha-Terpinyl acetate	80-26-2	0368	3047	09.015
374	Terpinyl propionate	80-27-3	0369	3053	09.142
375	Terpinyl butyrate	2153-28-8	0370	3049	09.052
376	Terpinyl isobutyrate	7774-65-4	0371	3050	09.425
377	Terpinyl isovalerate	1142-85-4	0372	3054	09.461
378	p-Menth-3-en-1-ol	586-82-3	0373	3563	02.096
379	p-Menth-8-en-1-ol	138-87-4	0374	3564	02.097
380	p-Menthan-2-one	499-70-7	0375	3176	07.092
381	p-Menthan-2-ol	499-69-4	0376	3562	02.071
382	Dihydrocarvone	7764-50-3	0377	3565	07.128
383	Dihydrocarveol	619-01-2	0378	2379	02.061
384	Dihydrocarvyl acetate	20777-49-5	0379	2380	09.216
385	l-Carvone	6485-40-1	0380	2249	07.147
386	Carvone	99-49-0	0380	2249	07.012
387	d-Carvone	2244-16-8	0380	2249	07.146
388	Carveol	99-48-9	0381	2247	02.062
389	Carvyl acetate	97-42-7	0382	2250	09.215
390	Carvyl propionate	97-45-0	0383	2251	09.143
391	beta-Damascone	23726-92-3	0384	3243	07.083
392	trans-1-(2,6,6-Trimethyl-1-cyclohexen-1-yl)but-2-en-1-one	23726-91-2	0384	3243	07.224
393	cis-1-(2,6,6-Trimethyl-2-cyclohexenyl)-2-butenone	23726-94-5	0385	3659	07.225
394	alpha-damascone	43052-87-5	0385	3659	07.134
395	delta-Damascone	57378-68-4	0386	3622	07.130
396	Damascenone	23696-85-7	0387	3420	07.108
397	alpha-Ionone	127-41-3	0388	2594	07.007

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
398	beta-Ionone	79-77-6; 14901-07-6	0389	2595	07.008
399	Ionone	79-76-5	0390	3175	07.091
400	alpha-Ionol	25312-34-9	0391	3624	02.105
401	beta-Ionol	22029-76-1	0392	3625	02.106
402	Dihydro-alpha-ionone	31499-72-6	0393	3628	07.132
403	Dihydro-beta-ionone	17283-81-7	0394	3626	07.131
404	Dihydro-beta-ionol	3293-47-8	0395	3627	02.107
405	Dehydrodihydroionone	20483-36-7	0396	3447	07.115
406	Dehydrodihydroionol	57069-86-0	0397	3446	02.092
407	Methyl-alpha-ionone	127-42-4; 7779-30-8	0398	2711	07.009
408	Methyl-beta- ionone	127-43-5	0399	2712	07.010
409	Methyl-delta-ionone	7784-98-7	0400	2713	07.088
410	Allyl alpha-ionone	79-78-7	0401	2033	07.061
411	1,4-Dimethyl-4-acetyl-1- cyclohexene	43219-68-7	0402	3449	
412	alpha-Irone	79-69-6	0403	2597	07.011
413	alpha-iso-Methylionone	127-51-5	0404	2714	07.036
414	Acetoin	513-86-0	0405	2008	07.051
415	2-Acetoxy-3-butanone	4906-24-5	0406	3526	09.186
416	Butan-3-one-2-yl butanoate	84642-61-5	0407	3332	09.264
417	Diacetyl	431-03-8	0408	2370	07.052
418	3-Hydroxy-2-pentanone	3142-66-3	0409	3550	07.125
419	2,3-Pentadione	600-14-6	0410	2841	07.060
420	4-Methyl-2,3-pentanedione	7493-58-5	0411	2730	07.063
421	2,3-Hexanedione	3848-24-6	0412	2558	07.018
422	3,4-Hexanedione	4437-51-8	0413	3168	07.077
423	5-Methyl-2,3-hexanedione	13706-86-0	0414	3190	07.093
424	2,3-Heptanedione	96-04-8	0415	2543	07.064
425	5-Hydroxy-4-octanone	496-77-5	0416	2587	07.065
426	2,3-Undecadione	7493-59-6	0417	3090	07.021
427	Methylcyclopentenolone	80-71-7	0418	2700	07.056

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
428	Ethylcyclo-pentenolone	21835-01-8	0419	3152	07.057
429	3,4-Dimethyl-1,2-cyclo- pentanedione	13494-06-9	0420	3268	07.075
430	3,5-Dimethyl-1,2-cyclo- pentanedione	13494-07-0	0421	3269	07.076
431	3-Ethyl-2-hydroxy-4- methylcyclopent-2-en-1-one	42348-12-9	0422	3453	07.117
432	5-Ethyl-2-hydroxy-3- methylcyclopent-2-en-1-one	53263-58-4	0423	3454	07.118
433	2-Hydroxy-2-cyclohexen-1- one	10316-66-2	0424	3458	07.119
434	1-Methyl-2,3-cyclohexadione	3008-43-3	0425	3305	07.080
435	2-Hydroxy-3,5,5-trimethyl-2- cyclohexen-1-one	4883-60-7	0426	3459	07.120
436	Menthol	89-78-1	0427	2665	02.015
437	d-neo-Menthol	2216-52-6; 20752-34-5	0428	2666	02.063
438	Menthone	10458-14-7	0429	2667	07.059
439	trans-Menthone	89-80-5	0429	2667	07.176
440	d,l-Isomenthone	491-07-6	0430	3460	07.078
441	Menthyl acetate	16409-45-3; 2623-23-6	0431	2668	09.016
442	Menthyl isovalerate	16409-46-4	0432	2669	09.455
443	l-Menthyl lactate	59259-38-0; 61597-98-6	0433	3748	09.551
444	p-Menth-1-en-3-ol	491-04-3	0434	3179	02.083
445	Piperitone	6091-50-5; 89-81-6	0435	2910	07.175
446	4-Hydroxy-3-methyloctanoic acid gamma-lactone	39212-23-2	0437	3803	10.053
447	5-Hydroxy-2-dodecenoic acid delta-lactone	16400-72-9	0438	3802	10.044
448	4-Carvomenthenol	562-74-3	0439	2248	02.072
449	2-Ethyl-1,3,3-trimethyl-2- norbornanol	18368-91-7	0440	3491	02.095
450	4-Thujanol	546-79-2	0441	3239	02.085
451	Methyl l-acetoxycyclohexyl ketone	52789-73-8	0442	3701	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
452	l-Menthol ethylene glycol carbonate	156324-78-6	0443	3805	09.842
453	(-)-Menthol 1- and 2-propylene glycol carbonate	30304-82-6	0444	3806	09.843
454	(-)-Menthone 1,2-glycerol ketal	63187-91-7	0445	3807	06.133
455	d,l-Menthone-1,2-glycerol ketal	63187-91-7	0446	3808	06.120
456	mono-Menthyl succinate	77341-67-4	0447	3810	09.616
457	1-Ethylhexyl tiglate	94133-92-3	0448	3676	09.539
458	Furfural	98-01-1	0450	2489	13.018
459	Furfuryl alcohol	98-00-0	0451	2491	13.019
460	Methyl sulfide	75-18-3	0452	2746	12.006
461	Methyl ethyl sulfide	624-89-5	0453	3860	12.154
462	Diethyl sulfide	352-93-2	0454	3825	12.113
463	Butyl sulfide	544-40-1	0455	2215	12.007
464	1,4-Dithiane	505-29-3	0456	3831	15.066
465	(1-Buten-1-yl) methyl sulfide	32951-19-2	0457	3820	12.211
466	Allyl sulfide	592-88-1	0458	2042	12.088
467	Methyl phenyl sulfide	100-68-5	0459	3873	12.162
468	Benzyl methyl sulfide	766-92-7	0460	3597	12.077
469	(3-Methylthio)propanol	505-10-2	0461	3415	12.062
470	4-(Methylthio)butanol	20582-85-8	0462	3600	12.078
471	3-(Methylthio)-1-hexanol	51755-66-9	0463	3438	12.063
472	2-Methyl-4-propyl-1,3-oxathiane	67715-80-4	0464	3578	16.030
473	2-Methylthioacetaldehyde	23328-62-3	0465	3206	12.040
474	3-(Methylthio)propionaldehyde	3268-49-3	0466	2747	12.001
475	3-(Methylthio)butanal	16630-52-7	0467	3374	12.056
476	4-(Methylthio)butanal	42919-64-2	0468	3414	12.061
477	3-Methylthiohexanal	38433-74-8	0469	3877	12.279
478	2-(Methylthio)methyl-2-butenal	40878-72-6	0470	3601	12.079
479	2,8-Dithianon-4-ene-4-carboxaldehyde	59902-01-1	0471	3483	12.065
480	Methyl 3-(methylthio)propionate	13532-18-8	0472	2720	12.002

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
481	Methylthiomethyl butyrate	74758-93-3	0473	3879	12.187
482	Methyl 4- (methylthio)butyrate	53053-51-3	0474	3412	12.060
483	Ethyl 2-(methylthio)acetate	4455-13-4	0475	3835	12.122
484	Ethyl 3- (methylthio)propionate	13327-56-5	0476	3343	12.053
485	Ethyl 4-(methylthio)butyrate	22014-48-8	0477	3681	12.084
486	3-(Methylthio)propyl acetate	16630-55-0	0478	3883	12.237
487	Methylthiomethyl hexanoate	74758-91-1	0479	3880	12.188
488	Ethyl 3-(methylthio)butyrate	233665-96-8	0480	3836	12.089
489	3-(Methylthio)hexyl acetate	51755-85-2	0481	3789	12.236
490	S-Methyl thioacetate	1534-08-3	0482	3876	12.149
491	Ethyl thioacetate	625-60-5	0483	3282	12.018
492	Methyl thiobutyrate	2432-51-1	0484	3310	12.032
493	Propyl thioacetate	2307-10-0	0485	3385	12.059
494	S-Methyl 2- methylbutanethioate	42075-45-6	0486	3708	12.086
495	S-Methyl 3- methylbutanethioate	23747-45-7	0487	3864	12.157
496	S-Methyl 4- methylpentanethioate	61122-71-2	0488	3867	12.148
497	S-Methyl hexanethioate	20756-86-9; 2432-77-1	0489	3862	12.156
498	Allyl thiopropionate	41820-22-8	0490	3329	12.101
499	Prenyl thioacetate	33049-93-3	0491	3895	12.195
500	Methylthio 2-(acetyloxy)propionate	74586-09-7	0492	3788	12.203
501	Methylthio 2-(propionyloxy)propionate	93940-60-4	0493	3790	12.227
502	3-(Acetylmercapto)hexyl acetate	136954-25-1	0494	3816	12.278
503	1-Methylthio-2-propanone	14109-72-9	0495	3882	12.244
504	1-(Methylthio)-2-butanone	13678-58-5	0496	3207	12.041
505	4-(Methylthio)-2-butanone	34047-39-7	0497	3375	12.057
506	4,5-Dihydro-3(2H) thiophenone	1003-04-9	0498	3266	15.012
507	2-Methyltetrahydrothiophen- 3-one	13679-85-1	0499	3512	15.023
508	4-(Methylthio)-4-methyl-2- pentanone	23550-40-5	0500	3376	12.058

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
509	Sodium 4-(methylthio)-2-oxobutanoate	51828-97-8; 583-92-6	0501	3881	12.176
510	Di(butan-3-one-1-yl) sulfide	40790-04-3	0502	3335	12.052
511	o-(Methylthio)phenol	1073-29-6	0503	3210	12.042
512	S-Methyl benzothioate	5925-68-8	0504	3857	12.150
513	2-(Methylthiomethyl)-3-phenylpropenal	65887-08-3	0505	3717	12.087
514	Menthone-8-thioacetate	94293-57-9	0506	3809	12.201
515	Methylsulfinylmethane	67-68-5	0507	3875	12.175
516	Methyl mercaptan	74-93-1	0508	2716	12.003
517	Propanethiol	107-03-9	0509	3521	12.071
518	2-Propanethiol	75-33-2	0510	3897	12.197
519	1-Butanethiol	109-79-5	0511	3478	12.010
520	2-Methyl-1-propanethiol	513-44-0	0512	3874	12.173
521	3-Methylbutanethiol	541-31-1	0513	3858	12.171
522	2-Pentanethiol	2084-19-7	0514	3792	12.192
523	2-Methyl-1-butanethiol	1878-18-8	0515	3303	12.048
524	Cyclopentanethiol	1679-07-8	0516	3262	12.029
525	3-Methyl-2-butanethiol	2084-18-6	0517	3304	12.049
526	1-Hexanethiol	111-31-9	0518	3842	12.132
527	2-Ethylhexanethiol	7341-17-5	0519	3833	12.128
528	2,3 or 10-Mercaptopinane	23832-18-0; 72361-41-2; 6588-78-9	0520	3503	12.035
529	3-Mercaptopinane	72361-41-2	0520	3503	
530	Allyl mercaptan	870-23-5	0521	2035	12.004
531	Prenylthiol	5287-45-6	0522	3896	12.170
532	1-p-Menthene-8-thiol	71159-90-5	0523	3700	12.085
533	Thiogeraniol	39067-80-6	0524	3472	12.064
534	Benzenethiol	108-98-5	0525	3616	12.080
535	Benzyl mercaptan	100-53-8	0526	2147	12.005
536	Phenethyl mercaptan	4410-99-5	0527	3894	12.194
537	o-Toluenethiol	137-06-4	0528	3240	12.027

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
538	2-Ethylthiophenol	4500-58-7	0529	3345	12.054
539	2,6-(Dimethyl)thiophenol	118-72-9	0530	3666	12.082
540	2-Naphthalenethiol	91-60-1	0531	3314	12.033
541	1,2-Ethanedithiol	540-63-6	0532	3484	12.066
542	bis(Methylthio)methane	1618-26-4	0533	3878	12.118
543	2-Methyl-1,3-dithiolane	5616-51-3	0534	3705	15.034
544	1,3-Propanedithiol	109-80-8	0535	3588	12.076
545	1,2-Propanedithiol	814-67-5	0536	3520	12.070
546	1,2-Butanedithiol	16128-68-0	0537	3528	12.072
547	1,3-Butanedithiol	24330-52-7	0538	3529	12.073
548	2,3-Butanedithiol	4532-64-3	0539	3477	12.022
549	1,6-Hexanedithiol	1191-43-1	0540	3495	12.067
550	1,8-Octanedithiol	1191-62-4	0541	3514	12.034
551	1,9-Nonanedithiol	3489-28-9	0542	3513	12.069
552	Trithioacetone	828-26-2	0543	3475	15.009
553	3-Mercapto-3-methyl-1-butanol	34300-94-2	0544	3854	12.137
554	3-Mercaptohexanol	51755-83-0	0545	3850	12.217
555	2-Mercapto-3-butanol	37887-04-0	0546	3502	12.024
556	alpha-Methyl-beta-hydroxypropyl alpha-methyl-beta-mercaptopropyl sulfide	54957-02-7	0547	3509	12.036
557	4-Methoxy-2-methyl-2-butanethiol	94087-83-9	0548	3785	12.145
558	3-Mercapto-3-methylbutyl formate	50746-10-6	0549	3855	12.138
559	2,5-Dihydroxy-1,4-dithiane	40018-26-6	0550	3826	15.134
560	2-Mercaptopropionic acid	79-42-5	0551	3180	12.039
561	Ethyl 2-mercaptopropionate	19788-49-9	0552	3279	12.046
562	Ethyl 3-mercaptopropionate	5466-06-8	0553	3677	12.083
563	3-Mercaptohexyl acetate	136954-20-6	0554	3851	12.234
564	3-Mercaptohexyl butyrate	136954-21-7	0555	3852	12.235
565	3-Mercaptohexyl hexanoate	136954-22-8	0556	3853	12.251
566	1-Mercapto-2-propanone	24653-75-6	0557	3856	12.143

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
567	3-Mercapto-2-butanone	40789-98-8	0558	3298	12.047
568	2-Keto-4-butanethiol	34619-12-0	0559	3357	12.055
569	3-Mercapto-2-pentanone	67633-97-0	0560	3300	12.031
570	p-Mentha-8-thiol-3-one	38462-22-5	0561	3177	12.038
571	2,5-Dimethyl-2,5-dihydroxy-1,4-dithiane	55704-78-4	0562	3450	15.006
572	Sodium 3-mercapto- oxopropionate	10255-67-1	0563	3901	
573	Dimethyl disulfide	624-92-0	0564	3536	12.026
574	Methyl propyl disulfide	2179-60-4	0565	3201	12.019
575	Propyl disulfide	629-19-6	0566	3228	12.014
576	Diisopropyl disulfide	4253-89-8	0567	3827	12.109
577	Allyl methyl disulfide	2179-58-0	0568	3127	12.037
578	Methyl 1-propenyl disulfide	5905-47-5	0569	3576	12.075
579	Propenyl propyl disulfide	5905-46-4	0570	3227	12.044
580	Methyl 3-methyl-1-butenyl disulfide	233666-09-6	0571	3865	12.218
581	Allyl disulfide	2179-57-9	0572	2028	12.008
582	3,5-Dimethyl-1,2,4-trithiolane	23654-92-4	0573	3541	15.025
583	3-Methyl-1,2,4-trithiane	43040-01-3	0574	3718	15.036
584	Dicyclohexyl disulfide	2550-40-5	0575	3448	12.028
585	Methyl phenyl disulfide	14173-25-2	0576	3872	12.161
586	Benzyl methyl disulfide	699-10-5	0577	3504	12.068
587	Phenyl disulfide	882-33-7	0578	3225	12.043
588	Benzyl disulfide	150-60-7	0579	3617	12.081
589	2-Methyl-2- (methyldithio)propanal	67952-60-7	0580	3866	12.168
590	Ethyl 2- (methyldithio)propionate	23747-43-5	0581	3834	12.121
591	Dimethyl trisulfide	3658-80-8	0582	3275	12.013
592	Methyl ethyl trisulfide	31499-71-5	0583	3861	12.155
593	Methyl propyl trisulfide	17619-36-2	0584	3308	12.020
594	Dipropyl trisulfide	6028-61-1	0585	3276	12.023
595	Allyl methyl trisulfide	34135-85-8	0586	3253	12.045
596	Diallyl trisulfide	2050-87-5	0587	3265	12.009

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
597	Diallyl polysulfides	72869-75-1	0588	3533	12.074
598	Diallyl pentasulfide	118686-45-6	0588	3533	
599	2-Oxobutyric acid	600-18-0	0589	3723	08.066
600	Methyl 2-hydroxy-4- methylpentanoate	40348-72-9	0590	3706	09.548
601	Methyl 2-oxo-3- methylpentanoate	3682-42-6	0591	3713	09.550
602	Citronelloxyacetaldehyde	7492-67-3	0592	2310	05.079
603	3-Oxobutanal dimethyl acetal	5436-21-5	0593	3381	06.038
604	Ethyl 3-hydroxybutyrate	5405-41-4	0594	3428	09.522
605	Ethyl acetoacetate	141-97-9	0595	2415	09.402
606	Butyl acetoacetate	591-60-6	0596	2176	09.403
607	Isobutyl acetoacetate	7779-75-1	0597	2177	09.404
608	Isoamyl acetoacetate	2308-18-1	0598	3551	09.401
609	Geranyl acetoacetate	10032-00-5	0599	2510	09.405
610	Methyl 3-hydroxyhexanoate	21188-58-9	0600	3508	09.532
611	Ethyl 3-hydroxyhexanoate	2305-25-1	0601	3545	09.535
612	Ethyl 3-oxohexanoate	3249-68-1	0602	3683	09.542
613	Ethyl 2,4-dioxohexanoate	13246-52-1	0603	3278	09.514
614	3-(hydroxymethyl)-2- heptanone	65405-68-7	0604	2804	
615	1,3-Nonanediol acetate (mixed esters)	1322-17-4	0605	2783	09.225
616	Levulinic acid	123-76-2	0606	2627	08.023
617	Ethyl levulinate	539-88-8	0607	2442	09.435
618	Butyl levulinate	2052-15-5	0608	2207	09.436
619	1,4-Nonanediol diacetate	67715-81-5	0609	3579	09.280
620	Hydroxycitronellol	107-74-4	0610	2586	02.047
621	Hydroxycitronellal	107-75-5	0611	2583	05.012
622	Hydroxycitronellal dimethyl acetal	141-92-4	0612	2585	06.011
623	Hydroxycitronellal diethyl acetal	7779-94-4	0613	2584	06.010
624	Diethyl malonate	105-53-3	0614	2375	09.490
625	Butyl ethyl malonate	17373-84-1	0615	2195	09.441
626	Dimethyl succinate	106-65-0	0616	2396	09.445

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
627	Diethyl succinate	123-25-1	0617	2377	09.444
628	Fumaric acid	110-17-8	0618	2488	08.025
629	l-Malic acid	97-67-6; 6915-15-7	0619	2655	08.017
630	Diethyl malate	7554-12-3	0620	2374	09.439
631	Tartaric acid (D-, (-)-, D-, meso-	87-69-4; 133-37-9	0621	3044	08.018
632	Diethyl tartrate	87-91-2	0622	2378	09.446
633	Adipic acid	124-04-9	0623	2011	08.026
634	Diethyl sebacate	110-40-7	0624	2376	09.475
635	Dibutyl sebacate	109-43-3	0625	2373	09.474
636	Ethylene brassylate	105-95-3	0626	3543	09.533
637	Aconitic acid	499-12-7	0627	2010	08.033
638	Ethyl aconitate (mixed esters)	1321-30-8	0628	2417	09.510
639	Triethyl citrate	77-93-0	0629	3083	09.512
640	Tributyl acetylcitrate	77-90-7	0630	3080	09.511
641	3-Methyl-2-oxobutanoic acid	759-05-7	0631	3869	08.051
642	3-Methyl-2-oxopentanoic acid	1460-34-0; 39748-49-7	0632	3870	08.093
643	4-Methyl-2-oxopentanoic acid	816-66-0	0633	3871	08.052
644	2-Oxopentanedioic acid	328-50-7	0634	3891	08.037
645	3-Hydroxy-2-oxopropionic acid	1113-60-6	0635	3843	08.086
646	3-Phenyl-1-propanol	122-97-4	0636	2885	02.031
647	3-Phenylpropyl formate	104-64-3	0637	2895	09.084
648	3-Phenylpropyl acetate	122-72-5	0638	2890	09.032
649	3-Phenylpropyl propionate	122-74-7	0639	2897	09.138
650	3-Phenylpropyl isobutyrate	103-58-2	0640	2893	09.428
651	3-Phenylpropyl isovalerate	5452-07-3	0641	2899	09.467
652	3-Phenylpropyl hexanoate	6281-40-9	0642	2896	09.071
653	Methyl 3-phenylpropionate	103-25-3	0643	2741	09.746
654	Ethyl 3-phenylpropionate	2021-28-5	0644	2455	09.747
655	3-Phenylpropionaldehyde	104-53-0	0645	2887	05.080

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
656	3-Phenylpropionic acid	501-52-0	0646	2889	08.032
657	Cinnamyl alcohol	104-54-1	0647	2294	02.017
658	Cinnamaldehyde ethylene glycol acetal	5660-60-6	0648	2287	06.014
659	Cinnamyl formate	104-65-4	0649	2299	09.085
660	Cinnamyl acetate	103-54-8	0650	2293	09.018
661	Cinnamyl propionate	103-56-0	0651	2301	09.133
662	Cinnamyl butyrate	103-61-7	0652	2296	09.053
663	Cinnamyl isobutyrate	103-59-3	0653	2297	09.470
664	Cinnamyl isovalerate	140-27-2	0654	2302	09.459
665	Cinnamyl phenylacetate	7492-65-1	0655	2300	09.708
666	Cinnamaldehyde	104-55-2	0656	2286	05.014
667	Cinnamic acid	621-82-9	0657	2288	08.022
668	Methyl cinnamate	103-26-4	0658	2698	09.740
669	Ethyl cinnamate	103-36-6	0659	2430	09.730
670	Propyl cinnamate	7778-83-8	0660	2938	09.731
671	Isopropyl cinnamate	7780-06-5	0661	2939	09.732
672	Butyl cinnamate	538-65-8	0663	2192	09.733
673	Isobutyl cinnamate	122-67-8	0664	2193	09.734
674	Isoamyl cinnamate	7779-65-9	0665	2063	09.742
675	Heptyl cinnamate	10032-08-3	0666	2551	09.782
676	Cyclohexyl cinnamate	7779-17-1	0667	2352	09.744
677	Linalyl cinnamate	78-37-5	0668	2641	09.736
678	Terpinyl cinnamate	10024-56-3	0669	3051	09.737
679	Benzyl cinnamate	103-41-3	0670	2142	09.738
680	Phenethyl cinnamate	103-53-7	0671	2863	09.743
681	3-Phenylpropyl cinnamate	122-68-9	0672	2894	09.745
682	Cinnamyl cinnamate	122-69-0	0673	2298	09.739
683	alpha-Amylcinnamyl alcohol	101-85-9	0674	2065	02.030
684	5-Phenylpentanol	10521-91-2	0675	3618	02.051
685	alpha-Amylcinnamyl formate	7493-79-0	0676	2066	09.090
686	alpha-Amylcinnamyl acetate	7493-78-9	0677	2064	09.026

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
687	alpha-Amylcinnamyl isovalerate	7493-80-3	0678	2067	09.468
688	3-Phenyl-4-pentenal	939-21-9	0679	3318	05.103
689	3-(p-Isopropylphenyl)propionaldehyde	7775-00-0	0680	2957	05.094
690	alpha-Amylcinnamaldehyde dimethyl acetal	91-87-2	0681	2062	06.013
691	p-Methylcinnamaldehyde	1504-75-2	0682	3640	05.122
692	alpha- Methylcinnamaldehyde	101-39-3	0683	2697	05.050
693	alpha-Butylcinnamaldehyde	7492-44-6	0684	2191	05.039
694	alpha-Amylcinnamaldehyde	122-40-7	0685	2061	05.040
695	alpha-Hexylcinnamaldehyde	101-86-0	0686	2569	05.041
696	p-Methoxycinnamaldehyde	1963-36-6	0687	3567	05.118
697	o-Methoxycinnamaldehyde	1504-74-1	0688	3181	05.048
698	p-Methoxy-alpha-methyl-cinnamaldehyde	65405-67-6	0689	3182	05.051
699	Phenol	108-95-2	0690	3223	04.041
700	o-Cresol	95-48-7	0691	3480	04.027
701	m-Cresol	108-39-4	0692	3530	04.026
702	p-Cresol	106-44-5	0693	2337	04.028
703	p-Ethylphenol	123-07-9	0694	3156	04.022
704	o-Propylphenol	644-35-9	0695	3522	04.046
705	p-Propylphenol	645-56-7	0696	3649	04.050
706	2-Isopropylphenol	88-69-7	0697	3461	04.044
707	o-Tolyl acetate	533-18-6	0698	3072	09.228
708	p-Tolyl acetate	140-39-6	0699	3073	09.036
709	o-Tolyl isobutyrate	36438-54-7	0700	3753	09.480
710	p-Tolyl isobutyrate	103-93-5	0701	3075	09.429
711	p-Tolyl 3-methylbutyrate	55066-56-3	0702	3387	09.518
712	p-Tolyl octanoate	59558-23-5	0703	3733	09.301
713	p-Tolyl laurate	10024-57-4	0704	3076	09.102
714	p-Tolyl phenylacetate	101-94-0	0705	3077	09.709
715	1-Hydroxy-2,5- dimethylbenzene	95-87-4	0706	3595	04.019

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
716	2,6-Xylenol	576-26-1	0707	3249	04.042
717	3,4-Xylenol	95-65-8	0708	3596	04.048
718	Thymol	89-83-8	0709	3066	04.006
719	Carvacrol	499-75-2	0710	2245	04.031
720	p-Vinylphenol	2628-17-3	0711	3739	04.057
721	Resorcinol	108-46-3	0712	3589	04.047
722	Guaiacol	90-05-1	0713	2532	04.005
723	o-(Ethoxymethyl)phenol	20920-83-6	0714	3485	04.045
724	2-Methoxy-4-methylphenol	93-51-6	0715	2671	04.007
725	4-Ethylguaiacol	2785-89-9	0716	2436	04.008
726	2-Methoxy-4-propylphenol	2785-87-7	0717	3598	04.049
727	Guaiacyl acetate	613-70-7	0718	3687	09.174
728	Guaiacyl phenylacetate	4112-89-4	0719	2535	09.711
729	Hydroquinone monoethylether	622-62-8	0720	3695	04.037
730	2,6-Dimethoxyphenol	91-10-1	0721	3137	04.036
731	4-Methyl-2,6-dimethoxyphenol	6638-05-7	0722	3704	04.053
732	4-Ethyl-2,6-dimethoxyphenol	14059-92-8	0723	3671	04.052
733	4-Propyl-2,6-dimethoxyphenol	6766-82-1	0724	3729	04.056
734	2-Methoxy-4-vinylphenol	7786-61-0	0725	2675	04.009
735	4-Allyl-2,6-dimethoxyphenol	6627-88-9	0726	3655	04.051
736	2-Hydroxyacetophenone	118-93-4	0727	3548	07.124
737	4-(p-Hydroxyphenyl)-2-butanone	5471-51-2	0728	2588	07.055
738	Dihydroxyacetophenone	28631-86-9	0729	3662	07.135
739	Zingerone	122-48-5	0730	3124	07.005
740	4-(p-Acetoxyphenyl)-2-butanone	3572-06-3	0731	3652	09.288
741	Vanillylidene acetone	1080-12-2	0732	3738	07.046
742	4-(1,1-Dimethylethyl)phenol	98-54-4	0733	3918	04.064
743	Phenyl acetate	122-79-2	0734	3958	09.688
744	Phenyl salicylate	118-55-8	0736	3960	09.689
745	2,3,6-Trimethylphenol	2416-94-6	0737	3963	04.085
746	Furfuryl acetate	623-17-6	0739	2490	13.128

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
747	Furfuryl propionate	623-19-8	0740	3346	13.062
748	Furfuryl pentanoate	36701-01-6	0741	3397	13.068
749	Furfuryl octanoate	39252-03-4	0742	3396	13.067
750	Furfuryl 3-methylbutanoate	13678-60-9	0743	3283	13.057
751	5-Methylfurfural	620-02-0	0745	2702	13.001
752	Methyl 2-furoate	611-13-2	0746	2703	13.002
753	Propyl 2-furoate	615-10-1	0747	2946	13.003
754	Amyl 2-furoate	1334-82-3	0748	2072	13.025
755	Hexyl 2-furoate	39251-86-0	0749	2571	13.005
756	Octyl 2-furoate	39251-88-2	0750	3518	13.073
757	2- Benzofurancarboxaldehyde	4265-16-1	0751	3128	13.031
758	2-Phenyl-3-carbethoxyfuran	50626-02-3	0752	3468	13.038
759	Pulegone	89-82-7	0753	2963	
760	Isopulegone	29606-79-9	0754	2964	07.067
761	Isopulegol	89-79-2	0755	2962	02.067
762	Isopulegyl acetate	57576-09-7	0756	2965	09.219
763	p-Menth-1,4(8)-dien-3-one	491-09-8	0757	3560	
764	Menthofuran	494-90-6	0758	3235	
765	Furfuryl butyrate	623-21-2	0759		13.130
766	Cinnamyl benzoate	5320-75-2	0760	4703	09.780
767	2-Methylpyrazine	109-08-0	0761	3309	14.027
768	2-Ethylpyrazine	13925-00-3	0762	3281	14.022
769	2-Propylpyrazine	18138-03-9	0763	3961	14.142
770	2-Isopropylpyrazine	29460-90-0	0764	3940	14.123
771	2,3-Dimethylpyrazine	5910-89-4	0765	3271	14.050
772	2,5-Dimethylpyrazine	123-32-0	0766	3272	14.020
773	2,6-Dimethylpyrazine	108-50-9	0767	3273	14.021
774	2-Ethyl-3-methylpyrazine	15707-23-0	0768	3155	14.006
775	2-Ethyl-6-methylpyrazine	13925-03-6; 36731-41-6	0769	3919	14.114
776	2-Ethyl-5-methylpyrazine	13360-64-0	0770	3154	14.017
777	2,3-Diethylpyrazine	15707-24-1	0771	3136	14.005

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
778	2-Methyl-5- isopropylpyrazine	13925-05-8	0772	3554	14.026
779	2-Isobutyl-3-methylpyrazine	13925-06-9	0773	3133	14.044
780	2,3,5-Trimethylpyrazine	14667-55-1	0774	3244	14.019
781	2-Ethyl-3 (5 or 6)- dimethylpyrazine	27043-05-6; 13925-07-0; 13360-65-1	0775	3149	14.100
782	3-Ethyl-2,5-dimethylpyrazine	13360-65-1	0775	3149	14.111
783	2-Ethyl-3,5-dimethylpyrazine	13925-07-0	0776	3150	14.024
784	2,3-Diethyl-5-methylpyrazine	18138-04-0	0777	3336	14.056
785	2,5-Diethyl-3-methylpyrazine	32736-91-7	0778	3915	14.096
786	3,5-Diethyl-2-methylpyrazine	18138-05-1	0779	3916	14.095
787	2,3,5,6-Tetramethylpyrazine	1124-11-4	0780	3237	14.018
788	5-Methyl-6,7-dihydro-5H-cyclopentapyrazine	23747-48-0	0781	3306	14.037
789	6,7-Dihydro-2,3-dimethyl-5H-cyclopentapyrazine	38917-63-4	0782	3917	14.098
790	Cyclohexylmethylpyrazine	28217-92-7	0783	3631	14.069
791	2-Acetylpyrazine	22047-25-2	0784	3126	14.032
792	2-Acetyl-3-ethylpyrazine	32974-92-8	0785	3250	14.049
793	2-Acetyl-3,(5 or 6)- dimethylpyrazine	54300-08-2; 54300-09-3; 72797-17-2	0786	3327	14.055
794	Methoxypyrazine	3149-28-8	0787	3302	14.054
795	2-Methoxy-3-methylpyrazine	2847-30-5	0788	3183	14.126
796	2-Methoxy-(3,5 or 6)- methylpyrazine	2847-30-5; 2882-22-6; 2882-21-5	0788	3183	14.025
797	Ethyl-(3,5 or 6)-methoxypyrazine (85%) and 2-Methyl-(3,5 or 6)-methoxypyrazine (13%)	25680-58-4; 68039-50-9; 67845-38-9	0789	3280	14.077
798	2,5 or 6-Methoxy-3- ethylpyrazine	68739-00-4	0789	3280	
799	2-Ethyl-3-methoxypyrazine	25680-58-4	0789	3280	14.112
800	2-Methoxy-(3,5 or 6)- isopropylpyrazine	93905-03-4; 56891-99-7; 68039-46-3	0790	3358	14.121
801	2-Isopropyl-3- methoxypyrazine	25773-40-4	0790	3358	14.057

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
802	2-Methoxy-3-(1-methylpropyl)pyrazine	24168-70-5	0791	3433	14.062
803	2-Isobutyl-3-methoxypyrazine	24683-00-9	0792	3132	14.043
804	2-Ethoxy-3-methylpyrazine	32737-14-7	0793	3569	14.109
805	2-Methyl-3,5 or 6-ethoxypyrazine	32737-14-7; 67845-34-5; 53163-97-6	0793	3569	14.067
806	2-Mercaptomethylpyrazine	59021-02-2	0794	3299	14.053
807	2-Pyrazinylethanethiol	35250-53-4	0795	3230	14.031
808	Pyrazinyl methyl sulfide	21948-70-9	0796	3231	14.034
809	(3, 5 or 6)-Methylthio-2-methylpyrazine	67952-65-2; 2882-20-4; 2884-14-2; 2884-13-1	0797	3208	14.035
810	2-Methyl-3-methylthiopyrazine	2882-20-4	0797	3208	14.128
811	5-Methylquinoxaline	13708-12-8	0798	3203	14.028
812	alpha-Methylbenzyl alcohol	98-85-1	0799	2685	02.064
813	alpha-Methylbenzyl formate	7775-38-4	0800	2688	09.179
814	alpha-Methylbenzyl acetate	93-92-5	0801	2684	09.178
815	alpha-Methylbenzyl propionate	120-45-6	0802	2689	09.144
816	alpha-Methylbenzyl butyrate	3460-44-4	0803	2686	09.231
817	alpha-Methylbenzyl isobutyrate	7775-39-5	0804	2687	09.486
818	p,alpha-Dimethylbenzyl alcohol	536-50-5	0805	3139	02.080
819	Acetophenone	98-86-2	0806	2009	07.004
820	4-Methylacetophenone	122-00-9	0807	2677	07.022
821	p-Isopropylacetophenone	645-13-6	0808	2927	07.042
822	2,4-Dimethylacetophenone	89-74-7	0809	2387	07.023
823	Acetanisole	100-06-1	0810	2005	07.038
824	Methyl beta-naphthyl ketone	93-08-3	0811	2723	07.013
825	4-Acetyl-6-t-butyl-1,1-dimethylindan	13171-00-1	0812	3653	
826	1-(p-Methoxyphenyl)-2-propanone	122-84-9	0813	2674	07.087
827	alpha-Methylphenethyl butyrate	68922-11-2	0814	3197	09.249
828	4-Phenyl-2-butanol	2344-70-9	0815	2879	02.036
829	4-Phenyl-2-butyl acetate	10415-88-0	0816	2882	09.200

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
830	4-(p-TolyI)-2-butanone	7774-79-0	0817	3074	07.026
831	4-(p-Methoxyphenyl)-2- butanone	104-20-1	0818	2672	07.029
832	4-Phenyl-3-buten-2-ol	17488-65-2	0819	2880	02.066
833	4-Phenyl-3-buten-2-one	122-57-6	0820	2881	07.024
834	3-Methyl-4-phenyl-3-buten- 2-one	1901-26-4	0821	2734	07.027
835	1-Phenyl-1-propanol	93-54-9	0822	2884	02.033
836	alpha-Ethylbenzyl butyrate	10031-86-4	0823	2424	09.189
837	Propiophenone	93-55-0	0824	3469	07.040
838	alpha-Propylphenethyl alcohol	705-73-7	0825	2953	02.034
839	1-(p-Methoxyphenyl)-1-penten-3-one	104-27-8	0826	2673	07.030
840	alpha-Isobutylphenethyl alcohol	7779-78-4	0827	2208	02.065
841	4-Methyl-1-phenyl-2- pentanone	5349-62-2	0828	2740	07.025
842	1-(4-Methoxyphenyl)-4-methyl-1-penten-3-one	103-13-9	0829	3760	07.049
843	3-Benzyl-4-heptanone	7492-37-7	0830	2146	07.070
844	Benzophenone	119-61-9	0831	2134	07.032
845	1,3-Diphenyl-2-propanone	102-04-5	0832	2397	07.086
846	1-Phenyl-1,2-propanedione	579-07-7	0833	3226	07.079
847	Ethyl benzoylacetate	94-02-0	0834	2423	09.476
848	Ethyl 2-acetyl-3-phenylpropionate	620-79-1	0835	2416	09.501
849	Benzoin	119-53-9	0836	2132	07.028
850	Benzaldehyde dimethyl acetal	1125-88-8	0837	2128	06.003
851	Benzaldehyde glyceryl acetal	1319-88-6; 1708-40-3	0838	2129	06.002
852	Benzaldehyde propylene glycol acetal	2568-25-4	0839	2130	06.032
853	Benzyl 2-methoxyethyl acetal	7492-39-9	0840	2148	06.019
854	Benzyl formate	104-57-4	0841	2145	09.077
855	Benzyl propionate	122-63-4	0842	2150	09.132
856	Benzyl butyrate	103-37-7	0843	2140	09.051

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
857	Benzyl isobutyrate	103-28-6	0844	2141	09.426
858	Benzyl isovalerate	103-38-8	0845	2152	09.458
859	Phenylmethyl 2-methyl-2- butenoate	67674-41-3	0846	3330	09.858
860	Benzyl trans-2-methyl-2- butenoate	37526-88-8	0846	3330	09.494
861	Benzyl 2,3-dimethylcrotonate	7492-69-5	0847	2143	09.508
862	Benzyl acetoacetate	5396-89-4	0848	2136	09.406
863	Benzyl phenylacetate	102-16-9	0849	2149	09.705
864	Benzoic acid	65-85-0	0850	2131	08.021
865	Methyl benzoate	93-58-3	0851	2683	09.725
866	Ethyl benzoate	93-89-0	0852	2422	09.726
867	Propyl benzoate	2315-68-6	0853	2931	09.776
868	Hexyl benzoate	6789-88-4	0854	3691	09.768
869	Isopropyl benzoate	939-48-0	0855	2932	09.770
870	Isobutyl benzoate	120-50-3	0856	2185	09.757
871	Isoamyl benzoate	94-46-2	0857	2058	09.755
872	cis-3-Hexenyl benzoate	25152-85-6	0858	3688	09.806
873	Linalyl benzoate	126-64-7	0859	2638	09.771
874	Geranyl benzoate	94-48-4	0860	2511	09.767
875	Glyceryl tribenzoate	614-33-5	0861	3398	09.812
876	Propylene glycol dibenzoate	19224-26-1	0862	3419	09.803
877	Methylbenzyl acetate (mixed o,m,p)	29759-11-3; 30676-70-1; 17373-93-2	0863	3702	09.294
878	p-Isopropylbenzyl alcohol	536-60-7	0864	2933	02.039
879	4-Ethylbenzaldehyde	4748-78-1	0865	3756	05.068
880	meta-Tolualdehyde	620-23-5	0866	3068	05.028
881	ortho-Tolualdehyde	529-20-4	0866	3068	05.026
882	para-Tolualdehyde	104-87-0	0866	3068	05.029
883	Tolualdehydes (mixed o,m,p)	1334-78-7	0866	3068	05.027
884	Tolualdehyde glyceryl acetal (mixed isomers)	1333-09-1	0867	3067	06.012
885	Cuminaldehyde	122-03-2	0868	2341	05.022
886	2,4-Dimethylbenzaldehyde	15764-16-6	0869	3427	05.110

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
887	Butyl p-hydroxybenzoate	94-26-8	0870	2203	
888	Anisyl alcohol	105-13-5	0871	2099	02.128
889	Anisyl formate	122-91-8	0872	2101	09.087
890	Anisyl acetate	104-21-2	0873	2098	09.019
891	Anisyl propionate	7549-33-9	0874	2102	09.145
892	Anisyl butyrate	6963-56-0	0875	2100	09.058
893	Anisyl phenylacetate	102-17-0	0876	3740	09.706
894	Veratraldehyde	120-14-9	0877	3109	05.017
895	p-Methoxybenzaldehyde	123-11-5	0878	2670	05.015
896	p-Ethoxybenzaldehyde	10031-82-0	0879	2413	05.056
897	Methyl o-methoxybenzoate	606-45-1	0880	2717	09.796
898	2-Methoxybenzoic acid	579-75-9	0881	3943	
899	3-Methoxybenzoic acid	586-38-9	0882	3944	08.092
900	4-Methoxybenzoic acid	100-09-4	0883	3945	08.071
901	Methyl anisate	121-98-2	0884	2679	09.713
902	Ethyl p-anisate	94-30-4	0885	2420	09.714
903	Vanillyl alcohol	498-00-0	0886	3737	02.213
904	Vanillyl ethyl ether	13184-86-6	0887	3815	04.094
905	Vanillyl butyl ether	82654-98-6	0888	3796	04.093
906	Vanillin	121-33-5	0889	3107	05.018
907	Vanillin acetate	881-68-5	0890	3108	09.035
908	Vanillin isobutyrate	20665-85-4	0891	3754	09.811
909	Ethyl vanillin beta-D- glucopyranoside	122397-96-0	0892	3801	16.075
910	Ethyl vanillin	121-32-4	0893	2464	05.019
911	Piperonyl acetate	326-61-4	0894	2912	09.220
912	Piperonyl isobutyrate	5461-08-5	0895	2913	09.430
913	Piperonal	120-57-0	0896	2911	05.016
914	Salicylaldehyde	90-02-8	0897	3004	05.055
915	2-Hydroxy-4- methylbenzaldehyde	698-27-1	0898	3697	05.091
916	Methyl salicylate	119-36-8	0899	2745	09.749
917	Ethyl salicylate	118-61-6	0900	2458	09.748

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
918	Butyl salicylate	2052-14-4	0901	3650	09.763
919	Isobutyl salicylate	87-19-4	0902	2213	09.750
920	Isoamyl salicylate	87-20-7	0903	2084	09.751
921	Benzyl salicylate	118-58-1	0904	2151	09.752
922	Phenethyl salicylate	87-22-9	0905	2868	09.753
923	o-Tolyl salicylate	617-01-6	0907	3734	09.807
924	2,4-Dihydroxybenzoic acid	89-86-1	0908	3798	08.076
925	Glycerol	56-81-5	0909	2525	
926	3-Oxohexanoic acid glyceride	91052-72-1	0910	3770	09.555
927	3-Oxooctanoic acid glyceride	91052-68-5	0911	3771	09.556
928	Heptanal glyceryl acetal (mixed 1,2 and 1,3 acetals)	72854-42-3; 1708-35-6	0912	2542	06.029
929	1,2,3-Tris([1'-ethoxy]-ethoxy)propane	67715-82-6	0913	3593	06.040
930	3-Oxodecanoic acid glyceride	91052-69-6	0914	3767	09.552
931	3-Oxododecanoic acid glyceride	91052-70-9	0915	3768	09.553
932	3-Oxotetradecanoic acid glyceride	91052-73-2	0916	3772	09.557
933	3-Oxohexadecanoic acid glyceride	91052-71-0	0917	3769	09.554
934	Glyceryl monostearate	123-94-4	0918	2527	
935	Glyceryl monooleate	111-03-5	0919	2526	
936	Triacetin	102-76-1	0920	2007	
937	Glyceryl tripropionate	139-45-7	0921	3286	09.263
938	Tributylin	60-01-5	0922	2223	09.211
939	Glyceryl 5- hydroxydecanoate	26446-31-1	0923	3685	09.543
940	Glyceryl 5- hydroxydodecanoate	26446-32-2	0924	3686	09.544
941	Propylene glycol	57-55-6	0925	2940	
942	Propylene glycol stearate	142-75-6	0926	2942	
943	1,2-Di((1'-ethoxy)-ethoxy)propane	67715-79-1	0927	3534	06.039
944	4-Methyl-2-pentyl-1,3-dioxolane	1599-49-1; 26563-74-6	0928	3630	06.094
945	2,2,4-Trimethyl-1,3-oxacyclopentane	1193-11-9	0929	3441	06.098

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
946	Lactic acid	50-21-5	0930	2611	08.004
947	Ethyl lactate	97-64-3	0931	2440	09.433
948	Butyl lactate	138-22-7	0932	2205	09.434
949	Potassium 2-(1'-ethoxy)ethoxypropanoate	100743-68-8	0933	3752	16.039
950	cis-3-Hexenyl lactate	61931-81-5	0934	3690	09.545
951	Butyl butyryllactate	7492-70-8	0935	2190	09.491
952	Pyruvic acid	127-17-3	0936	2970	08.019
953	Pyruvaldehyde	78-98-8	0937	2969	07.001
954	Ethyl pyruvate	617-35-6	0938	2457	09.442
955	Isoamyl pyruvate	7779-72-8	0939	2083	09.443
956	1,1-Dimethoxyethane	534-15-6	0940	3426	06.015
957	Acetal	105-57-7	0941	2002	06.001
958	Octanal dimethyl acetal	10022-28-3	0942	2798	06.008
959	Acetaldehyde ethyl cis-3- hexenyl acetal	28069-74-1	0943	3775	06.081
960	Citral dimethyl acetal	7549-37-3	0944	2305	06.005
961	Decanal dimethyl acetal	7779-41-1	0945	2363	06.009
962	2,6-Nonadienal diethyl acetal	67674-36-6	0946	3378	06.025
963	Heptanal dimethyl acetal	10032-05-0	0947	2541	06.028
964	Citral diethyl acetal	7492-66-2	0948	2304	06.004
965	4-Heptenal diethyl acetal	18492-65-4; 1192738-48-9	0949	3349	06.037
966	2-Acetyl-3-methylpyrazine	23787-80-6	0950	3964	14.082
967	Pyrazine	290-37-9	0951	4015	14.144
968	5,6,7,8- Tetrahydroquinoxaline	34413-35-9	0952	3321	14.015
969	Propyl benzoate	188417-26-7	0953	3837	09.933
970	Ethyl vanillin propylene glycolacetal	68527-76-4	0954	3838	
971	4-Hydroxybenzyl alcohol	623-05-2	0955	3987	02.165
972	4-Hydroxybenzaldehyde	123-08-0	0956	3984	05.047
973	4-Hydroxybenzoic acid	99-96-7	0957	3986	08.040
974	2-Hydroxybenzoic acid	69-72-7	0958	3985	08.112

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
975	4-Hydroxy-3-methoxy benzoic acid	121-34-6	0959	3988	08.043
976	Vanillin erythro- & threo-butan-2,3-diol acetal	63253-24-7	0960	4023	06.132
977	Cyclohexanecarboxylic acid	98-89-5	0961	3531	08.060
978	Methyl cyclohexanecarboxylate	4630-82-4	0962	3568	09.536
979	Ethyl cyclohexanecarboxylate	3289-28-9	0963	3544	09.534
980	Cyclohexaneethyl acetate	21722-83-8	0964	2348	09.028
981	Cyclohexylacetic acid	5292-21-7	0965	2347	08.034
982	Ethyl cyclohexanepropionate	10094-36-7	0966	2431	09.488
983	2,2,3-Trimethylcyclopent-3-en-1-yl acetaldehyde	4501-58-0	0967	3592	05.119
984	cis-5-Isopropenyl-cis-2-methylcyclopentan-1-carboxaldehyde	55253-28-6	0968	3645	05.123
985	Campholene acetate	36789-59-0	0969	3657	09.289
986	alpha-Campholenic alcohol	1901-38-8	0970	3741	02.114
987	p-Menth-1-en-9-al	29548-14-9	0971	3178	05.098
988	1-p-Menthen-9-yl acetate	28839-13-6; 17916-91-5	0972	3566	09.615
989	p-Mentha-1,8-dien-7-al	2111-75-3	0973	3557	
990	p-Mentha-1,8-dien-7-ol	536-59-4	0974	2664	02.060
991	p-Mentha-1,8-dien-7-yl acetate	15111-96-3	0975	3561	09.278
992	1,2,5,6-Tetrahydrocuminic acid	71298-42-5	0976	3731	08.067
993	2,6,6-Trimethylcyclohexa-1,3-dienyl methanal	116-26-7	0977	3389	05.104
994	2,6,6-Trimethyl-1-cyclohexen-1-acetaldehyde	472-66-2	0978	3474	05.112
995	2,6,6-Trimethylcyclohex-2-ene-1-carboxaldehyde	432-24-6	0979	3639	05.182
996	2,6,6-Trimethyl-1&2- cyclohexen-1-carboxaldehyde	432-25-7	0979	3639	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
997	2-Formyl-6,6-dimethylbicyclo[3.1.1]hept-2-ene (Myrtenal)	564-94-3	0980	3395	05.106
998	Myrtenol	515-00-4	0981	3439	02.091
999	Myrtenyl acetate	1079-01-2	0982	3765	09.302
1000	6,6-Myrtenyl formate	72928-52-0	0983	3405	
1001	12-beta-Santalen-14-ol	77-42-9	0984	3006	02.216
1002	12-alpha-Santalen-14-ol	115-71-9	0984	3006	02.217
1003	Santalol (alpha and beta)	11031-45-1	0984	3006	
1004	Santalyl acetate (alpha and beta)	1323-00-8	0985	3007	09.034
1005	10-Hydroxymethylene-2-pinene	128-50-7	0986	3938	02.141
1006	Phenethyl alcohol	60-12-8	0987	2858	02.019
1007	Phenethyl formate	104-62-1	0988	2864	09.083
1008	Phenethyl acetate	103-45-7	0989	2857	09.031
1009	Phenethyl propionate	122-70-3	0990	2867	09.137
1010	Phenethyl butyrate	103-52-6	0991	2861	09.168
1011	Phenethyl isobutyrate	103-48-0	0992	2862	09.427
1012	Phenethyl 2-methylbutyrate	24817-51-4	0993	3632	09.538
1013	Phenethyl isovalerate	140-26-1	0994	2871	09.466
1014	Phenethyl hexanoate	6290-37-5	0995	3221	09.261
1015	Phenethyl octanoate	5457-70-5	0996	3222	09.262
1016	Phenethyl tiglate	55719-85-2	0997	2870	09.496
1017	Phenethyl senecioate	42078-65-9	0998	2869	09.407
1018	Phenethyl phenylacetate	102-20-5	0999	2866	09.707
1019	Acetaldehyde phenethyl propyl acetal	7493-57-4	1000	2004	06.016
1020	Acetaldehyde butyl phenethyl acetal	64577-91-9	1001	3125	06.036
1021	Phenylacetaldehyde	122-78-1	1002	2874	05.030
1022	Phenylacetaldehyde dimethyl acetal	101-48-4	1003	2876	06.006
1023	Phenylacetaldehyde glyceryl acetal	29895-73-6	1004	2877	06.007
1024	Phenylacetaldehyde 2,3-butylene glycol acetal	5468-06-4	1005	2875	06.027

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1025	Phenylacetaldehyde diisobutyl acetal	68345-22-2	1006	3384	06.024
1026	Phenylacetic acid	103-82-2	1007	2878	08.038
1027	Methyl phenylacetate	101-41-7	1008	2733	09.783
1028	Ethyl phenylacetate	101-97-3	1009	2452	09.784
1029	Propyl phenylacetate	4606-15-9	1010	2955	09.702
1030	Isopropyl phenylacetate	4861-85-2	1011	2956	09.786
1031	Butyl phenylacetate	122-43-0	1012	2209	09.787
1032	Isobutyl phenylacetate	102-13-6	1013	2210	09.788
1033	Isoamyl phenylacetate	102-19-2	1014	2081	09.789
1034	Hexyl phenylacetate	5421-17-0	1015	3457	09.804
1035	3-Hexenyl phenylacetate	42436-07-7	1016	3633	09.805
1036	Octyl phenylacetate	122-45-2	1017	2812	09.703
1037	Rhodinyl phenylacetate	10486-14-3	1018	2985	09.791
1038	Linalyl phenylacetate	7143-69-3	1019	3501	09.772
1039	Geranyl phenylacetate	102-22-7	1020	2516	09.704
1040	Citronellyl phenylacetate	139-70-8	1021	2315	09.785
1041	Santalyl phenylacetate (alpha and beta)	1323-75-7	1022	3008	09.712
1042	p-Tolylacetaldehyde	104-09-6	1023	3071	05.042
1043	p- Isopropylphenylacetaldehyde	4395-92-0	1024	2954	05.044
1044	Methyl p-tert- butylphenylacetate	3549-23-3	1025	2690	09.758
1045	Phenoxyacetic acid	122-59-8	1026	2872	08.049
1046	Ethyl (p-tolyloxy)acetate	67028-40-4	1027	3157	09.797
1047	2-Phenoxyethyl isobutyrate	103-60-6	1028	2873	09.487
1048	Sodium 2-(4-methoxyphenoxy)propanoate	13794-15-5	1029	3773	16.041
1049	Thiamine hydrochloride	67-03-8	1030	3322	16.027
1050	4-Methyl-5-thiazoleethanol	137-00-8	1031	3204	15.014
1051	Thiazole	288-47-1	1032	3615	
1052	2-(1-Methylpropyl)thiazole	18277-27-5	1033	3372	15.022
1053	2-Isobutylthiazole	18640-74-9	1034	3134	15.013
1054	4,5-Dimethylthiazole	3581-91-7	1035	3274	15.017

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1055	2,4,5-Trimethylthiazole	13623-11-5	1036	3325	15.019
1056	2-Isopropyl-4-methylthiazole	15679-13-7	1037	3555	15.026
1057	4-Methyl-5-vinylthiazole	1759-28-0	1038	3313	15.018
1058	2,4-Dimethyl-5-vinylthiazole	65505-18-2	1039	3145	15.005
1059	Benzothiazole	95-16-9	1040	3256	15.016
1060	2-Acetylthiazole	24295-03-2	1041	3328	15.020
1061	2-Propionylthiazole	43039-98-1	1042	3611	15.027
1062	4-Methylthiazole	693-95-8	1043	3716	15.035
1063	2-Ethyl-4-methylthiazole	15679-12-6	1044	3680	15.033
1064	4,5-Dimethyl-2-isobutyl-3- thiazoline	65894-83-9	1045	3621	15.032
1065	2-Isobutyl-4,6- dimethyldihydro-1,3,5-dithiazine and 4-isobutyl-2,6-dimethyldihydro-1,3,5-dithiazine (mixture)	101517-87-7; 101517-86-6	1046	3781	15.079
1066	2-Isopropyl-4,6-dimethyl and 4-Isopropyl-2,6- dimethyldihydro-1,3,5-dithiazine (mixture)	104691-40-9; 104691-41-0	1047	3782	15.057
1067	2,4,6-Triisobutyl-5,6-dihydro-4H-1,3,5-dithiazine	74595-94-1	1048	4017	15.113
1068	2,4,6-Trimethyldihydro-4H-1,3,5-dithiazine	638-17-5	1049	4018	15.109
1069	5-Methyl-2- thiophenecarboxaldehyde	13679-70-4	1050	3209	15.004
1070	2-Thienylmercaptan	7774-74-5	1052	3062	15.001
1071	2-Thienyl disulfide	6911-51-9	1053	3323	15.008
1072	4-Methyl-5-thiazoleethanol acetate	656-53-1	1054	3205	15.015
1073	2,4-Dimethyl-5- acetylthiazole	38205-60-6	1055	3267	15.011
1074	2-Ethoxythiazole	15679-19-3	1056	3340	15.021
1075	2-Methyl-5-methoxythiazole	38205-64-0	1057	3192	15.002
1076	4,5-Dimethyl-2-ethyl-3- thiazoline	76788-46-0	1058	3620	15.030
1077	2-(2-Butyl)-4,5-dimethyl-3- thiazoline	65894-82-8	1059	3619	15.029
1078	2-Methyl-3-furanthiol	28588-74-1	1060	3188	13.055
1079	2-Methyl-3- (methylthio)furan	63012-97-5	1061	3949	13.152
1080	2-Methyl-5- (methylthio)furan	13678-59-6	1062	3366	13.065

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1081	2,5-Dimethyl-3-furanthiol	²⁹⁵ 55704-23-3	1063	3451	13.071
1082	Methyl 2-methyl-3-furyl disulfide	65505-17-1	1064	3573	13.079
1083	Propyl 2-methyl-3-furyl disulfide	61197-09-9	1065	3607	13.082
1084	bis-(2-Methyl-3-furyl) disulfide	28588-75-2	1066	3259	13.016
1085	bis-(2,5-Dimethyl-3-furyl) disulfide	28588-73-0	1067	3476	13.015
1086	bis-(2-Methyl-3-furyl) tetrasulfide	28588-76-3	1068	3260	13.017
1087	2-Ethanethoic acid, S-(2-methyl-3-furanyl) ester	55764-25-5	1069	3973	13.153
1088	2,5-Dimethyl-3-furan thioisovalerate	55764-28-8	1070	3482	13.041
1089	2,5-Dimethyl-3- thiofuroylfuran	65505-16-0; 55764-31-3	1071	3481	13.040
1090	Furfuryl mercaptan	98-02-2	1072	2493	13.026
1091	S-Furfuryl thioformate	59020-90-5	1073	3158	13.051
1092	S-Furfuryl thioacetate	13678-68-7	1074	3162	13.033
1093	S-Furfuryl thiopropionate	59020-85-8	1075	3347	13.063
1094	Furfuryl methyl sulfide	1438-91-1	1076	3160	13.053
1095	Furfuryl isopropyl sulfide	1883-78-9	1077	3161	13.032
1096	Methyl furfuryl disulfide	57500-00-2	1078	3362	13.064
1097	Propyl furfuryl disulfide	252736-36-0	1079	3979	13.197
1098	2,2'-(Thiodimethylene)difuran	13678-67-6	1080	3238	
1099	2,2'-(Dithiodimethylene)difuran	4437-20-1	1081	3146	13.050
1100	2-Methyl-3,5 and 6-(furfurylthio)pyrazine	65530-53-2	1082	3189	13.151
1101	S-Methyl thiofuroate	13679-61-3	1083	3311	13.142
1102	4-((2-Furanmethyl)thio)-2- pentanone	180031-78-1	1084	3840	13.196
1103	3-[(2-Methyl-3-furyl)thio]-4-heptanone	61295-41-8	1085	3570	13.077

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1104	2,6-Dimethyl-3-[(2-methyl-3-furyl)thio]-4-heptanone	61295-51-0	1086	3538	13.075
1105	4-[(2-Methyl-3-furyl)thio]-5-nonanone	61295-50-9	1087	3571	13.078
1106	Ethyl 3- (furfurylthio)propionate	94278-27-0	1088	3674	13.093
1107	2-Methyl-3-thioacetoxy-4,5-dihydrofuran	26486-14-6	1089	3636	13.086
1108	2-Methyl-3- tetrahydrofuranthiol	57124-87-5	1090	3787	13.160
1109	2,5-Dimethyl-3- tetrahydrofuranthiol, cis and trans isomers	26486-21-5	1091	3971	13.193
1110	2,5-Dimethyl-3-thioacetoxy-tetrahydrofuran, cis and trans isomers	252736-39-3	1092	3972	13.194
1111	Cyclohexyl acetate	622-45-7	1093	2349	09.027
1112	Cyclohexyl butyrate	1551-44-6	1094	2351	09.230
1113	Cyclohexyl formate	4351-54-6	1095	2353	09.160
1114	Cyclohexyl isovalerate	7774-44-9	1096	2355	09.464
1115	Cyclohexyl propionate	6222-35-1	1097	2354	09.140
1116	cis and trans-p-1(7)8-Menthadien-2-yl acetate	71660-03-2	1098	3848	09.930
1117	3,3,5-Trimethyl cyclohexanol	116-02-9	1099	3962	02.209
1118	Cyclohexanone	108-94-1	1100	3909	07.148
1119	Cyclopentanone	120-92-3	1101	3910	07.149
1120	2-Methylcyclohexanone	583-60-8	1102	3946	07.179
1121	3-Methylcyclohexanone	591-24-2	1103	3947	07.180
1122	4-Methylcyclohexanone	589-92-4	1104	3948	
1123	1-Methyl-1-cyclopenten-3-one	2758-18-1	1105	3435	07.112
1124	2-Hexylidene cyclopentanone	17373-89-6	1106	2573	07.034
1125	3-Methyl-2-cyclohexen-1-one	1193-18-6	1107	3360	07.098
1126	2,6,6- Trimethylcyclohexanone	2408-37-9	1108	3473	07.045
1127	2-(sec-Butyl)-cyclohexanone	14765-30-1	1109	3261	07.095
1128	4-Isopropyl-2- cyclohexenone	500-02-7	1110	3939	07.172

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1129	Tetramethyl ethylcyclohexenone (mixture of isomers)	17369-60-7 297	1111	3061	07.035
1130	Isophorone	78-59-1	1112	3553	07.126
1131	3-Methyl-5-propyl-2-cyclohexen-1-one	3720-16-9	1113	3577	07.129
1132	trans-3-Methyl-2-(2-pentenyl)-2-cyclopenten-1-one	6261-18-3	1114	3196	07.219
1133	3-Methyl-2-(2-pentenyl)-2-cyclopenten-1-one	488-10-8	1114	3196	07.094
1134	Isojasmone	11050-62-7	1115	3552	07.033
1135	(E)-2-(2-Octenyl)cyclopentanone	65737-52-2	1116	3889	
1136	2-(3,7-Dimethyl-2,6-octadienyl)cyclopentanone	68133-79-9	1117	3829	07.257
1137	3-Decanone	928-80-3	1118	3966	07.151
1138	5-Methyl-5-hexen-2-one	3240-09-3	1119	3365	07.100
1139	6-Methyl-5-hepten-2-one	110-93-0	1120	2707	07.015
1140	3,4,5,6-Tetrahydropseudoionone	4433-36-7	1121	3059	07.069
1141	6,10-Dimethyl-5,9-undecadien-2-one	689-67-8; 3796-70-1	1122	3542	07.123
1142	2,6,10-Trimethyl-2,6,10-pentadecatrien-14-one	762-29-8	1123	3442	07.114
1143	3-Penten-2-one	625-33-2	1124	3417	07.044
1144	4-Hexen-3-one	2497-21-4	1125	3352	07.048
1145	2-Hepten-4-one	4643-25-8	1126	3399	07.104
1146	3-Hepten-2-one	1119-44-4	1127	3400	07.105
1147	3-Octen-2-one	1669-44-9	1128	3416	07.107
1148	2-Octen-4-one	4643-27-0	1129	3603	07.082
1149	3-Decen-2-one	10519-33-2	1130	3532	07.121
1150	4-Methyl-3-penten-2-one	141-79-7	1131	3368	07.101
1151	5-Methyl-3-hexen-2-one	5166-53-0	1132	3409	07.106
1152	5-Methyl-2-hepten-4-one	81925-81-7	1133	3761	07.139
1153	6-Methyl-3,5-heptadien-2-one	1604-28-0	1134	3363	07.099
1154	(E)-7-Methyl-3-octen-2-one	33046-81-0	1135	3868	07.177
1155	3-Nonen-2-one	14309-57-0	1136	3955	07.188

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1156	(E) & (Z)-4,8-Dimethyl-3,7-nonadien-2-one	817-88-9	1137	3969	07.256
1157	(E)-6-Methyl-3-hepten-2-one	20859-10-3	1138	4001	07.244
1158	(E,E)-3,5-Octadien-2-one	30086-02-3	1139	4008	07.247
1159	3-Octen-2-ol	76649-14-4	1140	3602	02.102
1160	(E)-2-Octen-4-ol	20125-81-9; 4798-61-2	1141	3888	02.193
1161	2-Pentyl butyrate	60415-61-4	1142	3893	09.658
1162	(O)Heptan-3-yl acetate	5921-83-5	1143	3980	09.924
1163	(O)Heptan-2-yl butyrate	39026-94-3	1144	3981	09.923
1164	(O)Nonan-3-yl acetate	60826-15-5	1145	4007	09.925
1165	2-Pentyl acetate	626-38-0	1146	4012	09.657
1166	1-Penten-3-one	1629-58-9	1147	3382	07.102
1167	1-Octen-3-one	4312-99-6	1148	3515	07.081
1168	2-Pentyl-1-buten-3-one	63759-55-7	1149	3725	
1169	1-Penten-3-ol	616-25-1	1150	3584	02.099
1170	1-Hexen-3-ol	4798-44-1	1151	3608	02.104
1171	1-Octen-3-ol	3391-86-4	1152	2805	02.023
1172	1-Decen-3-ol	51100-54-0	1153	3824	02.136
1173	(E,R)-3,7-Dimethyl-1,5,7-octatrien-3-ol	20053-88-7; 53834-70-1	1154	3830	02.146
1174	6-Undecanone	927-49-1	1155	4022	07.249
1175	2-Methylheptan-3-one	13019-20-0	1156	4000	07.240
1176	4-Methyl-5-hexen-1,4-olid	1073-11-6	1157	4051	10.070
1177	(O)3-Methyl-gamma-decalactone	67663-01-8	1158	3999	10.069
1178	4-Hydroxy-4-methyl-7-cis-decenoic acid gamma lactone	70851-61-5	1159	3937	10.061
1179	Tuberose lactone	153175-57-6	1160	4067	
1180	Dihydromintlactone	92015-65-1	1161	4032	10.050
1181	Mintlactone	13341-72-5	1162	3764	10.036
1182	Dehydromenthofuro lactone	75640-26-5; 80417-97-6	1163	3755	10.034

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1183	(-)-(2,6,6-Trimethyl-2-hydroxycyclohexylidene)acetic acid gamma-lactone	15356-74-8	1164	4020	10.169
1184	Sclareolide	564-20-5	1165	3794	16.055
1185	Octahydrocoumarin	4430-31-3	1166	3791	13.161
1186	2-(4-Methyl-2-hydroxyphenyl)propionic acid-gamma-lactone	65817-24-5	1167	3863	10.072
1187	Propylidenephthalide	17369-59-4	1168	2952	10.005
1188	3-n-Butylphthalide	6066-49-5	1169	3334	10.025
1189	Butylidenephthalide	551-08-6	1170	3333	10.024
1190	Dihydrocoumarin	119-84-6	1171	2381	13.009
1191	Methylcoumarin	92-48-8	1172	2699	13.012
1192	2,4-Pentadienal	764-40-9	1173	3217	05.101
1193	2,4-Hexadien-1-ol	111-28-4	1174	3922	02.162
1194	(E,E)-2,4-Hexadienal	142-83-6	1175	3429	05.057
1195	(E,E)-2,4-Hexadienoic acid	110-44-1	1176	3921	08.085
1196	Methyl sorbate	689-89-4	1177	3714	09.300
1197	Ethyl sorbate	2396-84-1	1178	2459	09.194
1198	(E,E)-2,4-Heptadienal	4313-03-5	1179	3164	05.084
1199	(E,E)-2,4-Octadien-1-ol	18409-20-6	1180	3956	
1200	2,4-Octadienal	5577-44-6	1181	3721	05.186
1201	trans,trans-2,4-Octadienal	30361-28-5	1181	3721	05.127
1202	2-trans,6-trans Octadienal	56767-18-1	1182	3466	05.111
1203	2,4-Nonadien-1-ol	62488-56-6	1183	3951	02.188
1204	2,6-Nonadien-1-ol	7786-44-9	1184	2780	02.049
1205	2(trans),6(cis)-Nonadien-1-ol	28069-72-9	1184	2780	02.231
1206	2,4-Nonadienal	6750-03-4	1185	3212	05.071
1207	(E,E)-2,4-Nonadienal	5910-87-2	1185	3212	05.194
1208	Nona-2(trans),6(cis)-dienal	557-48-2	1186	3377	05.058
1209	2-trans,6-trans Nonadienal	17587-33-6	1187	3766	05.172
1210	(E,Z)-2,6-Nonadien-1-ol acetate	68555-65-7	1188	3952	09.947
1211	(E,E)-2,4-Decadien-1-ol	18409-21-7	1189	3911	02.139
1212	2,4-Decadienal	2363-88-4	1190	3135	05.081

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1213	2-trans,4-trans-Decadienal	25152-84-5	1190	3135	05.140
1214	Methyl (E)-2-(Z)-4- decadienoate	4493-42-9	1191	3859	09.639
1215	Ethyl trans-2-cis-4- decadienoate	3025-30-7	1192	3148	09.260
1216	Ethyl 2,4,7-decatrienoate	78417-28-4	1193	3832	09.371
1217	Propyl 2,4-decadienoate	84788-08-9	1194	3648	09.840
1218	trans, trans-2,4- Undecadienal	30361-29-6	1195	3422	05.196
1219	2,4-Undecadienal	13162-46-4	1195	3422	05.108
1220	trans,trans-2,4- Dodecadienal	21662-16-8	1196	3670	05.125
1221	2-trans-6-cis-Dodecadienal	21662-13-5	1197	3637	05.120
1222	2-trans-4-cis-7-cis- Tridecatrienal	13552-96-0	1198	3638	05.064
1223	(S)-2-Methyl-1-butanol	137-32-6	1199	3998	02.076
1224	3-Methyl-2-buten-1-ol	556-82-1	1200	3647	02.109
1225	2-Methyl-2-butenal	497-03-0; 1115-11-3	1201	3407	05.095
1226	Methyl-2-butenal	107-86-8	1202	3646	05.124
1227	3-Ammonium isovalerate	7563-33-9	1203	2054	16.001
1228	3-Methylcrotonic acid	541-47-9	1204	3187	08.070
1229	trans-2-Methyl-2-butenic acid	80-59-1	1205	3599	08.064
1230	Methyl-2-butenic acid	13201-46-2	1205	3599	08.120
1231	Isobutyl 2-butenate	589-66-2	1206	3432	09.273
1232	2-Methylallyl butyrate	7149-29-3	1207	2678	
1233	4-Methyl-2-pentenal	5362-56-1	1208	3510	05.114
1234	2-Methyl-2-pentenal	623-36-9	1209	3194	05.090
1235	2-Methyl-2-pentenoic acid	3142-72-1	1210	3195	08.055
1236	2,4-Dimethyl-2-pentenoic acid	66634-97-7; 21016-46-6	1211	3143	08.044
1237	2-Methylheptanoic acid	1188-02-9	1212	2706	08.047
1238	Isobutyl angelate	7779-81-9	1213	2180	09.408
1239	2-Butyl-2-butenal	25409-08-9	1214	3392	05.105

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1240	2-Isopropyl-5-methyl-2- hexenal	35158-25-9	1215	3406	05.107
1241	2-Ethyl-2-heptenal	10031-88-6	1216	2438	05.033
1242	2-Methyl-2-octenal	73757-27-4; 49567-57-0	1217	3711	05.126
1243	4-Ethyl octanoic acid	16493-80-4	1218	3800	08.079
1244	dl-Citronellol	106-22-9	1219	2309	02.011
1245	(-)-3,7-Dimethyl-6-octen-1- ol	7540-51-4	1219	2309	02.229
1246	Citronellal	106-23-0	1220	2307	05.021
1247	3,7-Dimethyl-6-octenoic acid	502-47-6	1221	3142	08.036
1248	Rhodinol	6812-78-8	1222	2980	02.027
1249	Geraniol	106-24-1	1223	2507	02.012
1250	Nerol	106-25-2	1224	2770	02.058
1251	Citral	5392-40-5	1225	2303	05.020
1252	Neral	106-26-3	1225	2303	05.170
1253	Geranial	141-27-5	1225	2303	05.188
1254	8-Ocimenyl acetate	197098-61-6	1226	3886	09.931
1255	2,6-Dimethyl-10-methylene- 2,6,11-dodecatrienal	60066-88-8	1227	3141	
1256	3,7,11-Trimethyl-2,6,10- dodecatrienal	19317-11-4	1228	4019	05.148
1257	12-Methyltridecanal	75853-49-5	1229	4005	05.169
1258	Farnesol	4602-84-0	1230	2478	02.029
1259	sec-Butyl ethyl ether	2679-87-0	1231	3131	03.005
1260	1-Ethoxy-3-methyl-2-butene	22094-00-4	1232	3777	03.019
1261	1,4-Cineole	470-67-7	1233	3658	03.007
1262	Eucalyptol	470-82-6	1234	2465	03.001
1263	Nerol oxide	1786-08-9	1235	3661	13.088
1264	2,2,6-Trimethyl-6- vinyltetrahydropyran	7392-19-0	1236	3735	13.094
1265	2S-cis-Tetrahydro-4-methyl- 2-(2-methyl-1-propenyl)-2H- pyran	3033-23-6	1237	3236	13.170
1266	Tetrahydro-4-methyl-2-(2-methylpropen- -1-yl)pyran	16409-43-1	1237	3236	13.037
1267	Theaspirane	36431-72-8	1238	3774	13.098

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1268	Cycloionone	5552-30-7	1239	3822	13.165
1269	1,5,5,9-Tetramethyl-13-oxatricyclo(8.3.0.0(4.9))tridecane	3738-00-9	1240	3471	13.072
1270	Anisole	100-66-3	1241	2097	04.032
1271	1-Methoxy-2-methylbenzene	578-58-5	1242	2680	04.014
1272	1-Methoxy-4-methylbenzene	104-93-8	1243	2681	04.015
1273	p-Propylanisole	104-45-0	1244	2930	04.039
1274	2,4-Dimethylanisole	6738-23-4	1245	3828	04.063
1275	1-Methyl-3-methoxy-4-isopropylbenzene	1076-56-8	1246	3436	04.043
1276	Carvacryl ethyl ether	4732-13-2	1247	2246	04.038
1277	1,2-Dimethoxybenzene	91-16-7	1248	3799	04.062
1278	m-Dimethoxybenzene	151-10-0	1249	2385	04.016
1279	p-Dimethoxybenzene	150-78-7	1250	2386	04.034
1280	3,4-Dimethoxy-1-vinylbenzene	6380-23-0	1251	3138	04.040
1281	Benzyl ethyl ether	539-30-0	1252	2144	03.003
1282	Benzyl butyl ether	588-67-0	1253	2139	03.010
1283	Methyl phenethyl ether	3558-60-9	1254	3198	03.006
1284	Diphenyl ether	101-84-8	1255	3667	04.035
1285	Dibenzyl ether	103-50-4	1256	2371	03.004
1286	beta-Naphthyl methyl ether	93-04-9	1257	4704	04.074
1287	o-Methylanisole	93-18-5	1258	2768	04.033
1288	beta-Naphthyl isobutyl ether	2173-57-1	1259	3719	04.054
1289	Isoeugenol	97-54-1	1260	2468	04.004
1290	Isoeugenyl formate	7774-96-1	1261	2474	09.089
1291	Isoeugenyl acetate	93-29-8	1262	2470	09.030
1292	Isoeugenyl phenylacetate	120-24-1	1263	2477	09.710
1293	Propenylguaethol	94-86-0	1264	2922	04.002
1294	4-Propenyl-2,6-dimethoxyphenol	20675-95-0	1265	3728	04.055
1295	Isoeugenyl methyl ether	93-16-3	1266	2476	04.013
1296	Isoeugenyl ethyl ether	7784-67-0	1267	2472	04.017
1297	Isoeugenyl benzyl ether	120-11-6	1268	3698	04.018

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1298	Isoprenyl acetate	5205-07-2	1269	3991	09.655
1299	4-Pentenyl acetate	1576-85-8	1270	4011	09.917
1300	3-Hexenal	4440-65-7	1271	3923	05.192
1301	trans-3-Hexenyl formate	56922-80-6	1272	3353	09.562
1302	3-Hexenyl formate (cis and trans mixture)	2315-09-5	1272	3353	09.846
1303	Ethyl 5-hexenoate	54653-25-7	1273	3976	09.921
1304	cis-Hexenyl propionate	33467-74-2	1274	3933	09.564
1305	cis-Hexenyl isobutyrate	41519-23-7	1275	3929	09.563
1306	(Z)-3-Hexenyl (E)-2- butenoate	65405-80-3	1276	3982	09.566
1307	cis-Hexenyl tiglate	67883-79-8	1277	3931	09.559
1308	cis-3-Hexenyl valerate	35852-46-1	1278	3936	09.571
1309	3-Hexenyl 2-hexenoate	53398-87-1	1279	3928	09.568
1310	(Z)-4-Hepten-1-ol	6191-71-5	1280	3841	02.249
1311	Ethyl cis-4-heptenoate	39924-27-1	1281	3975	09.922
1312	(Z)-5-Octenyl propionate	196109-18-9	1282	3890	09.932
1313	(Z,Z)-3,6-Nonadien-1-ol	53046-97-2; 76649-25-7	1283	3885	02.189
1314	(E,Z)-3,6-Nonadien-1-ol	56805-23-3	1284	3884	02.243
1315	(E,Z)-3,6-Nonadien-1-ol acetate	211323-05-6	1285	3953	09.674
1316	9-Decenal	39770-05-3	1286	3912	05.139
1317	4-Decenoic Acid	26303-90-2	1287	3914	08.075
1318	cis-4-Decenyl acetate	67452-27-1	1288	3967	09.918
1319	erythro- and threo-3-Mercapto-2-methylbutan-1-ol	227456-33-9	1289	3993	12.291
1320	(-)-2-Mercaptomethylpentan-1-ol	258823-39-1	1290	3995	12.241
1321	3-Mercapto-2-methylpentan-1-ol (racemic)	227456-27-1	1291	3996	12.238
1322	3-Mercapto-2-methylpentanal	227456-28-2	1292	3994	12.239
1323	4-Mercapto-4-methyl-2-pentanone	19872-52-7	1293	3997	12.169
1324	(-)-Ethyl 3-mercaptobutyrate	156472-94-5	1294	3977	12.255
1325	Ethyl 4-(acetylthio)butyrate	104228-51-5	1295	3974	12.257

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1326	spiro[2,4-Dithia-1-methyl-8-oxabicyclo(3.3.0)octane-3,3'-(1'-oxa-2'-methyl)-cyclopentane]	38325-25-6	1296	3270	15.007
1327	2-(Methylthio)ethanol	5271-38-5	1297	4004	12.179
1328	Ethyl 5-(methylthio)pentanoate	233665-98-0	1298	3978	12.212
1329	2,3,5-Trithiahexane	42474-44-2	1299	4021	12.198
1330	Diisopropyl trisulfide	5943-34-0	1300	3968	12.280
1331	Indole	120-72-9	1301	2593	14.007
1332	6-Methylquinoline	91-62-3	1302	2744	14.042
1333	Isoquinoline	119-65-3	1303	2978	14.001
1334	Skatole	83-34-1	1304	3019	14.004
1335	1-Ethyl-2-acetylpyrrole	39741-41-8	1305	3147	14.045
1336	1-Methyl-2-acetylpyrrole	932-16-1	1306	3184	14.046
1337	Methyl 2-pyrrolyl ketone	1072-83-9	1307	3202	14.047
1338	2-Pyridinemethanethiol	2044-73-7	1308	3232	14.030
1339	2-Acetylpyridine	1122-62-9	1309	3251	14.038
1340	1-Furfurylpyrrole	1438-94-4	1310	3284	13.134
1341	2-Isobutylpyridine	6304-24-1	1311	3370	14.058
1342	3-Isobutylpyridine	14159-61-6	1312	3371	14.059
1343	2-Pentylpyridine	2294-76-0	1313	3383	14.060
1344	Pyrrole	109-97-7	1314	3386	14.041
1345	3-Ethylpyridine	536-78-7	1315	3394	14.061
1346	3-Acetylpyridine	350-03-8	1316	3424	14.039
1347	2,6-Dimethylpyridine	108-48-5	1317	3540	14.065
1348	5-Ethyl-2-methylpyridine	104-90-5	1318	3546	14.066
1349	2-Propionylpyrrole	1073-26-3	1319	3614	14.068
1350	Methyl nicotinate	93-60-7	1320	3709	14.071
1351	2-(3-Phenylpropyl)pyridine	2110-18-1	1321	3751	14.072
1352	2-Propylpyridine	622-39-9	1322	4065	14.164
1353	Camphene	79-92-5	1323	2229	01.009
1354	beta-Caryophyllene	87-44-5	1324	2252	01.007
1355	1-Isopropyl-4-methylbenzene	99-87-6	1325	2356	01.002

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1356	d-Limonene	5989-27-5	1326	2633	01.045
1357	Myrcene	123-35-3	1327	2762	01.008
1358	alpha-Phellandrene	99-83-2	1328	2856	01.006
1359	Pin-2(3)-ene	80-56-8	1329	2902	01.004
1360	Pin-2(10)-ene	127-91-3	1330	2903	01.003
1361	Terpinolene	586-62-9	1331	3046	01.005
1362	Diphenyl	92-52-4	1332	3129	
1363	p,alpha-Dimethylstyrene	1195-32-0	1333	3144	01.010
1364	4-Methyl-1,1'-biphenyl	644-08-6	1334	3186	
1365	1-Methylnaphthalene	90-12-0	1335	3193	
1366	Bisabolene	495-62-5	1336	3331	01.016
1367	Valencene	4630-07-3; 68773-84-2	1337	3443	01.017
1368	cis-beta-Ocimene	3338-55-4	1338	3539	01.064
1369	3,7-Dimethyl-1,3,6-octatriene	13877-91-3	1338	3539	01.018
1370	p-Mentha-1,3-diene	99-86-5	1339	3558	01.019
1371	p-Mentha-1,4-diene	99-85-4	1340	3559	01.020
1372	1,3,5-Undecatriene	16356-11-9	1341	3795	01.061
1373	d-3-Carene	13466-78-9	1342	3821	01.029
1374	alpha-Farnesene	502-61-4	1343	3839	01.040
1375	Farnesene (alpha and beta)	502-61-4; 18794-84-8	1343	3839	
1376	1-Methyl-1,3-cyclohexadiene	1489-56-1	1344	4311	01.077
1377	beta-Bourbonene	5208-59-3	1345		01.024
1378	Cadinene (mixture of isomers)	29350-73-0	1346		
1379	Guaiene	88-84-6	1347		01.026
1380	Butyl 2-decenoate	7492-45-7	1348	2194	09.235
1381	2-Decenal	3913-71-1	1349	2366	05.076
1382	trans-2-Decenal	3913-81-3	1349	2366	05.191
1383	2-Dodecenal	4826-62-4	1350	2402	05.037
1384	Dodec-2-(trans)-enal	20407-84-5	1350	2402	05.144

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1385	Ethyl acrylate	140-88-5	1351	2418	09.037
1386	Ethyl 2-nonynoate	10031-92-2	1352	2448	09.157
1387	2-Hexenal	505-57-7	1353	2560	05.189
1388	Hex-2(trans)-enal	6728-26-3	1353	2560	05.073
1389	2-Hexen-1-ol	2305-21-7	1354	2562	02.020
1390	2-(E)Hexen-1-yl acetate	2497-18-9	1355	2564	09.394
1391	Methyl 2-nonynoate	111-80-8	1356	2726	09.156
1392	Methyl 2-octynoate	111-12-6	1357	2729	09.158
1393	Methyl 2-undecynoate	10522-18-6	1358	2751	09.239
1394	2-Tridecenal	7774-82-5	1359	3082	05.078
1395	trans-Tridecenal	7069-41-2	1359	3082	05.195
1396	2-Heptenal	2463-63-0	1360	3165	05.070
1397	Hept-2(trans)-enal	18829-55-5	1360	3165	05.150
1398	trans-2-Hexenoic acid	13419-69-7	1361	3169	08.054
1399	Hexenoic acid	1191-04-4	1361	3169	08.119
1400	Non-2-enal	2463-53-8	1362	3213	05.171
1401	trans-Nonenal	18829-56-6	1362	3213	05.072
1402	Oct-2-enal	2363-89-5	1363	3215	05.060
1403	trans-Octenal	2548-87-0	1363	3215	05.190
1404	Pent-2-enal	764-39-6	1364	3218	05.102
1405	Non-2(trans)-en-1-ol	31502-14-4	1365	3379	02.090
1406	2-Undecenal	2463-77-6	1366	3423	05.109
1407	Undec-2(trans)-enal	53448-07-0	1366	3423	05.184
1408	trans-2-Octen-1-yl acetate	3913-80-2; 2371-13-3	1367	3516	09.276
1409	trans-2-Octen-1-yl butanoate	84642-60-4	1368	3517	09.277
1410	cis-2-Nonen-1-ol	41453-56-9	1369	3720	02.112
1411	(E)-2-Octen-1-ol	18409-17-1; 22104-78-5	1370	3887	02.192
1412	(E)-2-Butenoic acid	107-93-7; 3724-65-0	1371	3908	08.072

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1413	(E)-2-Decenoic acid	334-49-6; 3913-85-7	1372	3913	08.073
1414	(E)-2-Heptenoic acid	10352-88-2	1373	3920	08.123
1415	Hept-2-enoic acid	18999-28-5	1373	3920	08.083
1416	(Z)-2-Hexen-1-ol	928-94-9	1374	3924	02.156
1417	trans-2-Hex-2-enyl butyrate	53398-83-7	1375	3926	09.396
1418	(E)-2-Hexenyl formate	53398-78-0	1376	3927	09.397
1419	trans-2-Hexenyl isovalerate	68698-59-9	1377	3930	09.399
1420	trans-2-Hexenyl propionate	53398-80-4	1378	3932	09.395
1421	trans-2-Hexenyl pentanoate	56922-74-8	1379	3935	
1422	(E)-2-Nonenoic acid	14812-03-4; 3760-11-0	1380	3954	08.101
1423	(E)-2-Hexenyl hexanoate	53398-86-0	1381	3983	09.398
1424	(Z)-3- & (E)-2-Hexenyl propionate	33467-74-2; 53398-80-4	1382	3778	
1425	(E)-2-Hexenal diethyl acetal	54306-00-2; 67746-30-9	1383	4047	06.031
1426	2-Undecen-1-ol	37617-03-1	1384	4068	02.210
1427	Borneol	507-70-0	1385	2157	02.016
1428	Isoborneol	124-76-5	1386	2158	02.059
1429	Bornyl acetate	76-49-3	1387	2159	09.017
1430	Isobornyl acetate	125-12-2	1388	2160	09.218
1431	Bornyl formate	7492-41-3	1389	2161	09.082
1432	Isobornyl formate	1200-67-5	1390	2162	09.176
1433	Isobornyl propionate	2756-56-1	1391	2163	09.131
1434	Bornyl valerate	7549-41-9	1392	2164	09.153
1435	Bornyl isovalerate	76-50-6	1393	2165	09.456
1436	Bornyl isovalerate (endo-)	7779-73-9	1394	2166	09.457
1437	d-Camphor	464-49-3	1395	2230	07.215
1438	d-Fenchone	4695-62-9	1396	2479	07.159
1439	Fenchyl alcohol	1632-73-1	1397	2480	02.038
1440	Nootkatone	4674-50-4	1398	3166	07.089

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1441	1,3,3-Trimethyl-2- norbornanyl acetate	5051-11-1 308	1399	3390	09.269
1442	Methyl (2-pent-2-enyl-3-oxo-1-cyclopentyl)acetate	1211-29-6; 39924-52-2	1400	3410	09.521
1443	Cycloheptadec-9-en-1-one	542-46-1	1401	3425	
1444	3-Methyl-1- cyclopentadecanone	541-91-3	1402	3434	
1445	2(10)-Pinen-3-ol	5947-36-4	1403	3587	02.100
1446	Verbenol	473-67-6	1404	3594	02.101
1447	7-Methyl-4,4a,5,6-tetrahydro-2(3H)-naphthalenone	34545-88-5	1405	3715	07.136
1448	3-Methyl-2-(n-pentanyl)-2-cyclopenten-1-one	1128-08-1	1406	3763	07.140
1449	Dihydronootkatone	20489-53-6	1407	3776	07.153
1450	3-L-Menthoxypropane-1,2- diol	87061-04-9	1408	3784	02.224
1451	beta-Ionyl acetate	22030-19-9	1409	3844	09.305
1452	alpha-Isomethylionyl acetate	68555-61-3	1410	3845	
1453	3-(l-Menthoxy)-2- methylpropane-1,2-diol	195863-84-4	1411	3849	02.254
1454	Bornyl butyrate	13109-70-1	1412	3907	09.319
1455	D,L-Menthol()-propylene glycol carbonate	156324-82-2	1413	3992	
1456	L-Monomenthyl glutarate	220621-22-7	1414	4006	09.929
1457	l-Menthyl methyl ether	1565-76-0	1415	4054	16.088
1458	p-Menthane-3,8-diol	42822-86-6	1416	4053	02.246
1459	Alanine	107-95-9	1418	3252	17.001
1460	l-Cysteine	52-90-4	1419	3263	17.033
1461	l-Glutamic acid	56-86-0	1420	3285	
1462	Glycine	56-40-6	1421	3287	17.034
1463	dI-Isoleucine	443-79-8	1422	3295	17.010
1464	Leucine	61-90-5	1423	3297	17.012
1465	DL-Methionine	59-51-8	1424	3301	17.014
1466	Proline	147-85-3	1425	3319	17.019
1467	Valine	516-06-3	1426	3444	17.023
1468	DL-(3-Amino-3-carboxypropyl) dimethylsulfonium chloride	3493-12-7; 1115-84-0	1427	3445	17.015

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1469	L-Phenylalanine	63-91-2	1428	3585	17.018
1470	L-Aspartic acid	56-84-8	1429	3656	17.005
1471	L-Glutamine	56-85-9	1430	3684	17.007
1472	L-Histidine	71-00-1	1431	3694	17.008
1473	DL-Phenylalanine	150-30-1	1432	3726	17.017
1474	L-Thyrosine	60-18-4	1434	3736	17.022
1475	Taurine	107-35-7	1435	3813	16.056
1476	L-Alanine	56-41-7	1437	3818	17.002
1477	DL-Alanine	302-72-7	1437	3818	17.024
1478	L-Arginine	74-79-3	1438	3819	17.003
1479	L-Lysine	56-87-1	1439	3847	17.026
1480	DL-Lysine	70-54-2	1439	3847	17.013
1481	2-Hexyl-4-acetoxytetrahydrofuran	10039-39-1	1440	2566	
1482	2-(3-Phenylpropyl)tetrahydrofuran	3208-40-0	1441	2898	13.007
1483	Tetrahydrofurfuryl acetate	637-64-9	1442	3055	13.166
1484	Tetrahydrofurfuryl alcohol	97-99-4	1443	3056	13.020
1485	Tetrahydrofurfuryl butyrate	2217-33-6	1444	3057	13.048
1486	Tetrahydrofurfuryl propionate	637-65-0	1445	3058	13.049
1487	4-Hydroxy-2,5-dimethyl-3(2H)-furanone	3658-77-3	1446	3174	13.010
1488	Tetrahydrofurfurylcinnamate	65505-25-1	1447	3320	13.060
1489	2-Methyltetrahydrofuran-3-one	3188-00-9	1448	3373	13.042
1490	2-Ethyl-4-hydroxy-5-methyl-3(2H)-furanone	27538-09-6	1449	3623	13.084
1491	4-Hydroxy-5-methyl-3(2H)-furanone	19322-27-1	1450	3635	13.085
1492	2,5-Dimethyl-4-methoxy-3(2H)-furanone	4077-47-8	1451	3664	13.089
1493	2,2-Dimethyl-5-(1-methylpropen-1-yl)tetrahydrofuran	7416-35-5	1452	3665	13.090
1494	2,5-Diethyltetrahydrofuran	41239-48-9	1453	3743	13.095
1495	Linalool oxide (trans)	5989-33-3	1454	3746	
1496	cis,trans-2-Methyl-2-vinyl-5-(2-hydroxy-2-propyl)tetrahydrofuran	60047-17-8;34995-77-2;5989-33-3;1365-19-1	1454	3746	13.140

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1497	5-Isopropenyl-2-methyl-2-vinyltetrahydrofuran (cis and trans mixture)	13679-86-2	1455	3759	13.097
1498	4-Acetoxy-2,5-dimethyl-3(2H)furanone	4166-20-5	1456	3797	13.099
1499	()-2-(5-Methyl-5-vinyl-tetrahydrofuran-2-yl)propionaldehyde	51685-39-3	1457	4058	
1500	Ethyl 4-phenylbutyrate	10031-93-3	1458	2453	09.728
1501	beta-Methylphenethyl alcohol	1123-85-9	1459	2732	02.073
1502	2-Methyl-4-phenyl-2-butyl acetate	103-07-1	1460	2735	09.029
1503	2-Methyl-4-phenyl-2-butyl isobutyrate	10031-71-7	1461	2736	09.484
1504	2-Methyl-4-phenylbutyraldehyde	40654-82-8	1462	2737	05.046
1505	3-Methyl-2-phenylbutyraldehyde	2439-44-3	1463	2738	05.097
1506	Methyl 4-phenylbutyrate	2046-17-5	1464	2739	09.729
1507	2-Methyl-3-(p-isopropylphenyl)propionaldehyde	103-95-7	1465	2743	05.045
1508	2-Methyl-3-tolylpropionaldehyde (mixed o-,m-, p-)	41496-43-9	1466	2748	05.052
1509	2-Phenylpropionaldehyde	93-53-8	1467	2886	05.038
1510	2-Phenylpropionaldehyde dimethyl acetal	90-87-9	1468	2888	06.030
1511	2-Phenylpropyl butyrate	80866-83-7	1469	2891	09.057
1512	2-Phenylpropyl isobutyrate	65813-53-8	1470	2892	09.485
1513	2-(p-Tolyl)propionaldehyde	99-72-9	1471	3078	05.043
1514	5-Methyl-2-phenyl-2-hexenal	21834-92-4	1472	3199	05.099
1515	4-Methyl-2-phenyl-2-pentenal	26643-91-4	1473	3200	05.100
1516	2-Phenyl-2-butenal	4411-89-6	1474	3224	05.062
1517	Ethyl 2-ethyl-3-phenylpropanoate	2983-36-0	1475	3341	09.802
1518	2-Phenyl-4-pentenal	24401-36-3	1476	3519	05.115
1519	2-Methyl-4-phenyl-2-butanol	103-05-9	1477	3629	02.108
1520	2-Oxo-3-phenylpropionic acid	156-06-9	1478	3892	08.109
1521	2-Oxo-3-phenylpropionic acid sodium salt	114-76-1	1479	3892	
1522	Maltol	118-71-8	1480	2656	07.014

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1523	Ethyl maltol	4940-11-8	1481	3487	07.047
1524	Maltyl isobutyrate	65416-14-0	1482	3462	09.525
1525	2-Methyl-3-(1-oxopropoxy)-4H-pyran-4-one	68555-63-5	1483	3941	
1526	2-Butyl-5 or 6-keto-1,4-dioxane	65504-95-2	1484	2204	13.028
1527	2-Amyl-5 or 6-keto-1,4-dioxane	65504-96-3	1485	2076	13.027
1528	2-Hexyl-5 or 6-keto-1,4-dioxane	65504-97-4	1486	2574	
1529	2-Methylfuran	534-22-5	1487	4179	
1530	2,5-Dimethylfuran	625-86-5	1488	4106	
1531	2-Ethylfuran	3208-16-0	1489	3673	
1532	2-Butylfuran	4466-24-4	1490	4081	13.103
1533	2-Pentylfuran	3777-69-3	1491	3317	13.059
1534	2-Heptylfuran	3777-71-7	1492	3401	13.069
1535	2-Decylfuran	83469-85-6	1493	4090	13.106
1536	3-Methyl-2-(3-methylbut-2-enyl)-furan	15186-51-3	1494	4174	13.148
1537	2,3-Dimethylbenzofuran	3782-00-1	1495	3535	13.074
1538	2,4-Difurfurylfuran	64280-32-6	1496	4095	
1539	3-(2-Furyl)acrolein	623-30-3	1497	2494	13.034
1540	2-Methyl-3(2-furyl)acrolein	874-66-8	1498	2704	13.046
1541	3-(5-Methyl-2-furyl)prop-2-enal	5555-90-8	1499	4175	13.150
1542	3-(5-Methyl-2-furyl) butanal	31704-80-0	1500	3307	13.058
1543	2-Furfurylidenebutyraldehyde	770-27-4	1501	2492	13.043
1544	2-Phenyl-3-(2-furyl)prop-2-enal	65545-81-5; 57568-60-2	1502	3586	13.137
1545	2-Furyl methyl ketone	1192-62-7	1503	3163	13.054
1546	2-Acetyl-5-methylfuran	1193-79-9	1504	3609	13.083
1547	2-Acetyl-3,5-dimethylfuran	22940-86-9	1505	4071	13.101
1548	3-Acetyl-2,5-dimethylfuran	10599-70-9	1506	3391	13.066
1549	2-Butyrylfuran	4208-57-5	1507	4083	13.105
1550	(2-Furyl)-2-propanone	6975-60-6	1508	2496	13.045
1551	2-Pentanoylfuran	3194-17-0	1509	4192	13.163
1552	1-(2-Furyl)butan-3-one	699-17-2	1510	4120	13.138

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1553	4-(2-Furyl)-3-buten-2-one	623-15-4	1511	2495	13.044
1554	Pentyl 2-furyl ketone	14360-50-0	1512	3418	13.070
1555	Ethyl 3-(2-furyl)propanoate	10031-90-0	1513	2435	13.022
1556	Isobutyl 3-(2-furan)propionate	105-01-1	1514	2198	13.024
1557	Isoamyl 3-(2-furan)propionate	7779-67-1	1515	2071	13.023
1558	Isoamyl 4-(2-furan)butyrate	7779-66-0	1516	2070	13.021
1559	Phenethyl 2-furoate	7149-32-8	1517	2865	13.006
1560	Propyl 2-furanacrylate	623-22-3	1518	2945	13.047
1561	2,5-Dimethyl-3-oxo-(2H)-furan-4-yl butyrate	114099-96-6	1519	3970	13.176
1562	Furfuryl methyl ether	13679-46-4	1520	3159	
1563	Ethyl furfuryl ether	6270-56-0	1521	4114	
1564	Difurfuryl ether	4437-22-3	1522	3337	
1565	2,5-Dimethyl-3-furanthiolacetate	55764-22-2	1523	4034	13.116
1566	Furfuryl 2-methyl-3-furyl disulfide	109537-55-5	1524	4119	13.178
1567	3-[(2-Methyl-3-furyl)thio]-2-butanone	61295-44-1	1525	4056	13.190
1568	O-Ethyl-S-(2-furylmethyl)thiocarbonate	376595-42-5	1526	4043	
1569	4-Allylphenol	501-92-8	1527	4075	04.058
1570	2-Methoxy-6-(2-propenyl)phenol	579-60-2	1528	4490	04.096
1571	Eugenol	97-53-0	1529	2467	04.003
1572	Eugenyl formate	10031-96-6	1530	2473	09.088
1573	Eugenyl acetate	93-28-7	1531	2469	09.020
1574	Eugenyl isovalerate	61114-24-7	1532	4118	09.878
1575	Eugenyl benzoate	531-26-0	1533	2471	09.766
1576	Methyl anthranilate	134-20-3	1534	2682	09.715
1577	Ethyl anthranilate	87-25-2	1535	2421	09.716
1578	Butyl anthranilate	7756-96-9	1536	2181	09.717
1579	Isobutyl anthranilate	7779-77-3	1537	2182	09.718
1580	cis-3-Hexenyl anthranilate	65405-76-7	1538	3925	09.561
1581	Citronellyl anthranilate	68555-57-7	1539	4086	
1582	Linalyl anthranilate	7149-26-0	1540	2637	09.721
1583	Cyclohexyl anthranilate	7779-16-0	1541	2350	09.722

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1584	beta-Terpinyl anthranilate	14481-52-8	1542	3048	09.724
1585	Phenylethyl anthranilate	133-18-6	1543	2859	09.723
1586	beta-Naphthyl anthranilate	63449-68-3	1544	2767	09.801
1587	Methyl N-methylantranilate	85-91-6	1545	2718	09.781
1588	Ethyl N-methylantranilate	35472-56-1	1546	4116	09.765
1589	Ethyl N-ethylantranilate	38446-21-8	1547	4115	09.764
1590	Isobutyl N- methylantranilate	65505-24-0	1548	4149	09.769
1591	Methyl N-formylantranilate	41270-80-8	1549	4171	09.650
1592	Methyl N-acetylantranilate	2719-08-6	1550	4170	09.649
1593	Methyl N,N- dimethylantranilate	10072-05-6	1551	4169	09.648
1594	N-Benzoylantranilic acid	579-93-1	1552	4078	16.087
1595	Trimethyloxazole	20662-84-4	1553	4394	13.169
1596	2,5-Dimethyl-4-ethyloxazole	30408-61-8	1554	4395	13.118
1597	2-Ethyl-4,5-dimethyloxazole	53833-30-0	1555	3672	13.091
1598	2-Isobutyl-4,5- dimethyloxazole	26131-91-9	1556	4397	13.195
1599	2-Methyl-4,5-benzo-oxazole	95-21-6	1557	4398	13.154
1600	2,4-Dimethyl-3-oxazoline	77311-02-5	1558	4429	13.115
1601	2,4,5-Trimethyl-delta-3- oxazoline	22694-96-8	1559	3525	13.039
1602	Allyl isothiocyanate	57-06-7	1560	2034	12.025
1603	Butyl isothiocyanate	592-82-5	1561	4082	12.107
1604	Benzyl isothiocyanate	622-78-6	1562	4428	12.102
1605	Phenethyl isothiocyanate	2257-09-2	1563	4014	12.193
1606	3-(Methylthio)propyl isothiocyanate	505-79-3	1564	3312	12.030
1607	4-Acetyl-2-methylpyrimidine	67860-38-2	1565	3654	14.070
1608	5,7-Dihydro-2- methylthieno(3,4-d)pyrimidine	36267-71-7	1566	3338	14.014
1609	1-Phenyl-(3 or 5)-propylpyrazole	65504-93-0	1568	3727	14.029
1610	4,5-Dimethyl-2-propyloxazole	53833-32-2	1569	4396	13.112
1611	4,5-Epoxy-(E)-2- decenal	188590-62-7	1570	4037	
1612	beta-Ionone epoxide	23267-57-4	1571	4144	07.170
1613	trans-Carvone-5,6-oxide	18383-49-8	1572	4084	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1614	Epoxy oxophorone	38284-11-6	1573	4109	
1615	Piperitenone oxide	35178-55-3	1574	4199	
1616	beta-Caryophyllene oxide	1139-30-6	1575	4085	16.043
1617	Ethyl 3-phenyl-2,3- epoxypropionate	121-39-1	1576	2454	16.018
1618	Ethyl methylphenylglycidate	77-83-8	1577	2444	16.015
1619	Ethyl methyl-p-tolyglycidate	74367-97-8	1578	3757	16.040
1620	Ethylamine	75-04-7	1579	4236	11.015
1621	Propylamine	107-10-8	1580	4237	11.004
1622	Isopropylamine	75-31-0	1581	4238	11.018
1623	Butylamine	109-73-9	1582	3130	11.003
1624	Isobutylamine	78-81-9	1583	4239	11.002
1625	sec-Butylamine	13952-84-6	1584	4240	11.005
1626	Pentylamine	110-58-7	1585	4242	11.021
1627	2-Methylbutylamine	96-15-1	1586	4241	11.020
1628	Isopentylamine	107-85-7	1587	3219	11.001
1629	Hexylamine	111-26-2	1588	4243	11.016
1630	Phenethylamine	64-04-0	1589	3220	11.006
1631	2-(4-Hydroxyphenyl)ethylamine	51-67-2	1590	4215	11.007
1632	1-Amino-2-propanol	78-96-6	1591	3965	
1633	Butyramide	541-35-5	1593	4252	
1634	1,6-Hexalactam	105-60-2	1594	4235	16.052
1635	2-Isopropyl-N,2,3- trimethylbutyramide	51115-67-4	1595	3804	16.053
1636	N-Ethyl (E)-2,(Z)-6- nonadienamide	608514-56-3	1596	4113	
1637	N-Cyclopropyl (E)-2,(Z)-6-nonadienamide	608514-55-2	1597	4087	
1638	N-Isobutyl (E,E)-2,4- decadienamide	18836-52-7	1598	4148	16.091
1639	Nonanoyl 4-hydroxy-3- methoxybenzylamide	2444-46-4	1599	2787	16.006
1640	Piperine	94-62-2	1600	2909	14.003
1641	N-Ethyl 2-isopropyl-5- methylcyclohexanecarboxamide	39711-79-0	1601	3455	16.013
1642	() N,N-Dimethyl menthyl succinamide	544714-08-1	1602	4230	16.092

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1643	1-Pyrroline	5724-81-2 315	1603	3898	14.167
1644	2-Acetyl-1-pyrroline	85213-22-5	1604	4249	14.080
1645	2-Propionylpyrroline	133447-37-7	1605	4063	
1646	Isopentylidene isopentylamine	35448-31-8	1606	3990	11.017
1647	Piperidine	110-89-4	1607	2908	14.010
1648	2-Methylpiperidine	109-05-7	1608	4244	14.133
1649	Pyrrolidine	123-75-1	1609	3523	14.064
1650	Trimethylamine	75-50-3	1610	3241	11.009
1651	Triethylamine	121-44-8	1611	4246	11.023
1652	Tripopylamine	102-69-2	1612	4247	11.026
1653	N,N-Dimethylphenethylamine	1126-71-2; 19342-01-9	1613	4248	
1654	Trimethylamine oxide	1184-78-7	1614	4245	11.025
1655	Piperazine	110-85-0	1615	4250	14.141
1656	Methyl 4-pentenoate	818-57-5	1616	4353	
1657	2-Methylbut-2-en-1-ol	4675-87-0	1617	4178	02.174
1658	Ethyl 4-pentenoate	1968-40-7	1618	4360	
1659	4-Pentenal	2100-17-6	1619	4262	05.174
1660	3-Isopropenylpentanedioic acid	6839-75-4	1620	4352	
1661	trans-3-Hexenol	928-97-2	1621	4356	
1662	trans-4-Hexenal	25166-87-4	1622	4046	05.224
1663	5-Hexenol	821-41-0	1623	4351	
1664	Methyl (Z)-3-hexenoate	13894-62-7	1624	4164	09.937
1665	cis-4-Octenol	54393-36-1	1625	4354	
1666	Ethyl (Z)-3-hexenoate	64187-83-3	1626	4112	09.939
1667	3-Octenoic acid	1577-19-1	1627	4362	
1668	(Z)-3-Octenyl propionate	94134-03-9	1628	4189	
1669	trans-4-Octenoic acid	18776-92-6	1629	4357	
1670	Methyl (Z)-5-octenoate	41654-15-3	1630	4165	09.934
1671	cis-5-Octenoic acid	41653-97-8	1631	4350	
1672	Ethyl 3-octenoate	1117-65-3	1632	4361	09.377
1673	cis-4-Decenol	57074-37-0	1633	4349	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1674	Isobutyl 10-undecenoate	5421-27-2	1634	4358	
1675	11-Dodecenoic acid	65423-25-8	1635	4355	
1676	(Z)-4-Dodecenal	21944-98-9	1636	4036	05.220
1677	cis-9-Octadecenol	143-28-2	1637	4363	
1678	cis-9-Octadecenyl acetate	693-80-1	1638	4359	
1679	Methyl-10-undecenoate	111-81-9	1639	4253	
1680	(Z)-8-Tetradecenal	169054-69-7	1640	4066	05.208
1681	Octadec-9-enal	5090-41-5	1641	4059	05.203
1682	(E)-4-Nonenal	2277-16-9	1642	4302	
1683	2,3,4-Trimethyl-3-pentanol	3054-92-0	1643	3903	02.245
1684	(-)-2,4,8-Trimethyl-7-nonen-2-ol	437770-28-0	1644	4212	02.250
1685	(E)- and (Z)-2,4,8-Trimethyl-3,7-nonadien-2-ol	479547-57-4	1645	4211	02.251
1686	Nerolidol	7212-44-4	1646	2772	02.018
1687	6-Acetoxydihydrotheaspirane	57893-27-3	1647	3651	13.087
1688	6-Hydroxydihydrotheaspirane	65620-50-0 57967-68-7	1648	3549	13.076
1689	1-Phenyl-3-methyl-3-pentanol	10415-87-9	1649	2883	02.037
1690	p-alpha,alpha-Trimethylbenzyl alcohol	1197-01-9	1650	3242	02.042
1691	(-)-Ethyl-2-hydroxy-2-methylbutyrate	77-70-3	1651	4268	
1692	(-)-Ethyl 2-hydroxy-3-methylvalerate	24323-38-4	1652	4269	
1693	alpha,alpha-Dimethylphenethyl alcohol	100-86-7	1653	2393	02.035
1694	alpha,alpha-Dimethylphenethyl formate	10058-43-2	1654	2395	09.086
1695	alpha,alpha-Dimethylphenethyl acetate	151-05-3	1655	2392	09.227
1696	alpha,alpha-Dimethylphenethyl butyrate	10094-34-5	1656	2394	09.232
1697	alpha,alpha-Dimethylbenzyl isobutyrate	7774-60-9	1657	2388	09.509
1698	Ethanethiol	75-08-1	1659	4258	12.017
1699	Ethane-1,1-dithiol	69382-62-3	1660	4111	12.293
1700	Dimercaptomethane	6725-64-0	1661	4097	12.243
1701	1-Pentanethiol	110-66-7	1662	4333	12.191
1702	Heptane-1-thiol	1639-09-4	1663	4259	12.130
1703	2-Heptanethiol	628-00-2	1664	4128	12.288

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1704	(R)-1-Phenylethylmercaptan	6263-65-6	1665	4061	12.289
1705	2-Mercaptoanisole	7217-59-6	1666	4159	12.139
1706	Propyl 2- mercaptopropionate	19788-50-2	1667	4207	12.267
1707	Methionyl butyrate	16630-60-7	1668	4160	12.277
1708	(R)-4-Mercapto-4-methyl-2- pentanol	31539-84-1	1669	4158	12.252
1709	4-Mercapto-2-pentanone	92585-08-5	1670	4157	12.264
1710	(S)-1-Methoxy-3-heptanthiol	400052-49-5	1671	4162	12.276
1711	Diisopentyl thiomalate	68084-03-7	1672	4096	12.108
1712	cis- and trans-Mercapto-p- menthan-3-one	29725-66-4	1673	4300	12.259
1713	Methyl 3- mercaptobutanoate	54051-19-3	1674	4167	12.290
1714	Methylthiomethylmercaptan	29414-47-9	1675	4185	12.242
1715	Thioacetic acid	507-09-5	1676	4210	
1716	(R)-Isobutyl 3- methylthiobutyrate	127931-21-9	1677	4150	12.214
1717	S-Methyl propanethioate	5925-75-7	1678	4172	12.165
1718	S-Isopropyl 3-methylbut-2- enethioate	34365-79-2	1679	4260	12.134
1719	S-Ethyl 2-acetylamino ethantioate	4396-62-7	1680	4039	
1720	Allyl thiohexanoate	156420-69-8	1681	4076	12.275
1721	2-Methyl-1-methylthio-2- butene	89534-74-7	1683	4173	12.265
1722	2,4,6-Trithiaheptane	6540-86-9	1684	4214	12.240
1723	(R)-2,8-Epithio-cis-p- menthane	68398-18-5	1685	4108	
1724	3,5-Diethyl-1,2,4-trithiolane	54644-28-9	1686	4030	15.049
1725	3,6-Diethyl-1,2,4,5-tetrathiane, mixture with 3,5-diethyl-1,2,4-trithiolane	54717-12-3; 54644-28-9	1687	4094	12.274
1726	3-Methylthio-2-butanone	53475-15-3	1688	4181	12.285
1727	4-Methylthio-2-pentanone	143764-28-7	1689	4182	12.286
1728	Methyl 3- (methylthio)butanoate	207983-28-6	1690	4166	12.287
1729	Methyl (methylthio)acetate	16630-66-3	1691	4003	12.146
1730	(R)-3-(Methylthio)heptanal	51755-70-5	1692	4183	12.273
1731	Methyl ethyl disulfide	20333-39-5	1693	4040	12.153
1732	Ethyl propyl disulfide	30453-31-7	1694	4041	12.126

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1733	Ethyl propyl trisulfide	31499-70-4	1695	4042	
1734	Methyl isopentyl disulfide	72437-56-0	1696	4168	12.294
1735	Amyl methyl disulfide	72437-68-4	1697	4025	12.253
1736	Butyl ethyl disulfide	63986-03-8	1698	4027	12.254
1737	Diethyl disulfide	110-81-6	1699	4093	12.012
1738	Allyl propyl disulfide	2179-59-1	1700	4073	12.021
1739	Diethyl trisulfide	3600-24-6	1701	4029	
1740	Propyl propane thiosulfonate	1113-13-9	1702	4263	
1741	() 3-(Ethylthio)butanol	117013-33-9	1703	4282	
1742	Hexyl 3-mercaptobutanoate	796857-79-9	1704	4136	12.292
1743	()-3-Mercapto-1-butyl acetate	89534-38-3	1705	4325	
1744	3-Mercapto-3-methyl-1-butyl acetate	50746-09-3	1706	4324	
1745	2,5-Dithiahexane	6628-18-8	1707	4298	
1746	3-Mercaptoheptyl acetate	548774-80-7	1708	4289	12.297
1747	bis-(1- Mercaptopropyl)sulfide	53897-60-2	1709	4297	12.284
1748	S-Allyl-L-cysteine	21593-77-1	1710	4322	17.036
1749	2,4-Dimethyl-1,3-dioxolane	3390-12-3	1711	4099	06.077
1750	2-Hexyl-4,5-dimethyl-1,3-dioxolane	6454-22-4	1712	4048	06.089
1751	cis- and trans-Ethyl 2,4-dimethyl-1,3-dioxolane-2-acetate	6290-17-1	1715	4294	06.087
1752	Dihydroxyacetone dimer	62147-49-3; 96-26-4	1716	4033	
1753	1-Hydroxy-2-butanone	5077-67-8	1717	3173	07.090
1754	Ethyl 3-acetoxy-2-methylbutyrate	139564-43-5	1718	4038	09.919
1755	Methyl 5-acetoxyhexanoate	35234-22-1	1719	4055	09.632
1756	()-1-Acetoxy-1-ethoxyethane	1608-72-6	1726	4069	03.023
1757	Acetaldehyde hexyl isoamyl acetal	233665-90-2	1727	4365	06.114
1758	1,1-Dimethoxy-trans-2-hexene	18318-83-7	1728	4098	06.072
1759	Acetaldehyde diisoamyl acetal	13002-09-0	1729	4024	06.055
1760	Isovaleraldehyde diethyl acetal	3842-03-3	1730	4371	06.059
1761	Valeraldehyde dibutyl acetal	13112-65-7	1731	4375	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1762	Isovaleraldehyde propyleneglycol acetal	18433-93-7	1732	4286	06.135
1763	Isovaleraldehyde glyceryl acetal	54355-74-7	1733	4380	
1764	Valeraldehyde propyleneglycol acetal	74094-60-3	1734	4372	
1765	Hexanal hexyl isoamyl acetal	896447-13-5	1735	4369	
1766	Hexanal octane-1,3-diol acetal	202188-46-3	1736	4377	
1767	Hexanal butane-2,3-diol acetal	155639-75-1	1737	4384	
1768	Hexanal dihexyl acetal	33673-65-3	1738	4370	
1769	Heptanal propyleneglycol acetal	4351-10-4	1739	4368	
1770	2,6-Dimethyl-5-heptenal propyleneglycol acetal	74094-63-6	1740	4382	
1771	Octanal propyleneglycol acetal	74094-61-4	1741	4383	
1772	Nonanal dimethyl acetal	18824-63-0	1742	4367	
1773	Nonanal propyleneglycol acetal	68391-39-9	1743	4373	
1774	Decanal propyleneglycol acetal	5421-12-5	1744	4364	
1775	Undecanal propyleneglycol acetal	74094-62-5	1745	4374	
1776	Dodecanal dimethyl acetal	14620-52-1	1746	4366	
1777	Acetaldehyde di-cis-3-hexenyl acetal	63449-64-9	1747	4381	
1778	Isobutanal propyleneglycol acetal	67879-60-1	1748	4287	
1779	Acetaldehyde 1,3-octadiol acetal	202188-43-0	1749	4376	
1780	1-(3-Hydroxy-5-methyl-2-thienyl)ethanone	133860-42-1	1750	4142	
1781	2-(5-Methyl-4-thiazolyl)ethyl formate	90731-56-9	1751	4275	
1782	2-(4-Methyl-5-thiazolyl)- ethyl propionate	324742-96-3	1752	4276	
1783	2-(4-Methyl-5-thiazolyl)ethyl butanoate	94159-31-6	1753	4277	
1784	2-(5-Methyl-4-thiazolyl)ethyl isobutyrate	324742-95-2	1754	4278	
1785	2-(4-Methyl-5-thiazolyl)ethylhexanoate	94159-32-7	1755	4279	
1786	2-(4-Methyl-5-thiazolyl)- ethyl octanoate	163266-17-9	1756	4280	
1787	2-(4-Methyl-5-thiazolyl)ethyl decanoate	101426-31-7	1757	4281	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1788	2,5-Dimethylthiazole	4175-66-0	1758	4035	15.063
1789	2-Acetyl-2-thiazoline	29926-41-8	1759	3817	15.010
1790	2-Propionyl-2-thiazoline	29926-42-9	1760	4064	15.128
1791	cis- and trans-5-Ethyl-4-methyl-2-(2-methylpropyl)-thiazoline	83418-53-5	1761	4319	15.130
1792	cis- and trans-5-Ethyl-4-methyl-2-(1-methylpropyl)-thiazoline	83418-54-6	1762	4318	15.131
1793	Pyrrolidino-[1,2e]-4H-2,4-dimethyl-1,3,5-dithiazine	116505-60-3	1763	4321	15.055
1794	2-Hexylthiophene	18794-77-9	1764	4137	15.076
1795	3-(Methylthio)methylthiophene	61675-72-7	1765	4184	15.126
1796	5-Acetyl-2,3-dihydro-1,4-thiazine	164524-93-0	1766	4296	
1797	N-(Heptan-4-yl)benzo[d][1,3]dioxole-5-carboxamide	745047-51-2	1767	4232	16.098
1798	N1-(2,4-Dimethoxybenzyl)-N2-(2-(pyridin-2-yl)ethyl)oxalamide	745047-53-4	1768	4233	16.099
1799	N1-(2-Methoxy-4-methylbenzyl)-N2-(2-(5-methylpyridin-2-yl)ethyl)oxalamide	745047-94-3	1769	4234	16.100
1800	N1-(2-Methoxy-4-methylbenzyl)-N2-(2-(pyridin-2-yl)ethyl)oxalamide	745047-97-6	1770	4231	16.101
1801	4-Aminobutyric acid	56-12-2	1771	4288	17.035
1802	N-(2-Hydroxyethyl)galactonamide	686298-93-1	1772	4254	16.102
1803	N-Gluconyl ethanolamine phosphate	791807-20-0	1773	4255	16.105
1804	N-Lactoyl ethanolamine	5422-34-4	1774	4256	16.103
1805	N-Lactoyl ethanolamine phosphate	782498-03-7	1775	4257	16.104
1806	N-[(Ethoxycarbonyl)methyl]-p-menthane-3-carboxamide	68489-14-5	1776	4309	16.111
1807	N-[2-(3,4-Dimethoxyphenyl)ethyl]-3,4-dimethoxycinnamic acid	69444-90-2	1777	4310	16.090
1808	N-3,7-Dimethyl-2,6-octadienyl cyclopropylcarboxamide	744251-93-2	1779	4267	16.095
1809	2,4-Hexadienyl acetate	1516-17-2	1780	4132	09.573
1810	2,4-Hexadienyl propionate	16491-25-1	1781	4131	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1811	2,4-Hexadienyl isobutyrate	16491-24-0	1782	4134	
1812	2,4-Hexadienyl butyrate	16930-93-1	1783	4133	
1813	2,4-Heptadien-1-ol	33467-79-7	1784	4127	02.153
1814	trans-2-trans-4-Heptadien-1-ol	33467-79-7	1784	4127	
1815	Nona-2,4,6-trienal	57018-53-8	1785	4187	05.173
1816	2,4,7-Decatrienal	51325-37-2	1786	4089	05.141
1817	Estragole	140-67-0	1789	2411	
1818	(Z)-2-Penten-1-ol	20273-24-9	1793	4305	02.050
1819	(E)-Dec-2-en-1-ol	18409-18-2; 22104-80-9	1794	4304	02.137
1820	(Z)-Pent-2-enyl hexanoate	74298-89-8	1795	4191	09.678
1821	(E)-2-Hexenyl octanoate	85554-72-9	1796	4135	09.841
1822	trans-2-Hexenyl 2-methylbutyrate	94089-01-7	1797	4274	
1823	Hept-trans-2-en-1-yl acetate	16939-73-4	1798	4125	09.385
1824	(E,Z)-Hept-2-en-1-yl isovalerate	253596-70-2	1799	4126	09.303
1825	trans-2-Hexenal glyceryl acetal	214220-85-6	1800	4273	
1826	trans-2-Hexenal propylene glycol acetal	94089-21-1	1801	4272	
1827	cis- and trans-1-Methoxy-1-decene	79930-37-3	1802	4161	03.022
1828	(E)-Tetradec-2-enal	51534-36-2	1803	4209	05.179
1829	(E)-2-Pentenoic acid	13991-37-2	1804	4193	08.107
1830	(E)-2-Octenoic acid	1871-67-6	1805	3957	08.114
1831	Ethyl trans-2-butenoate	10544-63-5; 623-70-1	1806	3486	09.248
1832	Hexyl 2-butenoate	19089-92-0	1807	3354	09.266
1833	Hexyl (E)-but-2-enoate	1617-25-0	1807	3354	09.578
1834	Ethyl trans-2-hexenoate	27829-72-7	1808	3675	09.850
1835	(E,Z)-Methyl 2-hexenoate	2396-77-2	1809	2709	09.181
1836	Hexyl trans-2-hexenoate	33855-57-1	1810	3692	09.292
1837	Methyl oct-2(trans)-enoate	7367-81-9	1811	3712	09.299
1838	Ethyl trans-2-octenoate	7367-82-0	1812	3643	09.285
1839	(E,Z)-Methyl 2-nonenoate	111-79-5	1813	2725	09.234
1840	trans-2-Decenal	7367-88-6	1814	3641	09.283

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1841	Ethyl (E)-2-methyl-2-pentenoate	1617-40-9	1815	4290	
1842	2-Methylbutyl 3-methyl-2-butenolate	97890-13-6	1816	4306	09.942
1843	(E)- and (Z)-5-(2,2-Dimethylcyclopropyl)-3-methyl-2-pentenal	877-60-1	1817	4105	
1844	(E,Z)-4-Methylpent-2-enoic acid	10321-71-8	1818	4180	08.099
1845	(E)-4-Ethylcyclohexanone	58475-04-0	1819	4117	05.223
1846	(E)-Geranyl 2-methylbutyrate	68705-63-5	1820	4122	09.382
1847	(E)-Geranyl valerate	10402-47-8	1821	4123	09.150
1848	(E)-Geranyl tiglate	7785-33-3	1822	4044	09.383
1849	(E)-Citronellyl 2-methylbut-2-enoate	24717-85-9	1823	4295	09.340
1850	(E)-Ethyl tiglate	5837-78-5	1824	2460	09.495
1851	(E,Z)-Geranic acid	459-80-3	1825	4121	08.081
1852	Prenyl formate	68480-28-4	1826	4205	09.694
1853	Prenyl acetate	1191-16-8	1827	4202	09.692
1854	Prenyl isobutyrate	76649-23-5	1828	4206	09.695
1855	Prenyl caproate	76649-22-4	1829	4204	
1856	(E)-Dihydrofarnesol	51411-24-6	1830	4031	
1857	(E,Z)-3,7,11-Trimethyldodeca-2,6,10-trienyl acetate	29548-30-9	1831	4213	09.818
1858	(E,Z)-Phytol	150-86-7	1832	4196	02.204
1859	(E,Z)-Phytyl acetate	10236-16-5	1833	4197	09.691
1860	Methyl 2-methyl-2-propenoate	80-62-6	1834	4002	09.647
1861	Isopropenyl acetate	108-22-5	1835	4152	09.822
1862	1-Octen-3-yl acetate	2442-10-6	1836	3582	09.281
1863	1-Octen-3-yl butyrate	16491-54-6	1837	3612	09.282
1864	6-Methyl-5-hepten-2-yl acetate	19162-00-6	1838	4177	09.938
1865	3-(Hydroxymethyl)-2-octanone	59191-78-5	1839	3292	07.097
1866	(E)-[R-(E)]-5-Isopropyl-8-methylnona-6,8-dien-2-one	2278-53-7	1840	4331	07.239

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1867	(<i>l</i>)-cis- and trans-4,8-Dimethyl-3,7-nonadien-2-ol	67845-50-5	1841	4102	02.252
1868	(<i>l</i>)-1-Hepten-3-ol	4938-52-7	1842	4129	02.155
1869	(<i>E,Z</i>)-4-Octen-3-one	14129-48-7	1843	4328	
1870	(<i>E</i>)-2-Nonen-4-one	27743-70-0	1844	4301	
1871	(<i>E</i>)-5-Nonen-2-one	27039-84-5	1845	4326	
1872	(<i>Z</i>)-3-Hexenyl 2-oxopropionate	68133-76-6	1846	3934	09.565
1873	(<i>l</i>)-cis and trans-4,8-Dimethyl-3,7-nonadien-2-yl acetate	91418-25-6	1847	4103	09.936
1874	(<i>E</i>)-1,5-Octadien-3-one	65213-86-7	1848	4405	07.190
1875	10-Undecen-2-one	36219-73-5	1849	4406	
1876	2,4-Dimethyl-4-nonanol	74356-31-3	1850	4407	02.253
1877	8-Nonen-2-one	5009-32-5	1851	4408	
1878	Menthyl valerate	89-47-4	1852	4156	09.154
1879	2-(<i>l</i> -Menthoxyl)ethanol	38618-23-4	1853	4154	02.247
1880	<i>l</i> -Menthyl acetoacetate	59557-05-0	1854	4327	
1881	<i>l</i> -Menthyl (<i>R,S</i>)-3-hydroxybutyrate	108766-16-1; 115869-76-6	1855	4308	09.949
1882	<i>l</i> -Piperitone	4573-50-6	1856	4200	07.255
1883	2,6,6-Trimethylcyclohex-2-en-1,4-dione	1125-21-9	1857	3421	07.109
1884	Menthyl pyrrolidone carboxylate	68127-22-0	1858	4155	
1885	3,9-Dimethyl-6-(<i>l</i> -methylethyl)-1,4-dioxaspiro[4.5]decan-2-one	831213-72-0	1859	4285	06.136
1886	8- <i>p</i> -Menthene-1,2-diol	1946-00-5	1860	4409	
1887	<i>d</i> -2,8- <i>p</i> -Menthadien-1-ol	22771-44-4	1861	4411	
1888	Dehydronootkatone	5090-63-1	1862	4091	
1889	Isobornyl isobutyrate	85586-67-0	1863	4146	09.584
1890	<i>l</i> -Bornyl acetate	5655-61-8	1864	4080	09.848
1891	Thujyl alcohol	21653-20-3	1865	4079	02.207
1892	Vetiverol	89-88-3	1866	4217	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1893	Vetiveryl acetate	117-98-6	1867	4218	
1894	3-Pinanone	18358-53-7	1868	4198	07.171
1895	Isobornyl 2-methylbutyrate	94200-10-9	1869	4147	09.888
1896	Verbenone	80-57-9	1870	4216	07.196
1897	Methyl hexanoate	106-70-7	1871	2708	09.069
1898	Hexyl heptanoate	1119-06-8	1872	4337	
1899	Hexyl nonanoate	6561-39-3	1873	4339	
1900	Hexyl decanoate	10448-26-7	1874	4342	
1901	Heptyl heptanoate	624-09-9	1875	4341	
1902	Dodecyl propionate	6221-93-8	1876	4338	
1903	Dodecyl butyrate	3724-61-6	1877	4340	
1904	4-Hydroxy-3,5- dimethoxybenzaldehyde	134-96-3	1878	4049	05.153
1905	Vanillin 3-(1- menthoxy)propane-1,2-diol acetal	180964-47-0	1879	3904	02.248
1906	Sodium 4- methoxybenzoyloxyacetate	17114-82-8	1880	4016	
1907	Divanillin	2092-49-1	1881	4107	05.221
1908	Vanillin propylene glycol acetal	68527-74-2	1882	3905	06.104
1909	4-Methoxybenzoyloxyacetic acid	10414-68-3	1883	4016	
1910	Methyl isothiocyanate	556-61-6	1884	4426	
1911	Ethyl isothiocyanate	542-85-8	1885	4420	
1912	Isobutyl isothiocyanate	591-82-2	1886	4424	
1913	Isoamyl isothiocyanate	628-03-5	1887	4423	
1914	Isopropyl isothiocyanate	2253-73-8	1888	4425	
1915	3-Butenyl isothiocyanate	3386-97-8	1889	4418	12.283
1916	2-Butyl isothiocyanate	4426-79-3	1890	4419	
1917	Amyl isothiocyanate	629-12-9	1891	4417	
1918	4-(Methylthio)butyl isothiocyante	4430-36-8	1892	4414	
1919	4-Pentenyl isothiocyanate	18060-79-2	1893	4427	
1920	5-Hexenyl isothiocyanate	49776-81-0	1894	4421	
1921	Hexyl isothiocyanate	4404-45-9	1895	4422	
1922	5-(Methylthio)pentyl isothiocyanate	4430-42-6	1896	4416	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1923	6-(Methylthio)hexyl isothiocyanate	4430-39-1	1897	4415	
1924	Methyl 3-oxo-2-pentyl-1-cyclopentylacetate	24851-98-7	1898	3408	09.520
1925	cis-4-(2,2,3-Trimethylcyclopentyl)butanoic acid	957136-80-0	1899	4529	08.135
1926	(2,4)- and (3,5)- and (3,6)- Dimethyl-3-cyclohexenylcarbaldehyde	27939-60-2	1900	4505	
1927	Perillaldehyde propyleneglycol acetal	121199-28-8	1901	4530	
1928	() cis and trans-1,2- Dihydroperillaldehyde	22451-50-9; 22451-49-6	1902	4312	
1929	d-Limonen-10-ol	38142-45-9	1903	4504	
1930	p-Menthan-7-ol	5502-75-0	1904	4507	
1931	p-Menth-1-en-9-ol	18479-68-0	1905	4508	
1932	1,3-p-Menthadien-7-al	1197-15-5	1906	4506	
1933	cis- and trans-2-Heptylcyclopropanecarboxylic acid	697290-76-9; 697290-77-0	1907	4130	08.131
1934	()-cis- and trans-2-Methyl-2-(4-methyl-3-pentenyl)cyclopropanecarbaldehyde	97231-35-1	1908	4393	
1935	Methyl octyl sulfide	3698-95-1	1909	4573	
1936	Methyl 1-propenyl sulfide	10152-77-9	1910	4574	12.163
1937	Di-(1-propenyl)-sulfide (mixture of isomers)	65819-74-1; 37981-37-6; 37981-36-5	1911	4386	12.298
1938	Ethyl 2-hydroxyethyl sulfide	110-77-0	1912	4562	
1939	2-(Methylthio)ethyl acetate	5862-47-5	1913	4560	
1940	3-(Methylthio)propyl mercaptoacetate	852997-30-9	1914	4561	
1941	Ethyl 3-(methylthio)-cis-2-propenoate	136115-66-7	1915	4563	
1942	Ethyl 3-(methylthio)-trans-2-propenoate	136115-65-6; 26398-93-6	1916	4564	
1943	Ethyl 3-(methylthio)-2-propenoate	77105-51-2	1917	4565	
1944	4-Methyl-2-(methylthiomethyl)-2-pentenal	40878-73-7	1918	4568	
1945	4-Methyl-2-(methylthiomethyl)-2-hexenal	99910-84-6	1919	4566	
1946	5-Methyl-2-(methylthiomethyl)-2-hexenal	85407-25-6	1920	4567	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1947	Butyl beta-(methylthio)acrylate	77105-53-4	1921	4571	
1948	Ethyl 3-(ethylthio)butyrate	90201-28-8	1922	4572	
1949	2-Oxothiolane	1003-10-7	1923	4570	
1950	Dodecanethiol	112-55-0	1924	4581	
1951	2-Hydroxyethanethiol	60-24-2	1925	4582	
1952	4-Mercapto-4-methyl-2-hexanone	851768-52-0	1926	4583	
1953	3-Mercapto-3-methylbutyl isovalerate	612071-27-9	1927	4584	
1954	(-)-Ethyl 3-mercapto-2-methylbutanoate	888021-82-7	1928	4392	
1955	3-Mercaptohexanal	51755-72-7	1929	4585	12.250
1956	Diisoamyl disulfide	2051-04-9	1930	4575	
1957	bis(2-Methylphenyl) disulfide	4032-80-8	1931	4576	
1958	Butyl propyl disulfide	72437-64-0	1932	4577	
1959	Di-sec-butyl disulfide	5943-30-6	1933	4578	
1960	Diisoamyl trisulfide	955371-64-9	1934	4580	
1961	Methyl 2-methylphenyl disulfide	35379-09-0	1935	4579	
1962	3-Mercaptopropionic acid	107-96-0	1936	4587	
1963	Methyl isobutanethioate	42075-42-3	1937	4586	
1964	2-Ethylhexyl 3-mercapto- propionate	50448-95-8	1938	4588	
1965	Butanal dibenzyl thioacetal	101780-73-8	1939	4589	
1966	Methional diethyl acetal	16630-61-8	1940	4590	
1967	3-(Methylthio)propyl hexanoate	906079-63-8	1941	4436	12.299
1968	1-(3-(Methylthio)-butyryl)- 2,6,6-trimethylcyclohexene	68697-67-6	1942	4569	
1969	(-)-cis- and trans-2-Pentyl-4- propyl-1,3-oxathiane	59323-81-8	1943	4499	16.114
1970	2-Pentenyl-4-propyl-1,3- oxathiane (mixture of isomers)	1094004-39-3	1944	4526	
1971	Hydroxyacetone	116-09-6	1945	4462	07.169
1972	Propyl pyruvate	20279-43-0	1946	4484	
1973	Methyl 3-hydroxybutyrate	1487-49-6	1947	4450	
1974	Dodecyl lactate	6283-92-7	1948	4482	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
1975	(-)-Ethyl 3-hydroxy-2-methylbutyrate	27372-03-8	1949	4391	
1976	Hexadecyl lactate	³²⁷ 35274-05-6	1950	4483	
1977	Methyl 3-acetoxy-2-methylbutyrate	139564-42-4	1951	4451	
1978	1-Hydroxy-4-methyl-2-pentanone	68113-55-3	1952	4463	
1979	Ethyl 2-acetylhexanoate	1540-29-0	1953	4452	
1980	3-Isopropenyl-6-oxoheptanoic acid	4436-82-2	1954	4461	
1981	Ethyl 3-hydroxyoctanoate	7367-90-0	1955	4453	09.916
1982	Methyl 3-acetoxyoctanoate	35234-21-0	1956	4454	
1983	5-Oxooctanoic acid	3637-14-7	1957	4455	
1984	Ethyl 2-acetyloctanoate	29214-60-6	1958	4459	
1985	Ethyl 5-acetoxyoctanoate	35234-25-4	1959	4443	
1986	5-Oxodecanoic acid	624-01-1	1960	4456	
1987	Ethyl 5-oxodecanoate	93919-00-7	1961	4457	
1988	Ethyl 5-hydroxydecanoate	75587-06-3	1962	4444	
1989	5-Oxododecanoic acid	3637-16-9	1963	4458	
1990	Dimethyl adipate	monobutyrate 627-93-0	1964	4472	
1991	Dipropyl adipate	106-19-4	1965	4473	
1992	Diisopropyl adipate	6938-94-9	1966	4474	
1993	Diisobutyl adipate	141-04-8	1967	4475	
1994	Diethyl adipate	123-79-5	1968	4476	09.951
1995	Ethyl acetoacetate ethyleneglycol ketal	6413-10-1	1969	4477	
1996	Methyl levulinate	624-45-3	1970	4478	
1997	Propyl levulinate	645-67-0	1971	4480	
1998	Isoamyl levulinate	71172-75-3	1972	4481	
1999	Ethyl levulinate propyleneglycol ketal	57197-36-1	1973	4479	
2000	cis-3-Hexenyl acetoacetate	84434-20-8	1974	4489	
2001	Hydroxycitronellalpropyleneglycol acetal	93804-64-9	1975	4485	
2002	Propyleneglycol diacetate	623-84-7	1976	4464	
2003	6-[5(6)-Decenoyloxy]decanoic acid	85392-05-8; 85392-06-9	1977	4442	
2004	Propyleneglycol dipropionate	10108-80-2	1978	4465	
2005	Propyleneglycol	29592-95-8	1979	4488	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2006	Propyleneglycol dibutyrate	50980-84-2	1980	4466	
2007	Propyleneglycol mono-2- methylbutyrate	923593-56-0; 923593-57-1	1981	4467	
2008	Propyleneglycol di-2- methylbutyrate	155514-30-0	1982	4468	
2009	Propyleneglycol monohexanoate	39556-41-7; 170678-49-6	1983	4469	
2010	Propyleneglycol dihexanoate	50343-36-7	1984	4470	
2011	Propyleneglycol dioctanoate	7384-98-7	1985	4471	
2012	2-Oxo-3-ethyl-4- butanolide	923291-29-6	1986	4460	
2013	Ethyl 5-hydroxyoctanoate	75587-05-2	1987	4610	
2014	Isopropylidenglyceryl 5- hydroxydecanoate	172201-58-0	1988	4611	
2015	5-Pentyl-3H-furan-2-one 5-Hyxdroxy-4-	51352-68-2	1989	4323	10.170
2016	5-Hyxdroxy-4-methylhexanoic acid delta-lactone	10413-18-0	1990	4141	10.168
2017	Isoambrettolide	28645-51-4	1991	4145	10.063
2018	7-Decen-4-olide	67114-38-9	1992	4439	10.038
2019	9-Decen-5-olide	74585-00-5	1993	4440	
2020	8-Decen-5-olide	32764-98-0	1994	4441	10.040
2021	Orin lactone	134359-15-2	1995	4449	
2022	9-Dodecen-5-olide	15456-68-5	1996	4445	
2023	9-Tetradecen-5-olide	15456-70-9	1997	4448	
2024	gamma-Octadecalactone	502-26-1	1998	4446	
2025	delta-Octadecalactone	1227-51-6	1999	4447	
2026	4-hydroxy-2-butenic acid gamma-lactone	497-23-4	2000	4138	10.066
2027	2-nonenoic acid gamma- lactone	21963-26-8	2001	4188	10.054
2028	4-hydroxy-2,3-dimethyl-2,4- nonadienoic acid gamma lactone	774-64-1	2002	4050	10.042
2029	Choline chloride (also includes choline)	67-48-1	2003	4500	
2030	3-(Methylthio)propylamine	4104-45-4	2004	4649	
2031	N-Ethyl-2,2-diisopropylbutanamide	51115-70-9	2005	4557	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2032	Cyclopropanecarboxylic acid (2-isopropyl-5-methyl- cyclohexyl)-amide	958660-02-1; 958660-04-3	2006	4558	16.115
2033	()-N-Lactoyl tyramine	781674-18-8	2007	4550	16.107
2034	N-(2-(Pyridin-2-yl)ethyl)-3-p- menthanecarboxamide	847565-09-7	2008	4549	16.118
2035	N-p-Benzene acetonitrile- menthane-carboxamide	852379-28-3	2009	4496	16.117
2036	N-(2-Hydroxyethyl)-2,3- dimethyl-2- isopropylbutanamide	883215-02-9	2010	4602	
2037	N-(1,1-Dimethyl-2-hydroxyethyl)-2,2- diethylbutanamide	51115-77-6	2011	4603	
2038	4-Propenylphenol	539-12-8	2012	4062	04.097
2039	2,4,6-Trimethylphenol	527-60-6	2013	4329	04.095
2040	Sodium 3-methoxy-4-hydroxycinnamate	24276-84-4	2014	3812	
2041	Guaiacol butyrate	4112-92-9	2015	4607	09.944
2042	Guaiacol isobutyrate	723759-62-4	2016	4608	09.945
2043	Guaiacol propionate	7598-60-9	2017	4609	09.943
2044	4-(2-Propenyl)phenyl-beta- D-glucopyranoside	64703-98-6	2018	4548	
2045	Phenyl butyrate	4346-18-3	2019	4621	
2046	Hydroxy(4-hydroxy-3- methoxyphenyl)acetic acid	55-10-7	2020	4660	08.134
2047	1-(4-hydroxy-3-methoxyphenyl)-decan-3- one	27113-22-0	2021	4665	07.234
2048	3-(4-Hydroxy-phenyl)-1- (2,4,6-trihydroxy-phenyl)- propan-1-one	60-82-2	2022	4390	16.109
2049	Magnolol	528-43-8	2023	4559	
2050	5,7-dihydroxy-2-(3-hydroxy- 4-methoxy-phenyl)- chroman-4-one	69097-99-0; 520-33-2	2024	4313	16.097

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2051	Dimethyl benzyl carbiny crotonate	³³⁰ 93762-34-6	2025	4403	
2052	Dimethylbenzyl carbiny hexanoate	891781-90-1	2026	4404	
2053	Caryophyllene alcohol	472-97-9; 56747-96-7	2027	4410	
2054	Cubebol	23445-02-5	2028	4497	
2055	(-)-Sclareol	515-03-7	2029	4502	02.206
2056	(-)-Cedrol	77-53-2	2030	4503	02.120
2057	alpha-bisabolol	23089-26-1	2031	4666	02.129
2058	3-Methyl-2,4-nonanedione	113486-29-6	2032	4057	07.184
2059	Acetoin propyleneglycol ketal	94089-23-3	2033	4532	
2060	Mixture of 3-Hydroxy-5- methyl-2-hexanone and 2- Hydroxy-5-methyl-3- hexanone	163038-04-8	2034	3989	07.260
2061	3-Hydroxy-2-octanone	37160-77-3	2035	4139	07.238
2062	2,3-Octanedione	585-25-1	2036	4060	07.248
2063	4,5-Octanedione	5455-24-3	2037	4533	07.071
2064	(-)-2-Hydroxypiperitone	490-03-9	2038	4143	07.168
2065	1,1'-(Tetrahydro-6a-hydroxy- 2,3a,5-trimethylfuro[2,3-d]- 1,3-dioxole-2,5-diyl)bis- ethanone	18114-49-3	2039	4303	
2066	4-Hydroxyacetophenone	99-93-4	2040	4330	07.243
2067	3-Hydroxy-4-phenylbutan-2-one	5355-63-5	2041	4052	07.242
2068	2-Methoxyacetophenone	579-74-8	2042	4163	07.254
2069	2-Aminoacetophenone	551-93-9	2043	3906	
2070	2-Methylacetophenone	577-16-2	2044	4316	07.259
2071	2-Hydroxy-5-methylacetophenone	1450-72-2	2045	4594	
2072	Dihydrogalangal acetate	129319-15-9	2046	4555	09.946
2073	2,3,3-Trimethylindan-1-one	54440-17-4	2047	4556	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2074	4-(3,4-Methylenedioxyphenyl)-2-butanone	55418-52-5 331	2048	2701	07.031
2075	2-(trans-2-Pentenyl)cyclopentanone	51608-18-5	2049	4284	
2076	2-Cyclopentylcyclopentanone	4884-24-6	2050	4514	
2077	Cyclohexanone diethyl ketal	1670-47-9	2051	4516	
2078	2-cyclohexenone	930-68-7	2052	4517	
2079	3,3,5-Trimethylcyclohexylacetate	67859-96-5	2053	4512	
2080	2,3,5-Trimethylcyclohexanone	7500-42-7	2054	4531	
2081	Cyclotene propionate	87-55-8	2055	4511	
2082	Cyclotene butyrate	68227-51-0	2056	4648	
2083	4-(2-Butenylidene)-3,5,5-trimethylcyclohex-2-en-1-one (mixture of isomers)	13215-88-8	2057	4663	
2084	4-Hydroxy-4-(3-hydroxy-1-butenyl)-3,5,5-trimethyl-2-cyclohexen-1-one	24427-77-8	2058	4661	
2085	(-)-8,9-Dehydrotheaspirone	85248-56-2	2059	4518	
2086	(-)-2,6,10,10-Tetramethyl-1-oxaspiro[4,5]deca-2,6-dien-8-one	80722-28-7	2060	4662	
2087	Benzyl hexanoate	6938-45-0	2061	4026	09.316
2088	o-Anisaldehyde	135-02-4	2062	4077	05.129
2089	Prenyl benzoate	5205-11-8	2063	4203	09.693
2090	Benzyl levulinate	6939-75-9	2064	4623	
2091	4-Methylbenzyl alcohol	589-18-4	2065	4624	
2092	Benzyl nonanoate	6471-66-5	2066	4626	
2093	4-Methylbenzaldehyde propyleneglycol acetal	58244-29-4	2067	4628	
2094	2-Ethylhexyl benzoate	5444-75-7	2068	4630	
2095	(-)-2-Phenyl-4-methyl-2-hexenal	26643-92-5	2069	4194	05.222
2096	(-)-Octan-3-yl formate	84434-65-1	2070	4009	09.926
2097	(R)-(-)-1-Octen-3-ol	3687-48-7	2071	4492	
2098	2-Pentyl 2-methylpentanoate	90397-36-7	2072	4401	
2099	3-Octyl butyrate	20286-45-7	2073	4402	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2100	2-Decanone	693-54-9	2074	4271	07.150
2101	6-Methyl-5-hepten-2-one propyleneglycol acetal	68258-95-7	2075	4400	
2102	2-Nonanone propyleneglycol acetal	165191-91-3	2076	4399	
2103	(2E,6E/Z,8E)-N-(2-Methylpropyl)-2,6,8-decatrienamamide	25394-57-4; 504-48-3	2077	4668	16.121
2104	(2S,5R)-N-[4-(2-Amino-2-oxoethyl)phenyl]-5-methyl-2-(propan-2-yl)cyclohexanecarboxamide	1119711-29-3	2078	4684	16.125
2105	(1R,2S,5R)-N-(4-Methoxyphenyl)-5-methyl-2-(1-methylethyl)cyclohexanecarboxamide	68489-09-8	2079	4681	16.123
2106	N-Cyclopropyl-5-methyl-2-isopropylcyclohexanecarboxamide	73435-61-7	2080	4693	
2107	N-(2-Methylcyclohexyl)-2,3,4,5,6-pentafluorobenzamide	1003050-32-5	2081	4678	16.119
2108	3[(4-Amino-2,2-dioxido-1H-2,1,3-benzothiadiazin-5-yl)oxy]-2,2-dimethyl-N-propylpropanamide	1093200-92-0	2082	4701	16.126
2109	3-Pentanethiol	616-31-9	2083	4694	12.303
2110	4-Mercapto-3-methyl-2-butanol	33959-27-2	2084	4698	12.302
2111	Ethyl 2-Mercapto-2-methylpropionate	33441-50-8	2085	4714	12.304
2112	1-(Methylthio)-3-octanone	61837-77-2	2086	4707	
2113	1,1-Propanedithiol	88497-17-0	2087	4670	12.300
2114	1-Methyldithio-2-propanone	122861-78-3	2088	4696	12.301
2115	() 4-Methyl-2-propyl-1,3-oxathiane	1064678-08-5	2089	4677	16.122
2116	5-Methylfurfurylmercaptan	59303-05-8	2090	4697	13.149
2117	2-Methyl-3-furyl methylthiomethyl disulfide	333384-99-9	2091	4320	
2118	2-Methyl-3-furyl 2-methyl-3-tetrahydrofuryl disulfide	252736-40-6	2092	4545	
2119	2-Tetrahydrofurfuryl 2-mercaptopropionate	99253-91-5	2093	4535	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2120	Methyl 3-(furfurylthio) propionate	94278-26-9	2094	4538	13.143
2121	3-[(2-Methyl-3-furyl)thio]butanal	915971-43-6	2095	4501	13.199
2122	1-(2-Furfurylthio)-propanone	58066-86-7	2096	4676	13.135
2123	2-Methyl-4,5-dihydrofuran-3-thiol	26486-13-5	2097	4683	13.108
2124	(S)-2-Methyltetrahydrofuran-3-thiol acetate	252736-41-7	2098	4686	
2125	5-Methylfurfuryl alcohol	3857-25-8	2099	4544	
2126	Furfural propyleneglycol acetal	4359-54-0	2100	4537	
2127	Furfuryl formate	13493-97-5	2101	4542	
2128	Furfuryl decanoate	39252-05-6	2102	4539	
2129	(E)-Ethyl 3-(2-furyl)acrylate	53282-12-5	2103	4541	
2130	di-2-Furylmethane	1197-40-6	2104	4540	
2131	2-Methylbenzofuran	4265-25-2	2105	4543	
2132	2-Pentylthiophene	4861-58-9	2106	4387	15.096
2133	2-Acetyl-5-methylthiophene	13679-74-8	2107	4643	
2134	2-Pentylthiazole	37645-62-8	2108	4641	
2135	4,5-Dimethyl-2-isobutylthiazole	53498-32-1	2109	4647	15.078
2136	3,4-Dimethylthiophene	632-15-5	2110	4645	
2137	2-Thienylmethanol	636-72-6	2111	4642	
2138	1-(2-Thienyl)ethanethiol	94089-02-8	2112	4646	
2139	5-Ethyl-2-methylthiazole	19961-52-5	2113	4388	15.068
2140	2-Ethyl-2,5-dihydro-4-methylthiazole	41803-21-8	2114	4695	
2141	4-Methyl-3-thiazoline	52558-99-3	2115	4644	
2142	2-Ethyl-4,6-dimethyl-dihydro-1,3,5-dithiazine	54717-14-5; 54717-13-4	2116	4667	15.135
2143	4-Amino-5,6-dimethylthieno[2,3-d]pyrimidin-2(1H)-one (hydrochloride)	121746-18-7; 1033366-59-4	2117	4669	16.116
2144	L-Isoleucine	73-32-5	2118	4675	
2145	L-Threonine	72-19-5	2119	4710	
2146	L-Ornithine monochlorohydrate	3184-13-2	2120	4190	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2147	L-Alanyl-L-Glutamine	39537-23-0	2121	4712	
2148	L-Methionylglycine	14486-03-4	2122	4692	17.037
2149	Glutamyl-valyl-glycine	38837-70-6	2123	4709	17.038
2150	Isopropenylpyrazine	38713-41-6	2125	3296	
2151	5-Ethyl-2,3-dimethylpyrazine	15707-34-3	2126	4434	14.170
2152	2-Methyl-5-vinylpyrazine	13925-08-1	2127	3211	
2153	6,7-Dihydro-2,5-dimethyl-5H-cyclopentapyrazine	38917-61-2	2128	4702	14.161
2154	Mixture of 2,5 and 2,7-Dimethyl-6,7-dihydro-5H-cyclopentapyrazine	38917-61-2; 38917-62-3	2128	4702	14.102
2155	2-Ethoxy-3-isopropylpyrazine	72797-16-1	2129	4632	
2156	Mixture of 3,5 and 3,6-Dimethyl-2-isobutylpyrazine	38888-81-2	2130	4100	
2157	2-Ethoxy-3-ethylpyrazine	35243-43-7	2131	4633	
2158	2-Ethyl-3-methylthiopyrazine	72987-62-3	2132	4631	
2159	3,6-Dimethyl-2,3,3a,4,5,7a-hexahydrobenzofuran	70786-44-6	2133	4315	13.198
2160	Ethyl linalyl ether	72845-33-1	2134	4591	
2161	Linalool oxide pyranoid	14049-11-7	2135	4593	
2162	Isoamyl phenethyl ether	56011-02-0	2136	4635	
2163	Nerolidol oxide	1424-83-5	2137	4536	
2164	Methyl hexyl ether	4747-07-3	2138	4291	03.016
2165	Myrcenyl methyl ether	24202-00-4	2139	4592	
2166	5-Isopropyl-2,6-diethyl-2-methyltetrahydro-2H-pyran	1120363-98-5	2140	4680	13.200
2167	Butyl beta-naphthyl ether	10484-56-7	2141	4634	
2168	Digeranyl ether	31147-36-1	2142	4664	03.024
2169	Ethyl alpha-ethyl-beta-methyl-beta-phenylglycidate	19464-94-9	2143	4653	
2170	Methyl beta-phenylglycidate	37161-74-3	2144	4654	
2171	d-8-p-Menthene-1,2-epoxide	1195-92-2	2145	4655	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2172	1-8-p-Menthene-1,2-epoxide	203719-53-3	2146	4656	
2173	2,3-Epoxyoctanal	42134-50-9	2147	4657	
2174	2,3-Epoxyheptanal	58936-30-4	2148	4658	
2175	2,3-Epoxydecanal	102369-06-2	2149	4659	
2176	1-Ethyl-2- pyrrolicarboxaldehyde	2167-14-8	2150	4317	
2177	2,4-Dimethylpyridine	108-47-4	2151	4389	14.104
2178	1-Methyl-1H-pyrrole-2- carboxaldehyde	1192-58-1	2152	4332	
2179	2-Acetyl-4- isopropenylpyridine	142896-11-5	2153	4636	
2180	4-Acetyl-2- isopropenylpyridine	142896-12-6	2154	4637	
2181	2-Acetyl-4-isopropylpyridine	142896-09-1	2155	4638	
2182	2-Methoxypyridine	1628-89-3	2156	4639	
2183	6-Methoxyquinoline	5263-87-6	2157	4640	
2184	1-(2-Hydroxyphenyl)-3-(pyridin-4-yl)propan-1-one	1186004-10-3	2158	4721	
2185	1-(2-Hydroxy-4-isobutoxyphenyl)-3-(pyridin-2-yl)propan-1-one	1190230-47-7	2159	4722	
2186	1-(2-Hydroxy-4-methoxyphenyl)-3-(pyridin-2-yl)propan-1-one	1190229-37-8	2160	4723	
2187	3-(1-((3,5-Dimethylisoxazol-4-yl)methyl)-1H-pyrazol-4-yl)-1-(3-hydroxybenzyl)-imidazolidine-2,4-dione	1119831-25-2	2161	4725	16.127
2188	3-(1-((3,5-Dimethylisoxazol-4-yl)methyl)-1H-pyrazol-4-yl)-1-(3-hydroxybenzyl)-5,5-dimethylimidazolidine-2,4-dione	1217341-48-4	2162	4726	
2189	trans-2-Nonenyl acetate	30418-89-4	2163	4552	09.948
2190	Propyl sorbate	10297-72-0	2164	4614	
2191	cis-2-Octenol	26001-58-1	2165	4615	
2192	trans-2-Tridecenol	74962-98-4	2166	4617	
2193	Ethyl 2-hexenoate (mixture of isomers)	1552-67-6	2167	4613	
2194	3',7'-Dihydroxy-4'-methoxyflavan	76426-35-2	2170	4708	
2195	Trilobatin	4192-90-9	2171	4674	16.112

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2196	(-)-Eriodictyol	4049-38-1; 552-58-9; 116301-03-2	2172	4715	
2197	3-Methylhexanal	19269-28-4	2173	4261	05.219
2198	6-Methylheptanal	63885-09-6	2174	4498	05.225
2199	6-Methyloctanal	30689-75-9	2175	4433	05.211
2200	3,7-Dimethyloctanal	5988-91-0	2176	4348	
2201	cis-3-Nonen-1-ol	10340-23-5	2177	4412	02.234
2202	trans-3-Nonen-1-ol	10339-61-4	2178	4605	
2203	cis,cis-3,6-Nonadienyl acetate	83334-93-4	2179	4551	
2204	trans-3-Hexenyl acetate	3681-82-1	2180	4413	09.928
2205	cis-3-Hexenoic acid	1775-43-5	2181	4493	
2206	cis-3-Nonenyl acetate	13049-88-2	2182	4553	09.672
2207	cis-6-Nonenyl acetate	76238-22-7	2183	4554	09.673
2208	Z-5-Octenyl acetate	71978-00-2	2184	4671	09.950
2209	(E)-4-Undecenal	68820-35-9	2185	4672	05.226
2210	beta-Isomethylionone	79-89-0	2186	4151	07.041
2211	Pseudoionone	141-10-6	2187	4299	07.198
2212	trans-alpha-Damascone	24720-09-0	2188	4088	07.226
2213	Cassyrane	871465-49-5	2189	4731	
2214	1-Cyclopropanemethyl-4-methoxybenzene	16510-27-3	2190	4759	
2215	1-Octene	111-66-0	2191	4293	01.070
2216	2,4-Nonadiene	56700-78-8	2192	4292	
2217	alpha-Ionene	475-03-6	2193	4264	
2218	4-Methyl-cis-2-pentene	691-38-3	2194	4650	
2219	1-Nonene	124-11-8	2195	4651	
2220	1,3,5,7-Undecatetraene	116963-97-4	2196	4652	
2221	Mixture of methyl cyclohexadiene and methylene cyclohexene	1888-90-0; 30640-46-1	2197	4311	
2222	2,2,6,7-Tetramethylbicyclo[4.3.0]nona-4,9(1)-dien-8-ol	97866-86-9	2198	4521	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2223	dl-Camphor	76-22-2	2199	4513	
2224	l-fenchone	7787-20-4	2200	4519	
2225	2,2,6,7-Tetramethylbicyclo[4.3.0]nona-4,9(1)-dien-8-one	97844-16-1	2201	4522	
2226	Ethyl 3-(2-hydroxyphenyl)propanoate	20921-04-4	2202	4758	
2227	3-[3-(2-Isopropyl-5-methylcyclohexyl)-ureido]-butyric acid ethyl ester	1160112-20-8	2203	4766	
2228	4-Amino-5-(3-(isopropylamino)-2,2-dimethyl-3-oxopropoxy)-2-methylquinoline-3-carboxylic acid (and its hemisulfate monohydrate salt)	1359963-68-0	2204	4774	
2229	Triethylthialdine	54717-17-8	2205	4748	15.054
2230	2-Isopropyl-4-methyl-3-thiazoline	67936-13-4	2206	4767	
2231	Myricitrin	17912-87-7	2207	4491	
2232	Naringin dihydrochalcone	18916-17-1	2208	4495	16.110
2233	1-(2,4-Dihydroxyphenyl)-3-(3-hydroxy-4-methoxyphenyl)propan-1-	50297-39-7	2209	4764	
2234	(-)-Matairesinol	580-72-3	2210	4762	
2235	Ethyl alpha-acetylcinnamate	620-80-4	2211	4597	
2236	3-(3,4-Methylenedioxyphenyl)-2-methylpropanal	1205-17-0	2212	4599	
2237	Ethyl 2-hydroxy-3-phenylpropionate	15399-05-0	2213	4598	
2238	Cinnamaldehyde propyleneglycol acetal	4353-01-9	2214	4596	
2239	2-Phenylpropanal propyleneglycol acetal	67634-23-5	2215	4595	
2240	9-Decen-2-one	35194-30-0	2216	4706	07.262
2241	Yuzunone	1009814-14-5	2217	4691	
2242	1,5-Octadien-3-ol	83861-74-9	2218	4732	02.194
2243	3,5-Undecadien-2-one	68973-20-6	2219	4746	
2244	3-Methyl-5-(2,2,3-trimethylcyclopent-3-en-1-yl)pent-4-en-2-ol	67801-20-1	2220	4775	
2245	(-)-1-Cyclohexylethanol	1193-81-3	2221	4794	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2246	2-(2-Hydroxy-4-methyl-3-cyclohexenyl)propionic acid gamma-lactone	57743-63-2	2223	4140	10.057
2247	2-(2-Hydroxyphenyl)-cyclopropanecarboxylic acid delta-lactone	5617-64-1	2224	4270	
2248	N1-(2,3-dimethoxybenzyl)-N2-(2-(pyridin-2-yl)ethyl)oxalamide	851670-40-1	2225	4741	
2249	(R)-N-(1-Methoxy-4-methylpentan-2-yl)-3,4-dimethylbenzamide	851669-60-8	2226	4751	
2250	(E)-N-[2-(1,3-Benzodioxol-5-yl)ethyl]-3-(3,4-dimethoxyphenyl)prop-2-enamide	125187-30-6	2227	4773	
2251	enamide (E)-3-Benzo[1,3]dioxol-5-yl-N,N-diphenyl-prop-2-enamide	1309389-73-8	2228	4788	
2252	N-Ethyl-5-methyl-2-(methylethenyl)cyclohexane carboxamide	1582789-90-9; 1426229-32-4	2229	4808	
2253	2,5-Dimethylfuran-3(2H)-one	14400-67-0	2230	4101	13.119
2254	2,5-Dimethyl-4-ethoxy-3(2H)-furanone	65330-49-6	2231	4104	13.117
2255	5-Methyl-3(2H)-furanone	3511-32-8	2232	4176	
2256	Ethyl 2,5-dimethyl-3-oxo-4(2H)-furyl carbonate	39156-54-2	2233	4546	
2257	4-Acetyl-2,5-dimethylfuran-3(2H)-one	36871-78-0	2234	4070	
2258	2-(((3-(2,3-Dimethoxyphenyl)-1H-1,2,4-triazol-5-yl)thio)methyl)pyridine	902136-79-2	2235	4798	
2259	(S)-1-(3-(((4-amino-2,2-dioxido-1H-benzo[c][1,2,6]thiadiazin-5-yl)oxy)methyl)piperidin-1-yl)-3-methylbutan-1-one	1469426-64-9	2236	4802	
2260	2-(4-Methylphenoxy)-N-(1H-pyrazol-3-yl)-N-(thiophen-2-ylmethyl)acetamide	1374760-95-8	2237	4809	
2261	(-)-8-Methyldecanal	127793-88-8	2238	4795	
2262	8-Methylnonanal	3085-26-5	2239	4803	
2263	trans-6-Octenal	63196-63-4	2240	4787	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2264	2,6-Dimethyl-5-heptenol	4234-93-9	2241	4789	
2265	Pinocarvyl isobutyrate	929116-08-5	2242	4525	
2266	Carvyl palmitate	929222-96-8	2243	4515	
2267	6-Hydroxycarvone	51200-86-3	2244	4523	
2268	Menthyl formate	2230-90-2	2246	4509	09.618
2269	Menthyl propionate	86014-82-6	2247	4510	
2270	l-Menthyl butyrate	68366-64-3	2248	4524	
2271	DL-Isomenthol	3623-52-7	2249	4729	
2272	Dimenthyl glutarate	406179-71-3	2250	4604	09.935
2273	(-)-2-[(2-p-Menthoxy)ethoxy]ethanol	28804-53-7	2251	4718	
2274	Ethyl maltol isobutyrate	852997-28-5	2252	4534	
2275	Mixture of 1-Vinyl-3-cyclohexenecarbaldehyde and 4-Vinyl-1-cyclohexenecarbaldehyde	1049017-63-1; 1049017-68-6	2253	4783	
2276	(1-Methyl-2-(1,2-trimethylbicyclo[3.1.0]hex-3-ylmethyl)cyclopropyl) methanol	198404-98-7	2254	4776	
2277	(-)-Bicyclo[2.2.1]hept-5-ene-2-carboxylic acid, ethyl ester	10138-32-6	2255	4790	
2278	Methyl 3-acetoxyhexanoate	21188-60-3			09.629
2279	Tannic acid	1401-55-4; 72401-53-7		3042	16.080
2280	Cedryl acetate	77-54-3			09.171
2281	Ethyl nitrite	109-95-5		2446	
2282	2-Ethylcyclohexyl acetate	5452-75-5			09.829
2283	Sucrose octaacetate	126-14-7		3038	16.081
2284	Citral propylene glycol acetal	10444-50-5			06.035
2285	Cedrenol	28231-03-0			02.119
2286	d-Xylose	58-86-6		3606	
2287	Neohesperidin dihydrochalcone	20702-77-6		3811	16.061
2288	Succinic acid	110-15-6		4719	08.024
2289	Phenethyl benzoate	94-47-3		2860	09.774
2290	Pentyl valerate	2173-56-0			09.149

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2291	Tridecano-1,5-lactone	7370-92-5		4685	10.058
2292	Lenthionine	292-46-6			15.081
2293	Paraldehyde	123-63-7		4010	05.053
2294	Pyridine	110-86-1		2966	
2295	Ammonium hydrogensulphide	12124-99-1		2053	16.059
2296	Sodium diacetate	126-96-5		3900	16.073
2297	Disodium succinate	150-90-3		3277	08.113
2298	Hexadecano-1,5-lactone	7370-44-7		4673	10.049
2299	Glycyrrhizic acid	1405-86-3			16.012
2300	Cystine	56-89-3			17.006
2301	L-Methionine	63-68-3			17.027
2302	Ethyl octadeca-9,12-dienoate	544-35-4			09.204
2303	1,1-Diethoxyhexane	3658-93-3			06.023
2304	2-Ethylphenol	90-00-6			04.070
2305	Pentyl acetate	628-63-7			09.021
2306	Methyl geranate	1189-09-9			09.643
2307	Isopentyl valerate	2050-09-1			09.198
2308	Hydrogen sulfide	7783-06-4		3779	16.007
2309	Methyl decanoate	110-42-9			09.251
2310	Methyl hexadecanoate	112-39-0			09.180
2311	(Diethoxymethyl)benzene	774-48-1			06.017
2312	L-Limonene	5989-54-8			01.046
2313	Naringin	10236-47-2			16.058
2314	Quinine hydrochloride	130-89-2		2976	14.011
2315	Glycyrrhizic acid, ammoniated	53956-04-0		2528	16.060
2316	Betaine	107-43-7		4223	
2317	Serine	302-84-1			17.020
2318	(-)-Homoeriodictyol sodium salt	462631-45-4		4228	16.083
2319	Advantame	714229-20-6		4716	
2320	Butyl oleate	142-77-8			09.208
2321	Methyl formate	107-31-3			09.642
2322	2-Methylbutyl formate	35073-27-9			09.661

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2323	sec-Butyl acetate	105-46-4			09.323
2324	Undecyl acetate	1731-81-3			09.820
2325	Hexadec-1-yl acetate	629-70-9			09.574
2326	2-Ethylhexyl acetate	103-09-3			09.381
2327	3,7-Dimethyloctyl acetate	20780-49-8			09.358
2328	1,1-Dimethylethyl propionate	20487-40-5			09.356
2329	2-Methylbutyl propionate	2438-20-2			09.665
2330	Pentyl lactate	6382-06-5			09.683
2331	Hexyl lactate	20279-51-0			09.580
2332	Isopentyl lactate	19329-89-6			09.601
2333	sec-Butyl butyrate	819-97-6			09.325
2334	2-Methylbutyl butyrate	51115-64-1			09.659
2335	Isobutyl valerate	10588-10-0			09.250
2336	4-Methylpentan-1-ol	626-89-1			02.180
2337	Heptyl hexanoate	6976-72-3			09.390
2338	Octyl hexanoate	4887-30-3			09.677
2339	2-Methylbutyl hexanoate	2601-13-0			09.662
2340	Propyl octanoate	624-13-5			09.816
2341	Isobutyl octanoate	5461-06-3			09.593
2342	2-Methylbutyl octanoate	67121-39-5			09.664
2343	Butyl nonanoate	50623-57-9			09.334
2344	Propyl decanoate	30673-60-0			09.700
2345	Butyl decanoate	30673-36-0			09.327
2346	Isobutyl decanoate	30673-38-2			09.587
2347	2-Methylbutyl decanoate	68067-33-4			09.660
2348	Isopentyl decanoate	2306-91-4			09.598
2349	Propyl dodecanoate	3681-78-5			09.813
2350	Pentyl dodecanoate	5350-03-8			09.681
2351	Hexyl dodecanoate	34316-64-8			09.579
2352	Isobutyl dodecanoate	37811-72-6			09.588
2353	2-Methylbutyl dodecanoate	93815-53-3			09.307
2354	Tetradecan-1-ol	112-72-1			02.126

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2355	Hexyl tetradecanoate	42231-99-2			09.582
2356	Isobutyl tetradecanoate	25263-97-2			09.594
2357	2-Methylbutyl tetradecanoate	93805-23-3			09.666
2358	Isopentyl tetradecanoate	62488-24-8			09.602
2359	Pentadecan-1-ol	629-76-5			02.202
2360	Ethyl pentadecanoate	41114-00-5			09.380
2361	Propyl hexadecanoate	2239-78-3			09.814
2362	Pentyl hexadecanoate	31148-31-9			09.682
2363	Isobutyl hexadecanoate	110-34-9			09.589
2364	Isopentyl hexadecanoate	81974-61-0			09.600
2365	Hexadecanal	629-80-1			05.152
2366	Heptadecan-1-ol	1454-85-9			02.154
2367	Octadecan-1-ol	112-92-5			02.196
2368	Methyl octadecanoate	112-61-8			09.651
2369	Isobutyl octadecanoate	646-13-9			09.592
2370	Dimethoxymethane	109-87-5			06.074
2371	Diethoxymethane	462-95-3			06.064
2372	1-Ethoxy-1-methoxyethane	10471-14-4			06.084
2373	1-Ethoxy-1-propoxyethane	20680-10-8			06.086
2374	1-Butoxy-1-ethoxyethane	57006-87-8			06.050
2375	1-Ethoxy-1-hexyloxyethane	54484-73-0			06.082
2376	1-Isobutoxy-1-ethoxyethane	6986-51-2		4528	06.091
2377	1-Ethoxy-1-(2-methylbutoxy)ethane	13602-09-0			06.079
2378	1-Ethoxy-1-isopentyloxyethane	13442-90-5			06.083
2379	1,1-Dipropoxyethane	105-82-8		4688	06.034
2380	1,1-Dibutoxyethane	871-22-7			06.033
2381	1,1-Dipentyloxyethane	13002-08-9			06.100
2382	1,1-Dihexyloxyethane	5405-58-3			06.071
2383	1-Butoxy-1-(2-methylbutoxy)ethane	77249-20-8			06.049
2384	1,1-Di-isobutoxyethane	5669-09-0		4527	06.053
2385	1,1-Di-(2-methylbutoxy)ethane	13535-43-8			06.051

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2386	1-Isobutoxy-1- isopentyloxyethane	75048-15-6			06.092
2387	1,1-Dimethoxypropane	4744-10-9			06.076
2388	1-Ethoxy-1-methoxypropane	127248-84-4			06.III
2389	1,1-Diethoxypropane	4744-08-5			06.069
2390	1-Ethoxy-2-methyl-1-propoxypropane	238757-42-1			06.130
2391	1-Isobutoxy-1-ethoxypropane	67234-04-2			06.044
2392	1,1-Di- isobutoxypropane	13002-11-4			06.125
2393	1,1-Diethoxy-2- methylpropane	1741-41-9			06.058
2394	1,1-Di- isobutoxy-2- methylpropane	13262-24-3			06.052
2395	1,1-Diethoxybutane	3658-95-5			06.061
2396	1-Ethoxy-1-pentyloxybutane	3658-92-2			06.128
2397	1,1-Diethoxy-2-methylbutane	3658-94-4			06.057
2398	1,1-Dimethoxypentane	26450-58-8			06.075
2399	1,1-Diethoxypentane	3658-79-5			06.067
2400	1,1-Di- isobutoxypentane	13262-27-6			06.054
2401	1,1-Dimethoxyhexane	1599-47-9			06.073
2402	1,1-Diethoxyoctane	54889-48-4			06.066
2403	1,1-Diethoxynonane	54815-13-3			06.065
2404	1,1-Diethoxyundecane	53405-97-3			06.070
2405	1,1-Diethoxydodecane	53405-98-4			06.062
2406	Triethoxymethane	122-51-0			06.096
2407	Lavandulyl acetate	25905-14-0			09.612
2408	Ethyl methacrylate	97-63-2			09.375
2409	Isobutyl 2-methylprop-2- enoate	97-86-9			09.586
2410	Methyl crotonate	623-43-8			09.636
2411	Methyl 2-methylcrotonate	6622-76-0			09.624
2412	Propyl crotonate	10352-87-1			09.699
2413	Isopropyl crotonate	6284-46-4			09.603
2414	Ethyl 3-methylcrotonate	638-10-8			09.365
2415	Butyl but-2-enoate	591-63-9			09.324
2416	Butyl 2-methylbut-2(cis)- enoate	7785-64-0			09.321

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2417	Methyl 2-methylpent-3-enoate	33603-30-4			09.625
2418	Ethyl pent-2-enoate	2445-93-4			09.379
2419	Butyl hex-2-enoate	13416-74-5			09.329
2420	Butyl hex-3-enoate	118869-62-8			09.330
2421	Isopentyl-(Z)-but-2-enoate	10482-55-0			09.596
2422	Pentyl 2-methylisocrotonate	7785-63-9			09.680
2423	Ethyl hept-2-enoate	54340-72-6			09.374
2424	Butyl oct-2-enoate	57403-32-4			09.335
2425	Methyl dec-2-enoate	2482-39-5			09.637
2426	Ethyl dec-9-enoate	67233-91-4			09.370
2427	Citronellyl decanoate	72934-06-6			09.871
2428	Citronellyl dodecanoate	72934-07-7			09.872
2429	Methyl dodec-2E-enoate	6208-91-9			09.641
2430	Ethyl dodec-2-enoate	28290-90-6			09.372
2431	Isophytol	505-32-8			02.168
2432	Methyl oleate	112-62-9			09.652
2433	Hexyl (9Z)-octadecenoate	20290-84-0			09.865
2434	Cyclohexanol	108-93-0			02.070
2435	2-Ethylhexanal	123-05-7			05.147
2436	2-Methylhexanal	925-54-2			05.164
2437	4-Methylpentanal	1119-16-0			05.166
2438	12-Methyltetradecanal	75853-50-8			05.167
2439	2-Ethylhexanoic acid	149-57-5			08.078
2440	4-Methyldecanoic acid	24323-24-8			08.094
2441	8-Methyldecanoic acid	5601-60-5			08.095
2442	3-Methylhexanoic acid	3780-58-3			08.096
2443	4-Methylhexanoic acid	1561-11-1			08.097
2444	4-Methylheptanoic acid	3302-03-2			08.115
2445	Heptyl 2-methylbutyrate	50862-12-9			09.387
2446	Heptyl isovalerate	56423-43-9			09.392
2447	Pentyl isovalerate	25415-62-7			09.499
2448	Isobutyl 2-methylbutyrate	2445-67-2			09.585

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2449	2-Methylbutyl isobutyrate	2445-69-4			09.663
2450	Pentyl 2-methylbutyrate	68039-26-9			09.679
2451	Propyl 2-methylbutyrate	37064-20-3			09.698
2452	Decyl 3-methylbutyrate	72928-48-4			09.839
2453	Dec-9-en-1-ol	13019-22-2			02.138
2454	Hept-3-en-1-ol	10606-47-0			02.152
2455	Lavandulol	498-16-8			02.170
2456	2-Methylbut-3-en-1-ol	4516-90-9			02.175
2457	3-Methylbut-3-en-1-ol	763-32-6			02.176
2458	Octa-3,5-dien-1-ol	70664-96-9			02.195
2459	Pent-4-en-1-ol	821-09-0			02.201
2460	3-Pentenol-1	39161-19-8			02.222
2461	2,5-Dimethyl-2-vinylhex-4-enal	56134-05-5			05.143
2462	1,1-Diethoxyhex-3-ene	73545-18-3			06.063
2463	3,7-Dimethyl-6-octenaldiethyl acetal	71662-17-4			06.109
2464	Dec-3-enoic acid	15469-77-9			08.074
2465	4-Methylpent-3-enoic acid	504-85-8			08.100
2466	Citronellyl hexanoate	10580-25-3			09.341
2467	Hex-(3Z)-enyl decanoate	85554-69-4			09.567
2468	Hex-(3Z)-enyl octanoate	61444-41-5			09.569
2469	Hex-(4Z)-enyl acetate	42125-17-7			09.572
2470	(3Z)-Hexenyl heptanoate	61444-39-1			09.575
2471	(3Z)-Hexenyl methylcarbonate	67633-96-9			09.838
2472	trans-3-Hexenyl hexanoate	56922-82-8			09.855
2473	Hex-3-enyl 2-ethylbutyrate	233666-04-1			09.884
2474	Hex-3-enyl hexadecanoate	233666-03-0			09.885
2475	3-Methyl-3-buten-1-ylbutanoate	54702-13-5			09.897
2476	3-Methyl-3-buten-1-ylhexanoate	53655-22-4			09.898
2477	Pentan-3-ol	584-02-1			02.077
2478	6-Methyl-5-hepten-2-ol	1569-60-4		4884	02.124
2479	3,3-Dimethylbutan-2-ol	464-07-3			02.142

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2480	Dodecan-2-ol	10203-28-8			02.148
2481	2-Methylhexan-3-ol	617-29-8			02.177
2482	3-Methylpentan-2-ol	565-60-6			02.182
2483	4-Methylpentan-2-ol	108-11-2			02.183
2484	6-Methylheptan-3-one	624-42-0			07.072
2485	Pentan-3-one	96-22-0			07.084
2486	2,6-Dimethyloct-6-en-3-one	90975-15-8			07.156
2487	6,10-Dimethylundecan-2-one	1604-34-8			07.157
2488	Dodecan-2-one	6175-49-1			07.158
2489	Heptadecan-2-one	2922-51-2			07.160
2490	Hex-5-en-2-one	109-49-9			07.162
2491	3-Methylbutan-2-one	563-80-4			07.178
2492	6-Methylheptan-2-one	928-68-7			07.181
2493	5-Methylheptan-3-one	541-85-5			07.182
2494	3-Methylpentan-2-one	565-61-7			07.185
2495	Non-2-en-4-one	32064-72-5			07.187
2496	Nonan-4-one	4485-09-0			07.189
2497	Tetradecan-2-one	2345-27-9			07.199
2498	Tridec-12-en-2-one	60437-21-0			07.201
2499	6,10,14-Trimethylpentadecan-2-one	502-69-2			07.205
2500	1-Nonene-3-one	24415-26-7			07.210
2501	sec-Heptyl isovalerate	238757-71-6			09.304
2502	sec-Butyl formate	589-40-2			09.328
2503	sec-Hept-4(cis)-enyl acetate	94088-33-2			09.386
2504	sec-Heptyl acetate	5921-82-4			09.388
2505	sec-Heptyl hexanoate	6624-58-4			09.391
2506	Isopropyl decanoate	2311-59-3			09.604
2507	Isopropyl dodecanoate	10233-13-3			09.605
2508	Isopropyl hexadecanoate	142-91-6			09.606
2509	Isopropyl octanoate	5458-59-3			09.608
2510	Isopropyl valerate	18362-97-5			09.609
2511	sec-Butyl hexanoate, 2-Butylhexanoate	820-00-8			09.332

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2512	Ethyl 4-methylpent-3-enoate	6849-18-9			09.368
2513	Methyl dec-(4Z)-enoate	7367-83-1			09.638
2514	Methyl deca-4,8-dienoate	1191-03-3			09.640
2515	Ethyl 3,7-dimethyl-2,6- octadienoate	13058-12-3			09.831
2516	1-Isoamyloxy-1- ethoxypropane	238757-30-7			06.043
2517	2,6-Dimethyl-2-heptanol	13254-34-7			02.219
2518	Methyl propyl sulfide	3877-15-4			12.166
2519	Methyl butyl sulfide	628-29-5			12.152
2520	Ethyl propyl sulfide	4110-50-3			12.127
2521	Ethyl butyl sulfide	638-46-0			12.124
2522	Dipentyl sulfide	872-10-6			12.117
2523	Allyl propyl sulfide	27817-67-0			12.099
2524	Allyl methyl sulfide	10152-76-8			12.096
2525	Methyl isoprenyl sulfide	5897-45-0			12.158
2526	3-(Ethylthio)propan-1-ol	18721-61-4			12.129
2527	1-(Methylthio)pentan-3-one	66735-69-1			12.181
2528	3-(Methylthio)propionic acid	646-01-5			12.183
2529	3-(Methylthio)butyric acid	16630-65-2			12.178
2530	8-(Methylthio)-p-menthan-3- one	32637-94-8			12.177
2531	2,4,6-Trimethyl-1,3,5-trithiane	2765-04-0			15.110
2532	Butane-2-thiol	513-53-1			12.104
2533	1-(Methylthio)ethane-1-thiol	31331-53-0			12.180
2534	3-Mercapto-2-methylpropionic acid	26473-47-2			12.135
2535	3-Mercapto-2-oxopropionic acid	2464-23-5			12.136
2536	Butane-1,4-dithiol	1191-08-8			12.103
2537	Methyl butyl disulfide	60779-24-0			12.151
2538	Dibutyl disulfide	629-45-8			12.111
2539	Allyl 1-propenyl disulfide	33368-82-0		4823	12.098
2540	1,2,4-Trithiolane	289-16-7			15.111
2541	3-Methyl-1,2,4-trithiolane	51647-38-2			15.083
2542	3,5-Di-isopropyl-1,2,4- trithiolane	54934-99-5			15.048

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2543	3,5-Di-isobutyl-1,2,4- trithiolane	92900-67-9			15.047
2544	1,2,4,5-Tetrathiane	291-22-5			15.103
2545	3,6-Dimethyl-1,2,4,5- tetrathiane	67411-27-2			15.056
2546	1,1-bis(Ethylthio)-ethane	14252-42-7			12.200
2547	Ethyl propanethioate	2432-42-0			12.125
2548	S-(Methylthiomethyl) 2- methylpropanethioate	77974-85-7			12.189
2549	S-2-Butyl 3-methylbutanethioate	2432-91-9			12.106
2550	S-Prenyl thioisobutyrate	53626-94-1		4760	12.196
2551	Prenyl thioisovalerate	75631-91-3		4761	12.221
2552	Menthyl hexanoate	6070-16-2			09.619
2553	Menthyl salicylate	89-46-3			09.621
2554	Isodihydrocarveol	18675-35-9			02.167
2555	neo-Dihydrocarveol	18675-33-7			02.075
2556	neo-Dihydrocarvyl acetate	56422-50-5			09.355
2557	Carvyl 3-methylbutyrate	94386-39-7			09.870
2558	4-(2,5,6,6-Tetramethyl-1- cyclohexenyl)but-3-en-2-one	79-70-9			07.200
2559	1-(2,6,6-Trimethyl-2,4- cyclohexadienyl)-2-buten-1-one	35044-63-4			07.231
2560	Cyclopentanol	96-41-3			02.135
2561	3,3,5-Trimethylcyclohexan-1- one	873-94-9			07.203
2562	2,6,6-Trimethylcyclohex-2-en- 1-one	20013-73-4			07.202
2563	Methyl lactate	27871-49-4			09.644
2564	Propyl lactate	616-09-1			09.815
2565	Methyl 2-oxopropionate	600-22-6			09.626
2566	Ethyl butyryl lactate	71662-27-6			09.502
2567	2-Hydroxy-4-methylvaleric acid	498-36-2			08.090
2568	Isobutyl lactate	585-24-0			09.590
2569	sec-Butyl lactate	18449-60-0			09.333
2570	Pentano-1,5-lactone	542-28-9			10.055

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2571	Heptano-1,5-lactone	3301-90-4			10.045
2572	3-Methylnonano-1,4-lactone	33673-62-0			10.052
2573	Hexadecano-1,4-lactone	730-46-1			10.048
2574	Pentadecano-1,14-lactone	32539-85-8			10.068
2575	Hexadecano-1,16-lactone	109-29-5			10.047
2576	2-Decen-1,4-lactone	2518-53-8			10.060
2577	cis-Dec-7-eno-1,4-lactone	63095-33-0			10.039
2578	2,7-Dimethylocta-5(trans),7-dieno-1,4-lactone	78548-56-8			10.043
2579	4-Hydroxymethyl-2-methyl-1,3-dioxolane	3773-93-1			06.090
2580	Ethyl 2-acetoxypropionate	2985-28-6			09.360
2581	Methyl acetoacetate	105-45-3			09.634
2582	Ethyl 2-acetylbutyrate	607-97-6			09.824
2583	iso-Propyl 4-oxopentanoate	21884-26-4			09.833
2584	Ethyl 3-acetohexanoate	21188-61-4			09.832
2585	2-Butoxyethan-1-ol	111-76-2			02.242
2586	Butane-1,3-diol	107-88-0			02.132
2587	Octane-1,3-diol	23433-05-8			02.198
2588	Ethyl 3-acetoxy-octanoate	85554-66-1			09.862
2589	Methyl 5-hydroxydecanoate	101853-47-8			09.633
2590	1,1,3-Triethoxypropane	7789-92-6			06.097
2591	Diethyl oxalate	95-92-1			09.353
2592	Malonic acid	141-82-2			08.053
2593	Dimethyl malonate	108-59-8			09.558
2594	Dibutyl succinate	141-03-7			09.347
2595	Di-isopentyl succinate	818-04-2			09.345
2596	Diethyl fumarate	623-91-6			09.350
2597	Dibutyl malate	6280-99-5			09.346
2598	Diethyl maleate	141-05-9			09.351
2599	Diethyl pentanedioate	818-38-2			09.354
2600	Glutaric acid	110-94-1			08.082
2601	Glutaraldehyde	111-30-8			05.149

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2602	Diethyl adipate	141-28-6			09.348
2603	Nonanedioic acid	123-99-9			08.103
2604	Diethyl nonanedioate	624-17-9			09.352
2605	Diethyl citrate	32074-56-9			09.349
2606	Butane-2,3-diol	513-85-9			02.133
2607	3,3-Diethoxybutan-2-one	51933-13-2			07.152
2608	4-Hydroxy-4-methylpentan-2-one	123-42-2			07.165
2609	4-Hydroxyhexan-3-one	4984-85-4			07.167
2610	1-Isopentyloxy-1-propoxyethane	238757-63-6			06.047
2611	2-Ethyl-4-methyl-1,3-dioxolane	4359-46-0			06.088
2612	4-Methyl-2-propyl-1,3-dioxolane	4352-99-2			06.095
2613	1-(2-Methylbutoxy)-1-isopentyloxyethane	13548-84-0			06.107
2614	1-Isopentyloxy-1-pentyloxyethane	13442-92-7			06.115
2615	1-Butoxy-1-isopentyloxyethane	238757-27-2			06.123
2616	Butyl deca-2,4-dienoate	28369-24-6			09.326
2617	Butyl hexadecanoate	111-06-8			09.331
2618	Pentyl isobutyrate	2445-72-9			09.418
2619	Hexyl valerate	1117-59-5			09.583
2620	2-Methyloctan-1-ol	818-81-5			02.178
2621	1-Isobutoxy-1-ethoxy-3-methylbutane	85136-40-9			06.042
2622	3-Methyl-1,1-di-isopentyloxybutane	13285-51-3			06.105
2623	2-Methyl-1,1-di-isopentyloxypropane	13112-63-5			06.106
2624	1,1-Di-isobutoxy-3-methylbutane	13439-98-0			06.124
2625	1-Ethoxy-2-methyl-1-isopentyloxypropane	253679-74-2			06.129
2626	Oct-6-enal	63826-25-5			05.061
2627	But-3-en-2-ol	598-32-3			02.131
2628	2,6-Dimethylocta-1,5,7-trien-3-ol	29414-56-0			02.145
2629	Non-1-en-3-ol	21964-44-3			02.187
2630	Undeca-1,5-dien-3-ol	56722-23-7			02.211
2631	Hex-1-en-3-one	1629-60-3			07.161
2632	3,3,6-Trimethylhepta-1,5-dien-4-one	546-49-6			07.204

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2633	(Z)-Hept-4-en-2-yl butanoate	94088-12-7			09.880
2634	Dodecane	112-40-3			01.038
2635	Tetradecane	629-59-4			01.057
2636	Pentadecane	629-62-9			01.054
2637	2,2-Dimethylhexane	590-73-8			01.033
2638	2,4-Dimethylhexane	589-43-5			01.034
2639	delta-Elemene	20307-84-0			01.039
2640	beta-Bisabolene	495-61-4			01.028
2641	Bisabola-1,8,12-triene	17627-44-0			01.027
2642	2-Methylpropan-2-ol	75-65-0			02.052
2643	2-Methylbutan-2-ol	75-85-4			02.041
2644	3-Methylpentan-3-ol	77-74-7			02.184
2645	2-Methylpentan-2-ol	590-36-3			02.181
2646	3,6-Dimethyloctan-3-ol	151-19-9			02.147
2647	2-Methylbut-3-en-2-ol	115-18-4			02.123
2648	1,2-Dihydrolinalool	2270-57-7			02.140
2649	2,6-Dimethyloct-7-en-2-ol	18479-58-8			02.144
2650	Geranyl linalool	1113-21-9			02.150
2651	Linalyl valerate	10471-96-2			09.614
2652	Nerolidyl acetate	56001-43-5			09.671
2653	1,2,3,4,4a,5,6,7-Octahydro- 2,5,5-trimethylnaphthalen-2-ol	41199-19-3			02.197
2654	2-Phenylpropan-2-ol	617-94-7			02.203
2655	p-Menthane-1,8-diol	80-53-5			02.054
2656	p-Menthan-8-ol	498-81-7			02.171
2657	p-Menthan-8-yl acetate	58985-18-5			09.617
2658	Elemol	639-99-6			02.149
2659	Cyclogeranyl acetate	69842-11-1			09.342
2660	4-(2,6,6-Trimethylcyclohexenyl)-2- methylbutanal	73398-85-3			05.183
2661	Myrtanol	514-99-8			02.186
2662	Myrtanyl acetate	29021-36-1			09.670

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2663	Furfuryl hexanoate	39252-02-3			13.132
2664	Furfuryl isobutyrate	6270-55-9			13.133
2665	Furfuryl 2-methylbutyrate	13678-61-0			13.127
2666	Furfuryl but-2-enoate	59020-84-7			13.129
2667	5-Hydroxymethylfurfuraldehyde	67-47-0			13.139
2668	2-Furoic acid	88-14-2			13.136
2669	Ethyl 2-furoate	614-99-3			13.122
2670	Butyl 2-furoate	583-33-5			13.102
2671	Ethyl furfuracrylate	623-20-1			13.011
2672	2,5-Dimethyl-3-(methylthio)furan	63359-63-7			13.114
2673	2,5-Dimethyl-3-(methyldithio)furan	61197-06-6			13.113
2674	Methyl 5-methylfurfurylsulfide	13679-60-2			13.145
2675	Ethyl furfuryl sulfide	2024-70-6			13.124
2676	Methyl 5-methylfurfuryl disulfide	78818-78-7			13.144
2677	Methyl furfuryl trisulfide	66169-00-4			13.146
2678	2-(4-Hydroxyphenyl)ethan-1-ol	501-94-0			02.166
2679	Phenethyl lactate	155449-46-0			09.686
2680	Phenethyl valerate	7460-74-4			09.201
2681	2-Phenethyl decanoate	61810-55-7		4314	09.685
2682	Phenethyl crotonate	68141-20-8			09.684
2683	1-Ethoxy-1-(2-phenylethoxy)ethane	2556-10-7			06.080
2684	1,1-Diphenethoxyethane	122-71-4			06.078
2685	p- Methoxyphenylacetaldehyde	5703-26-4			05.159
2686	Pentyl phenylacetate	5137-52-0			09.761
2687	Hex-2-enyl phenylacetate	68133-78-8			09.400
2688	Menthyl phenylacetate	1154-92-3			09.620
2689	2-Phenoxyethyl butyrate	23511-70-8			09.687
2690	1-Phenylbutan-1-one	495-40-9			07.193
2691	1-Phenylpropan-2-one	103-79-7			07.195
2692	4-Phenylbutan-2-one	2550-26-7			07.194
2693	4-(2,3,6-Trimethylphenyl)but-3-en-2-one	56681-06-2			07.206

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2694	alpha-Methyl naphtyl ketone	941-98-0			07.214
2695	3-(4-Methoxyphenyl)propan- 1-ol	5406-18-8			02.173
2696	3-(4-Hydroxy-3-methoxyphenyl)propanal	80638-48-8			05.156
2697	3-Phenylpropyl 3-phenylpropionate	60045-27-4			09.837
2698	3-Phenylpropyl benzoate	60045-26-3			09.836
2699	4-Hydroxy-3-methoxycinnamaldehyde	458-36-6			05.155
2700	4-Hydroxy-3,5- dimethoxycinnamaldehyde	4206-58-0			05.154
2701	4-Hydroxy-3-methoxycinnamic acid	1135-24-6			08.089
2702	4-Hydroxy-3,5- dimethoxycinnamic acid	530-59-6			08.088
2703	Pentyl cinnamate	3487-99-8			09.735
2704	Cinnamyl 2-methylcrotonate	61792-12-9			09.339
2705	Benzyl valerate	10361-39-4			09.152
2706	Benzyl 2-methylbutyrate	56423-40-6			09.313
2707	Benzyl octanoate	10276-85-4			09.318
2708	Benzyl decanoate	42175-41-7			09.835
2709	Benzyl dodecanoate	140-25-0			09.315
2710	Benzyl crotonate	65416-24-2			09.314
2711	Benzyl lactate	2051-96-9			09.317
2712	Methyl 4-methylbenzoate	99-75-2			09.631
2713	Butyl benzoate	136-60-7			09.779
2714	Pentyl benzoate	2049-96-9			09.825
2715	3-Methylbut-3-enyl benzoate	5205-12-9			09.656
2716	4-Isopropylbenzyl acetate	59230-57-8			09.611
2717	Ethyl 4-hydroxybenzoate	120-47-8			09.367
2718	3-Methoxybenzaldehyde	591-31-1			05.158
2719	4-Ethoxy-3- methoxybenzaldehyde	120-25-2			05.066
2720	Ethyl 2-methoxybenzoate	7335-26-4			09.363
2721	Ethyl 2-hydroxy-4- methylbenzoate	60770-00-5			09.362
2722	Methyl 2,4-dihydroxy-3,6- dimethylbenzoate	4707-47-5			09.623
2723	Hex-3(cis)-enyl anisate	121432-33-5			09.560
2724	3,4-Dihydroxybenzaldehyde	139-85-5			05.142

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2725	Gallic acid	149-91-7			08.080
2726	Methyl vanillate	3943-74-6			09.799
2727	4-Hydroxy-3,5-dimethoxybenzyl alcohol	530-56-3			02.164
2728	4-Hydroxy-3,5-dimethoxybenzoic acid	530-57-4			08.087
2729	Ethyl vanillate	617-05-0			09.798
2730	Pentyl salicylate	2050-08-0			09.762
2731	2-Methylbutyl 2-hydroxybenzoate	51115-63-0			09.852
2732	Hexyl salicylate	6259-76-3			09.581
2733	(Z)-Hex-3-enyl salicylate	65405-77-8		4750	09.570
2734	Prenyl salicylate	68555-58-8			09.696
2735	Piperonyl alcohol	495-76-1			02.205
2736	2-Methyl-3-propylpyrazine	15986-80-8			14.129
2737	2-Butyl-3-methylpyrazine	15987-00-5			14.091
2738	2,5-Diethylpyrazine	13238-84-1			14.097
2739	2,5-Dimethyl-3-isopropylpyrazine	40790-20-3			14.101
2740	6,7-Dihydro-5,7-dimethyl-5H-cyclopentapyrazine	41330-21-6			14.099
2741	5-Ethyl-6,7-dihydro-5H-cyclopentapyrazine	52517-53-0			14.113
2742	5,6,7,8-Tetrahydro-5-methylquinoxaline	52517-54-1			14.148
2743	2-Acetyl-5-methylpyrazine	22047-27-4			14.084
2744	2-Acetyl-6-methylpyrazine	22047-26-3			14.087
2745	2-Acetyl-5-ethylpyrazine	43108-58-3			14.083
2746	2-Acetyl-6-ethylpyrazine	34413-34-8			14.086
2747	5-Acetyl-2,3-dimethylpyrazine	54300-10-6			14.081
2748	2-Methoxy-3-propylpyrazine	25680-57-3			14.127
2749	2-Isopropyl-3-methylthiopyrazine	67952-59-4			14.122
2750	2,3-Dimethylquinoxaline	2379-55-7			14.108
2751	3-Ethylphenol	620-17-7			04.021
2752	3-Isopropylphenol	618-45-1			04.072
2753	4-Isopropylphenol	99-89-8			04.073

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2754	2-Isopropyl-5-methylphenyl acetate	528-79-0			09.253
2755	Carvacryl acetate	6380-28-5			09.337
2756	2,3-Dimethylphenol	526-75-0			04.065
2757	2,4-Dimethylphenol	105-67-9			04.066
2758	3,5-Dimethylphenol	108-68-9			04.020
2759	5-Methyl-2-(tert-butyl)phenol	88-60-8			04.078
2760	3-Methoxyphenol	150-19-6			04.076
2761	4-Hydroxybenzyl methyl ether	5355-17-9			04.092
2762	Ethyl 4-hydroxybenzyl ether	57726-26-8			04.091
2763	1-(3,5-Dimethoxy-4-hydroxyphenyl)propan-1-one	5650-43-1			07.154
2764	4-Hydroxy-3,5-dimethoxyacetophenone	2478-38-8			07.164
2765	2,6-Dimethoxy-4-vinylphenol	28343-22-8			04.061
2766	Acetovanillone	498-02-2			07.142
2767	2-Methylthiazole	3581-87-1			15.089
2768	2-Ethylthiazole	15679-09-1			15.071
2769	2-Propylthiazole	17626-75-4			15.098
2770	2-Butylthiazole	37645-61-7			15.044
2771	4-Butylthiazole	53833-33-3			15.118
2772	2,4-Dimethylthiazole	541-58-2			15.062
2773	4-Ethyl-2-methylthiazole	32272-48-3			15.067
2774	4-Ethyl-5-methylthiazole	52414-91-2			15.069
2775	2,5-Diethylthiazole	15729-76-7			15.052
2776	5-Methyl-2-pentylthiazole	86290-21-3			15.084
2777	4,5-Dimethyl-2-ethylthiazole	873-64-3			15.058
2778	2,5-Dimethyl-4-ethylthiazole	32272-57-4			15.061
2779	2,5-Diethyl-4-methylthiazole	41981-71-9			15.050
2780	2,5-Diethyl-4-propylthiazole	4276-68-0			15.051
2781	2-Isobutyl-4-methylthiazole	61323-24-8			15.115
2782	2-Isopropyl-4,5-dimethylthiazole	53498-30-9			15.080

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2783	2-Acetyl-4-methylthiazole	7533-07-5			15.038
2784	2-Acetyl-5-methylthiazole	59303-17-2			15.039
2785	2-Acetyl-4-ethylthiazole	233665-91-3			15.116
2786	4-Methyl-2-propionylthiazole	13679-83-9			15.085
2787	2-Acetylthiophene	88-15-3			15.040
2788	2-Propionylthiophene	13679-75-9			15.097
2789	5-Ethylthiophene-2- carbaldehyde	36880-33-8			15.074
2790	3-Mercaptothiophene	7774-73-4			15.082
2791	2-Thiophenemethanethiol	6258-63-5			15.108
2792	2-Methyl-3- mercaptothiophene	2527-76-6			15.087
2793	2-Methyl-2-thiazoline	2346-00-1			15.086
2794	2,4-Dimethyl-3-thiazoline	60755-05-7			15.060
2795	2-Isobutyl-3-thiazoline	39800-92-5			15.119
2796	1-Ethyl-4-methoxybenzene	1515-95-3			04.069
2797	Carvacryl methyl ether	6379-73-3			04.059
2798	1-Ethoxy-2-methoxybenzene	17600-72-5			04.067
2799	1-Ethoxy-4-methoxybenzene	5076-72-2			04.068
2800	Methyl 4-methoxybenzyl ether	1515-81-7			04.079
2801	1,2,3-Trimethoxybenzene	634-36-6			04.084
2802	Ethyl geranyl ether	40267-72-9			03.015
2803	2-Acetoxy-1,8-cineole	57709-95-2			03.008
2804	alpha-Terpinyll methyl ether	14576-08-0			03.020
2805	2,5-Dimethyltetrahydrofuran	1003-38-9			13.120
2806	Linalool oxide(5) acetate	56469-39-7			13.189
2807	Benzyl methyl ether	538-86-3			03.011
2808	Benzyl octyl ether	54852-64-1			03.012
2809	1-Methoxynapthalene	2216-69-5			04.075
2810	1-Methylpyrrolidine	120-94-5			14.137
2811	2-Methylindole	95-20-5			14.131
2812	1-Acetylindole	576-15-8			14.088
2813	2-Acetyl-5-methylpyrrole	6982-72-5			14.085
2814	2-Methylpyridine	109-06-8			14.134

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2815	3-Methylpyridine	108-99-6			14.135
2816	4-Methylpyridine	108-89-4			14.136
2817	4-Ethylpyridine	536-75-4			14.116
2818	3-Propylpyridine	4673-31-8			14.143
2819	2-Butylpyridine	5058-19-5			14.092
2820	3-Butylpyridine	539-32-2			14.093
2821	2-Isopropylpyridine	644-98-4			14.124
2822	4-Isopropylpyridine	696-30-0			14.125
2823	2,3-Dimethylpyridine	583-61-9			14.103
2824	3,4-Dimethylpyridine	583-58-4			14.105
2825	3,5-Dimethylpyridine	591-22-0			14.106
2826	2,4,6-Trimethylpyridine	108-75-8			14.150
2827	2-Hydroxypyridine	142-08-5			14.118
2828	4-Acetylpyridine	1122-54-9			14.089
2829	Ethyl nicotinate	614-18-6			14.110
2830	Isopropyl nicotinate	553-60-6			14.120
2831	3-Pentylpyridine	1802-20-6			14.140
2832	2-Hexylpyridine	1129-69-7			14.117
2833	3,5,5-Trimethylhexyl acetate	58430-94-7			09.819
2834	Isopentyl heptanoate	109-25-1			09.599
2835	2-Methyldecanal	19009-56-4			05.160
2836	Non-3-enoic acid	4124-88-3			08.102
2837	5-Decenal	21662-08-8			05.217
2838	Dodeca-3,6-dienal	13553-09-8			05.082
2839	16-Octadecenal	56554-87-1			05.218
2840	Nonan-3-ol	624-51-1			02.190
2841	Oct-5-en-2-one	22610-86-2			07.236
2842	sec-Octyl acetate	2051-50-5			09.676
2843	2-(Methylthio)propionic acid	58809-73-7			12.182
2844	2-Mercaptoacetaldehyde	4124-63-4			12.205
2845	2-Hexyl-5-hydroxy-1,3-dioxane	1708-36-7			06.102

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2846	2-Cyclohexylethan-1-ol	4442-79-9			02.134
2847	Isocyclocitral (mixture)	1335-66-6			05.157
2848	alpha-Methyl ional	58102-02-6			05.198
2849	2-Ethyl-5-methylfuran	1703-52-2			13.125
2850	2-Octylfuran	4179-38-8			13.162
2851	Methyl (2-furfurylthio)acetate	108499-33-8			13.141
2852	2-Furfuryl 3-oxo-2-butyl disulphide	159113-17-4			13.185
2853	2-Phenylpent-2-enal	3491-63-2			05.175
2854	O-Ethyl S-1-methoxyhexan-3-yl carbonothioate	1241905-19-0		4730	
2855	2-Phenylpropionic acid	492-37-5			08.108
2856	Undec-10-en-1-ol	112-43-6			02.125
2857	Guaiyl acetate	134-28-1			09.808
2858	4(10)-Thujene	3387-41-5			01.059
2859	4-Methoxyphenol	150-76-5			04.077
2860	Butan-2-ol	78-92-2			02.121
2861	Caffeine	58-08-2		2224	16.016
2862	L-Lysine monochlorhydrate	657-27-2			17.031
2863	Allyl pentanoate	6321-45-5		4074	09.866
2864	Allyl crotonate	20474-93-5		4072	09.247
2865	Propyl nonanoate	6513-03-7			09.256
2866	Pentyl propionate	624-54-4			09.135
2867	Citronellyl isovalerate	68922-10-1			09.460
2868	1,1-Diethoxydecane	34764-02-8			06.020
2869	Dipropyl sulfide	111-47-7			12.015
2870	2-Ethylbutan-1-ol	97-95-0			02.043
2871	1,1-Diethoxyheptane	688-82-4			06.021
2872	Isobornyl phenylacetate	94022-06-7			09.756
2873	2-Oxopropyl acetate	592-20-1			09.185
2874	Pentyl decanoate	5933-87-9			09.188
2875	[S-(cis)]-3,7,11-Trimethyl-1,6,10-dodecatrien-3-ol	142-50-7			02.226

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2876	Propyl 4-hydroxybenzoate	94-13-3		2951	
2877	Propyl valerate	141-06-0			09.202
2878	Benzene-1,2-diol	120-80-9			04.029
2879	Diethyl carbonate	105-58-8			09.481
2880	Ethyl octadeca-9,12,15- trienoate	1191-41-9			09.205
2881	Ammonia	7664-41-7		4494	16.009
2882	Butyl octanoate	589-75-3			09.209
2883	Di-isopropyl sulfide	625-80-9			12.016
2884	Threonine	80-68-2			17.021
2885	Tetrahydrofurfuryl phenylacetate	5421-00-1			13.167
2886	Hex-2-eno-1,4-lactone	2407-43-4			10.046
2887	Ethyl 2-phenylpropionate	2510-99-8			09.364
2888	Phthalide	87-41-2		4195	10.056
2889	Ammonium chloride	12125-02-9		4494	16.048
2890	Ferrous lactate	5905-52-2; 85993-25-5		4699	16.096
2891	Glyceryl-lacto esters of fatty acids	98084-79-8		4124	
2892	Mono- and diglycerides of fatty acids	67701-32-0		4186	
2893	Lactylated fatty acid esters of glycerol and propylene glycol	444004-59-5		4153	
2894	Diacetyl tartaric acid esters of mono- and diglycerides	100085-39-0		4092	
2895	Polyglycerol esters of fatty acids	79665-93-3		4201	
2896	Propylene glycol mono- and diesters of fatty acids	1323-39-3		4208	
2897	Tridecanoic acid	638-53-9		4336	
2898	Pentadecanoic acid	1002-84-2		4334	
2899	Tridecanal	10486-19-8		4335	
2900	4-Methylpentyl isovalerate	850309-45-4		4347	
2901	5-Methylhexyl acetate	180348-60-1		4346	
2902	Ethyl 4-methylpentanoate	25415-67-2		4343	
2903	Ethyl 2-ethylbutyrate	2983-38-2		4344	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2904	Ethyl 2-ethylhexanoate	2983-37-1		4345	
2905	Terpineol	8000-41-7			02.230
2906	Citric acid ester of mono-and di-glycerides of fatty acids	97593-31-2		4307	
2907	Trehalose, dihydrate	6138-23-4		4600	
2908	3,4-Dihydroxybenzoic acid	99-50-3		4430	08.133
2909	Citral glyceryl acetal	5694-82-6		4486	
2910	Anisaldehyde propyleneglycol acetal	6414-32-0		4627	
2911	2-Phenoxyethanol	122-99-6		4620	
2912	Phenylacetaldehyde diethyl acetal	6314-97-2		4625	
2913	4-Formyl-2-methoxyphenyl 2-hydroxypropanoate	930587-76-1		4606	
2914	2-Ethyl-2-hexenal	645-62-5; 26266-68-2		4612	
2915	Sodium lauryl sulfate	151-21-3		4437	
2916	Phenylacetaldehyde propyleneglycol acetal	5468-05-3		4629	
2917	2-Phenoxyethyl propionate	23495-12-7		4618	
2918	beta-Angelicalactone	591-11-7		4438	
2919	2-Hydroxy-4-methoxybenzaldehyde	673-22-3		4435	
2920	3-Hydroxybenzoic acid	99-06-9		4431	08.132
2921	Rebaudioside A	58543-16-1		4601	16.113
2922	Piperonal propyleneglycol acetal	61683-99-6		4622	
2923	Propyl 4-tert-butylphenylacetate	92729-55-0		4619	
2924	2-Hexylidenehexanal	13019-16-4		4616	
2925	(-)-Acetaldehyde ethyl isopropyl acetal	25334-93-4		4432	06.137
2926	1-Isobutoxy-1-ethoxy-2-methylpropane	1401305-82-5			06.041
2927	Di(2-methylbutyl) malate	253596-99-5			09.874
2928	1-Ethoxy-3-methyl-1-isopentyloxybutane	238757-35-2			06.131
2929	1-Isobutoxy-1-isopentyloxy-3-methylbutane	1401307-17-2			06.046
2932	2-(4-Methoxyphenoxy)propionic acid	158833-38-6			08.127

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2933	2-Methoxy-4-(prop-1-enyl)phenyl 3-methylbutyrate	61114-23-6			09.894
2934	2-Methoxycinnamyl acetate	110823-66-0			09.306
2935	3-Phenylpropyl butyrate	7402-29-1			09.690
2936	4-Methoxybenzyl 2-methylpropionate	71172-26-4			09.895
2937	2-Isopropyl-5-methylphenyl formate	406700-80-9			09.893
2938	2-Ethylpyridine	100-71-0			14.115
2939	Theobromine	83-67-0		3591	16.032
2940	(-)-3-Hydroxy-3-methyl-2,4-nonanedione	544409-58-7		4687	
2941	Ferric ammonium citrate	1185-57-5			16.089
2942	Quinine monohydrochloride dihydrate	6119-47-7			14.155
2943	Quinine sulfate	6119-70-6; 804-63-7		2977	14.152
2944	Quinine bisulfate	549-56-4		2975	
2945	Thaumatococin	53850-34-3		3732	
2946	Thaumatococin B-recombinant	53850-34-3		3814	
2947	Glucose pentaacetate	3891-59-6		2524	09.258
2948	1-Ethoxy-1-pentyloxyethane	13442-89-2			06.085
2949	Octahydro-4,8a-dimethyl-4a(2H)-naphthol	23333-91-7		4682	
2950	o-trans-Coumaric acid	614-60-8		4700	
2951	Sucrose monopalmitate	26446-38-8		4713	
2952	Rebaudioside C	63550-99-2		4720	
2953	trans-4-tert-Butylcyclohexanol	21862-63-5		4724	
2954	L-Cysteine hydrochloride	52-89-1			17.032
2955	L-Valine	72-18-4			17.028
2956	2-Methyl-3-tolylpropionaldehyde (mixed o,m,p-)				05.134
2957	1-Methoxy-4-(1-propenyl)benzene	104-46-1			04.088
2958	diammonium sulfide	12135-76-1		2053	16.002
2959	(Z,Z)-4,7-Tridecadienal	13552-95-9		4735	
2960	Limonene	138-86-3			01.001
2961	(Z)-4-Hepten-2-ol	66642-85-1			02.255

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2962	(S)-Methyl octanethioate	2432-83-9			12.282
2963	6-Methoxy-2,6- dimethylheptanal	62439-41-2		4745	
2964	1,3-Propanediol	504-63-2		4753	
2965	Capsaicin	404-86-4		3404	
2966	6-Methylhept-3-en-2-one	2009-74-7			07.258
2967	Hexadec-7-en-1,16-lactone	123-69-3		2555	10.059
2968	trans-2-methyl-4-propyl-1,3- oxathiane	59324-17-3			16.062
2969	2,6-Dimethylocta-2,4,6- triene	673-84-7			01.035
2970	2-Butylthiophene	1455-20-5			15.045
2971	2-Octylthiophene	880-36-4			15.093
2972	2-Mercapto-4-heptanol	1006684-20-3		4733	12.305
2973	Ethyl 5-formyloxy decanoate	1367348-37-5		4765	
2974	4-Methyl-3-hepten-5-one	22319-31-9			07.261
2975	3-(Methylthio)-decanal	1256932-15-6		4734	12.306
2976	Glutamyl-2-aminobutyric acid	16869-42-4		4738	
2977	Glutamy-norvalyl- glycine	38837-71-7		4739	
2978	Glutamyl-norvaline	71133-09-0		4740	
2979	1-(2-Hydroxy-4-methylcyclohexyl) ethanone	917750-72-2		4742	
2980	()-2,5-Undecadienol	91212-78-1		4747	
2981	4-Methylpentyl-4- methylvalerate	35852-42-7		4749	
2982	N-Acetyl glutamate	1188-37-0		4752	
2983	Stevioside	57817-89-7		4763	
2984	2,6,10-Trimethyl-9-undecenal	141-13-9		4768	
2985	5-Mercapto-5-methyl-3- hexanone	851768-51-9		4769	
2986	()-2-Mercapto-5- methylheptan-4-one	1416051-88-1		4779	
2987	Caryophylla-3(4),8-dien-5-ol	38284-26-3; 34298-31-2		4780	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
2988	L-Cysteine methyl ester hydrochloride	18598-63-5		4781	
2989	2(3)-Hexanethiol	1679-06-7; 1633-90-5		4782	
2990	(-)-4-Hydroxy-6-methyl-2-heptanone	57548-36-4		4784	
2991	2-Octyl-2-dodecenal	25234-33-7		4785	
2992	2-Hexyl-2-decenal	13893-39-5		4786	
2993	3-(Acetylthio)hexanal	22236-44-8		4791	
2994	(-)-3-Mercapto-1-pentanol	548740-99-4		4792	
2995	(3R,3S)-3-[[[(4-Amino-2,2-dioxido-1H-2,1,3-benzothiadiazin-5-yl)oxy]methyl]-Ncyclopentyl-2-oxo-3-piperidinecarboxamide	1446687-20-2		4793	
2996	(-)-Naringenin	480-41-1		4797	
2997	(2R)-3',5'-Dihydroxy-4'-methoxyflavanone	1449417-52-0		4799	
2998	Mixture of Ricinoleic acid, Linoleic acid, and Oleic acid	pending		4804	
2999	Pinocarvyl acetate	1078-95-1		4807	
3000	Ethyl-2-(4-hydroxy-3-methoxyphenyl)acetate	60563-13-5		4810	
3001	2-(5-Isopropyl-2-methyl-tetrahydrothiophen-2-yl)-ethanol	1612888-42-2		4813	
3002	2,6-Dipropyl-5,6-dihydro-2H-thiopyran-3-carboxaldehyde	61407-00-9		4822	
3003	2-(5-Isopropyl-2-methyl-tetrahydrothiophen-2-yl)-ethyl acetate	1658479-63-0		4824	
3004	(E)-6-Nonenal	2277-20-5		4825	
3005	2-Pyrrolidone	616-45-5		4829	
3006	2-(3-Benzyloxypropyl)pyridine	108715-62-4		4832	
3007	Mixture of 3- and 4-butyl-2-thiophenecarboxyaldehyde	163460-99-9; 163461-01-6		4839	
3008	Erythritol	149-32-6		4819	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
3009	(3S,5R,8S)-3,8-Dimethyl-5-prop-1-en-2-yl-3,4,5,6,7,8-hexahydro-2H-azulen-1-one	18374-76-0		4867	
3010	4-(4-Methyl-3-penten-1-yl)-2(5H)-furanone	61315-75-1		4868	
3011	4-(l-Menthoxy)-2-butanone	886449-15-6		4869	
3012	S-[(Methylthio)methyl]thioacetate	38634-59-2		4817	
3013	trans-1-Ethyl-2-methylpropyl 2-butenoate	1370711-06-0		4818	
3014	gamma-Aminobutyric acid: Linoleic acid conjugates	1444005-46-2		4821	
3015	3-Phenylpropyl 2-(4-hydroxy-3-methoxyphenyl)acetate	105025-99-8		4826	
3016	1-(4-Methyl-3-cyclohexen-1-yl)-ethanone	6090-09-1		4827	
3017	1,1-Propanedithioacetate	729602-98-6		4828	
3018	7,8-Dihydroxyflavone	38183-03-8		4830	
3019	(2S)-3,7-Dihydroxy-8-methyl-4-methoxyflavan	87733-81-1		4833	
3020	(R)-5-hydroxy-4-(4-hydroxy-3-methoxyphenyl)-7-methylchroman-2-one	1793064-68-2		4834	
3021	2,4-Dihydroxy-N-[(4-hydroxy-3-methoxyphenyl)methyl]benzamide	877207-36-8		4835	
3022	10% solution of 3,4-dimethyl-2,3-dihydrothiophene-2-thiol	137363-86-1		4836	
3023	(±)-Tetrahydronootkatone	38427-80-4		4840	
3024	cis-5-Dodecenyl acetate	16676-96-3		4841	
3025	2,4,5-Trithiaoctane 1-(Methylthiomethyl)-2-propyldisulfane	911212-28-7		4842	
3026	3-(Allyldithio)butan-2-one	1838169-65-5		4843	
3027	(2E,4E)-2,4-Decadien-1-ol acetate	118026-67-8		4844	
3028	2-Ethyl-4-methyl-1,3-dithiolane	17564-27-1		4870	
3029	2-Phenoxyethyl 2-(4-hydroxy-3-methoxyphenyl)acetate	1962956-83-7		4871	

Sl.No.	Name	CAS	JECFA	FEMA GRAS	EU FL No.
3030	3-(3-Hydroxy-4-methoxyphenyl)-1-(2,4,6-trihydroxyphenyl) propan-1- one	35400-60-3		4872	
3031	(E)-3-(3,4-Dimethoxyphenyl)- - [2-(4-methoxyphenyl)- ethyl]-acrylamide	76733-95-4		4877	
3032	2-(4-Ethylphenoxy)-N-(1H -pyrazol-3-yl)-N -(thiophen-2-ylmethyl)acetamide	2015168-50-8		4880	
3033	N-(3-Hydroxy-4- methoxyphenyl)-2-isopropyl- 5,5- dimethyl cyclohexanecarbox amide	1857331-84-0		4881	
3034	N-(4-(Cyanomethyl)phenyl)- 2-isopropyl- 5,5- dimethylcyclohexanecarbox amide	1857331-83-9		4882	
3035	N-(2-Hydroxy-2-phenylethyl)-2-isopropyl -5,5- dimethylcyclohexane-1- carboxamide	pending		4896	
