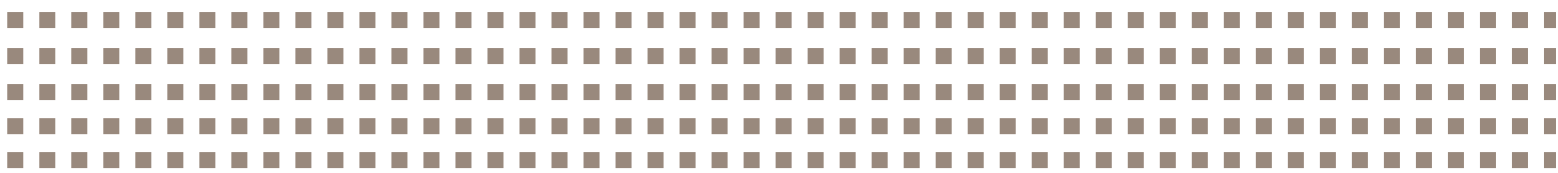




# FLAVOURS & FRAGRANCES



**eCSA**  
SINCE 1913 **centonze**

RAW MATERIALS: Chemicals & Specialities  
 ENERGY: Fuels • Heating oil • Service stations  
 MAINTENANCE SYSTEMS: Lubricants • Surface treatment • Safety products

The ECSA group is 100% family owned company in the fourth generation comprising **Emanuele Centonze SA of Chiasso** (Switzerland) and **ECSA Italia SRL of Milan** (Italy). The Group is active in international trading and distribution in three sectors: **RAW MATERIALS, ENERGY and MAINTENANCE SYSTEMS.**

The company was founded in 1913 and employs over 250 people at present.

The Group's mission is to safeguard its ability to act independently within the targeted geographical and industrial areas. This objective is ensured by the following core competencies: specialist in the selected industrial segments, regional focus, sourcing specialist, owner of warehouses and own logistics, state of the art infrastructure for the three business units and certified quality and safety management.

## RAW MATERIALS

ECSA is today the largest Swiss owned company in the chemical distribution, specialising in following segments:

- COSMETICS & PHARMACEUTICALS
- FOOD & FEED
- FLAVOURS & FRAGRANCES
- LABORATORY REAGENTS
- DETERGENTS
- METAL PROCESSING & GALVANIC
- COLOURS & PAINTS

The current action fields of ECSA are Switzerland and Europe. The Group trades from Rotterdam, Basel, Balerna and Milan/Desio with other retailers focusing on raw materials in the principal segments. The HUB-Terminal is in Switzerland and Milan/Desio operates as the export platform to the European Union.



## ENERGY

### SERVICE STATIONS

Our network, made up of 23 service stations in Ticino and 10 in Romandie, satisfies the local and foreign demand for fuels, diesel, retail services and food & beverage. ECSA is a BP Partner since 1925.

### HEATING OIL

ECSA is a leading provider of heating oil for private consumers, collective structures and building administrators.

### MOTOR FLEETS

ECSA supplies major clients (transport companies, building contractors, airports) with diesel, additives (adBlue) and kerosene (aviation).



## MAINTENANCE SYSTEMS

### LUBRICANTS

Through dedicated technical consultancy services we respond to all lubrication and greasing requirements. ECSA is the sole CASTROL distributor for the Swiss industry segments.

### SURFACE TREATMENT

Complete solutions designed to treat building surfaces, in civil and industrial engineering. In addition, we provide state of the art solutions from principals such as BASF, MÄDER-LACKE, BOSSHARD, ARBEZOL and other major brands.

### ANCILLARY PRODUCTS

Support and materials for cleaning (detergents, disinfectants, paper for industrial use, agglomerates for oils, etc.), silicones and sealing products, antifreeze fluids for closed circuits, products for the treatment of drinking water and swimming pools, various other equipment.

### WASTE MANAGEMENT

By offering this service ECSA is able to complete the supply loop from fresh to exhausted products.

### EQUIPMENT FOR SAFE STORAGE OF HAZARDOUS PRODUCTS

### SAFETY PRODUCTS

Main supplier of personal protection equipment.

## POSITION OF EXCELLENCE

### SERVICE COMPANY

Customer satisfaction is central to our success. Transparency, flexibility, agility, the guarantee of "one-stop shopping" and a proactive information system are our strengths.

### SPECIALISATION & EXPERTISE

Specialist in our segments of competence: logistics, international procurement and sourcing.

### RESPONSIBLE PARTNER OF CUSTOMERS, AUTHORITIES AND SUPPLIERS

High safety standards, respect for the environment, limitation of worst case scenarios, waste management, collaboration with programmes of suppliers to improve safety and quality.

### STATE OF THE ART INFRASTRUCTURE

### STAFF

Motivated, identify with the company, are agile in adapting to changes in the market and react immediately to customer requirements.



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# NATURAL PRODUCTS





PRODUCT	CHEMICAL NAME	CAS	FEMA
2-Methylbutyl Acetate	2-Methylbutyl Acetate	624-41-9	3644
2-Methylbutyric Acid	2-Methylbutyric Acid	116-53-0	2695
Acetaldehyde Diethyl Acetal	1,1 Diethoxyethane	105-57-7	2002
Acetic Acid	Acetic Acid	64-19-7	2006
Acetyl Methyl Carbinol	3-Hydroxi-2-Butanone	513-86-0	2008
Aldehyde C10	Decanal	112-31-2	2362
Allyl Caproate	Allyl Hexanoate	123-68-2	2032
Allyl Caproate	Allyl Hexanoate	123-68-2	2032
Alpha Pinene	(-)-Pin-2(3)-ene	7785-26-4	2902
Alpha Terpineol	p-Menth-1-en-8-ol	98-55-5	3045
Anethol 21/22	1-Methoxy-4-(1-propenyl)benzene	4180-23-8	2086
Benzaldehyde	Benzaldehyde	100-52-7	2127
Benzyl Acetate	Benzyl Acetate	140-11-4	2135
Benzyl Alcohol	Benzyl Alcohol	100-51-6	2137
Beta Caryophyllene	Caryophyllene	87-44-5	2252
Beta Ionone	4-(2,6,6-Trimethylcyclohex-1-en-1-yl)-but-3-en-2-one	14901-07-6	2595
Beta Pinene	Pin-2(10)-ene	127-91-3	2903
Butyl Alcohol	n-Butyl Alcohol	71-36-3	2178
Butyric Acid	Butyric Acid	107-92-6	2221
Capric Acid	Decanoic Acid	334-48-5	2364
Caproic Acid	Hexanoic Acid	142-62-1	2559
Caprylic Acid	Octanoic Acid	124-07-2	2799
Cinnamic Aldehyde	3-Phenyl-2-propenal	104-55-2	2286
Cinnamyl Alcohol	3-Phenyl-2-propen-1-ol	104-54-1	2294
Cis-3-Hexenol	Cis-Hex-3-en-1-ol	928-96-1	2563
Cis-3-Hexenyl Acetate	Cis-3-Hexen-1-yl Acetate	3681-71-8	3171
Citral	3,7-Dimethyl-2,6-octadienal	5392-40-5	2303
Citronellal	Citronellal	106-23-0	2307
Citronellol	3,7-Dimethyl-6-octen-1-ol	106-22-9	2309
Citronellyl Acetate	3,7 Dimethyl-6-Octen-1-yl Acetate	150-84-5	2311
Delta Decalactone	Decan-5-olide	705-86-2	2361





PRODUCT	CHEMICAL NAME	CAS	FEMA
Delta Dodecalactone	Dodecan-5-olide	713-95-1	2401
Dimethyl Sulphide	Dimethyl Sulphide	75-18-3	2746
D-Limonene	(R)-p-Mentha-1,8-diene	5989-27-5	2633
Ethyl Acetate	Ethyl Acetate	141-78-6	2414
Ethyl Butyrate	Ethyl Butyrate	105-54-4	2427
Ethyl Cinnamate	Ethyl Cinnamate	103-36-6	2430
Ethyl Myristate	Ethyl Myristate	124-06-1	2445
Ethyl Palmitate	Ethyl Palmitate	628-97-7	2451
Ethyl Propionate	Ethyl Propionate	105-37-3	2456
Eucaliptol	1,8 Cineole	470-82-6	2465
Eugenol	4-Allyl-2-Methoxyphenol	97-53-0	2467
Furfural	2-Furaldehyde	98-01-1	2489
Gamma Decalactone	Decan-4-olide	706-14-9	2360
Geranyl Acetate	3,7 Dimethyl-2,6-Octadien-1-yl Acetate	105-87-3	2509
Hexanol	Hexan-1-ol	111-27-3	2567
Hexyl Acetate	Hexyl Acetate	142-92-7	2565
Isoamyl Acetate	3-Methyl-1-Butyl Acetate	123-92-2	2055
Isoamyl Butyrate	3 Methylbutyl butyrate	106-27-4	2060
Isoamyl Propionate	Isopentyl Propionate	105-68-0	2082
Isobutyl Acetate	Isobutyl Acetate	110-19-0	2175
Isobutyl Butyrate	Isobutyl butyrate	539-90-2	2187
Linalool	3,7 Dimethyl-1,6-octadien-3-ol	78-70-6	2635
Linalyl Acetate	3,7 Dimethyl-1,6-Octadien-3-yl Acetate	115-95-7	2636
Menthol Crystal	Menthol	2216-51-5	2665
Menthol Liquid	Menthol	1490-04-6	-
Menthone	Trans-Menthone	89-80-5	2667
Methyl 2 Methyl Butyrate	Methyl-2-Methylbutyrate	868-57-5	2719
Methyl Amyl Ketone	Heptan-2-one	110-43-0	2544
Phellandrene-65	(S)-p-Mentha-1,8-diene	5989-54-8	2633
Rhodinol ex-Geranium	Rhodinol	6812-78-8	2980
Sabinene	Sabinene	3387-41-5	-



<b>PRODUCT</b>	<b>CHEMICAL NAME</b>	<b>CAS</b>	<b>FEMA</b>
Strawberry Furanone	4-Hydroxy-2,5-Dimethylfuran-2(3H)-one	3658-77-3	3174
Terpinen-4-ol	p-Menth-1-en-4-ol	562-74-3	2248
Thiomenthone	2-(1-mercapto-1-methylethyl)-5-methylcyclohexan1-1-one	38462-22-5	3177
Trans-2-Hexenol	Trans-hex-2-en-1-ol	928-95-0	2562
Vanillin	4-Hidroxy-3-methoxy Benzaldehyde	121-33-5	3107





# ESSENTIAL OILS





PRODUCT	CHEMICAL NAME	CAS	FEMA
Basil Oil	Ocinum basilicum, oil	8015-73-4	2119
Basil Oleoresin	-	-	-
Bergamot Oil	Bergamot, oil	8007-75-8	2153
Black Pepper Oil	Piper nigrum, oil	8006-82-4	2845
Cajeput Oil	Cajuput, oil	8008-98-8	2225
Cananga Oil	Cananga odorata macrophylla, oil	68606-83-7	2232
Cardamom O.E	Cardamom, oil	8000-66-6	2241
Cascarilla O.E.	Croton eluteria, oil	8007-06-5	2255
Cedarwood Oil	Cupressus funebris, oil	85085-29-6	-
Cinnamon Leaf Oil	Cinnamomum cassia, oil	8007-80-5	2258
Cistus O.E.	Cistus ladaniferus, oil	8016-26-0	2609
Citronella 85/35 Oil	Cymbopogon winterianus, oil	8000-29-1	2308
Citronella Terpenes	-	-	-
Clove Bud Oil	Clove, oil	8000-34-8	2323
Clove Leaf Oil	Clove, oil	8000-34-8	2325
Copaiba Balsam	Balsam, copaiba	8013-97-6	-
Coriander Oil	Coriander, oil	8008-52-4	2333
Cypress O.E.	Cupressus sempervirens, oil	8013-86-3	-
Davana Oil	Artemisia pallens, oil	8016-03-3	2359
Eucalyptus Citriodora Oil	Eucalyptus maculata citriodora, oil	8000-48-4	-
Eucalyptus Globulus 80% Oil	Eucalyptus globulus, oil	8000-48-4	2466
Eucalyptus Terpenes	-	84625-32-1	2476
Fennel Sweet Oil	Foeniculum vulgare dulce, oil	8006-84-6	2483
Garlic Oil	Garlic, oil	8000-78-0	2503
Geranium Bourbon Oil	Pelargonium graveolens, oil	8000-46-2	2508
Geranium Oil	Pelargonium graveolens, oil	8000-46-2	2508
Ginger Oil	Ginger, oil	8007-08-7	2522
Guayacwood Oil	Bulnesia sarmianti, oil	8016-23-7	2534
Jasmin Absolute	-	8022-96-6	2598
Laurel Oil	Laurus nobilis, oil	8002-41-3	6063
Lavander Oil	Lavandula officinalis, oil	8000-28-0	2622





PRODUCT	CHEMICAL NAME	CAS	FEMA
Lavandin Absolute	-	8022-15-9	-
Lavandin Concrete	-	-	-
Lavandin Oil	Lavandula hybrida abrial, oil	8022-15-9	2618
Lemon Oil	Lemon, oil	8008-56-8	2625
Lemon Terpenes	-	8008-56-8	2623
Lime Cold Pressed	Lime, oil	8008-26-2	2631
Lime Distilled	Lime, oil	8008-26-2	2631
Lime Terpenes	-	8008-26-2	-
Litsea Cubeba 75% Oil	Litsea Cubeba, oil	68855-99-2	3846
Litsea Terpenes	-	6885-99-2	-
Melissa O.E.	Melissa officinalis, oil	8017-71-9	2113
Mint Terpenes	-	68917-18-0	-
Mint Oil 50%	Spearmint, oil	8008-79-5	3032
Onion Oil	Onion, oil	8002-72-0	2817
Orange Sweet Oil	Orange sweet, oil	8008-57-9	2825
Orange Terpenes	-	8028-48-6	2633
Paprika Oleoresin	-	84625-29-6	2834
Patchouli Light Oil	Patchouli, oil	8014-09-3	2838
Patchouli Oil	Patchouli, oil	8014-09-3	2838
Peppermint Oil	Peppermint, oil	8006-90-4	2848
Petitgrain Paraguay Oil	Oranger sour, oil	8014-17-3	2855
Pine Oil 50%	Pine Oil	8002-09-3	-
Pinus Pumilio O.E.	-	-	-
Pinus Sacchalinesis Oil.	-	-	-
Pinus Silvestris O.E.	-	-	-
Red Thyme Oil	Thymus zygis, oil	8007-46-3	3064
Rose Oil	Rosa damascena, oil	8007-01-0	2988
Rosemary Oil	Rosemar, oil	8000-25-7	2992
Sage Officinalis Oil.	Salvia officinalis lavandulifolia, oil	8022-56-8	3001
Star Aniseed Terpenes	-	8007-70-3	2289
Turpentin Oil.	Turpentin, oil	8006-64-2	3089
Verbena O.E.	Aloysia triphylla, oil	8024-12-2	-





<b>PRODUCT</b>	<b>CHEMICAL NAME</b>	<b>CAS</b>	<b>FEMA</b>
Vetiver Oil	Vetiveria zizanioides, oil	8016-96-4	-
Vetiver Terpenes	-	8016-96-4	-
White Camphor Oil	Cinnamomum camphora formosana, oil	8008-51-3	2231
White Thyme Oil	Thymus zygis, oil	8007-46-3	3065
Ylang Ylang Oil	Cananga odorata macrophylla, oil	8006-81-3	3119





# PRODUCTS FOR FRAGRANCES





PRODUCT	CHEMICAL NAME	CAS	FEMA
9-Decen-1-ol	9-Decen-1-ol	13019-22-2	-
Acetophenone	Acetophenone	98-86-2	2009
Acetyl Eugenol	4 Allyl-2-methoxypnenyl Acetate	93-28-7	2469
Acetyl Isoeugenol	2 Methoxy-4-prop-1-enylphenyl Acetate	93-29-8	2470
Alcohol C 10	1-Decanol	112-30-1	2365
Alcohol C 11 Undecanol	Undecyl Alcohol	112-42-5	3097
Alcohol C 9	Nonal-1-ol	143-08-8	2789
Alcohol TCD	Tricyclodecandimethanol	26160-83-8	-
Aldehyde C 10	Decanal	112-31-2	2362
Aldehyde C 11 Undecylenic	10-Undecen-1-al	112-45-8	3095
Aldehyde C 11 Undecylic	Undecanal	112-44-7	3092
Aldehyde C 12 Lauric	Dodecylic aldehyde	112-54-9	-
Aldehyde C 12 Mna	2-Methylundecanal	110-41-8	2749
Aldehyde C 14 (Peach)	gamma-Undecalactone	104-67-6	3091
Aldehyde C 16 (Raspberry)	Ethyl-a-b-epoxy-b-methylphenylpropionate	77-83-8	2444
Aldehyde C 18 (Cocco)	Gamma n-Amyl butyrolactone	104-61-0	2781
Aldehyde C 8	Octanal	124-13-0	2797
Aldehyde C 8 Dma	1,1-Dimethoxyoctane	10022-28-3	2798
Aldehyde C 9 Nonanal	Nonanal	124-19-6	2782
Aldehyde Intraleven	10-Undecenal	58296-81-4	-
Allyl Amyl Glycolate	Allyl 2-pentyloxyglycolate	67634-00-8	-
Allyl Caproate	Allyl Hexanoate	123-68-2	2032
Allyl Heptanoate	2-Propenyl heptanoate	142-19-8	2031
Allyl Phenoxyacetate	Allyl Phenoxyacetate	7493-74-5	2038
Alpha Amyl Cinnamic Aldehyde	Alpha-n-amylicinnamic aldehyde	122-40-7	2061
Alpha Ionone	4-(2,2,6)-Trimethyl-2-cyclohexen-1-yl)-3-buten-2-o	127-41-3	2594
Alpha Irone	4(2,5,6,6-Tetramethyl-2-cyclohexen-1-yl)-3-Buten-2-one	79-69-6	2597
Ambrettolide	Oxacycloheptadec-10-en-2-one	28645-51-4	2555
Ambroxide	8-a,12-oxido-13,14,15,16-Tetranorlabdane Dodecahydro-3A-tetramethylnaphto-	6790-58-5	3471



PRODUCT	CHEMICAL NAME	CAS	FEMA
	(2,1B)-furan		
Amyl Benzoate	n-Pentyl benzoate	2049-96-9	-
Amyl Cinnamate	Pentyl cinnamate	3487-99-8	-
Amyl Formate	Pentyl formate	638-49-3	2068
Amyl Salicylate	Pentyl Salicylate	2050-08-0	2084
Anisaldehyde	4-Methoxybenzaldehyde	123-11-5	2670
Anisyl Alcohol	p-Methoxybenzyl Alcohol	105-13-5	2099
Azarbre	Diethylidimethylcyclohex-2-en-1-one	68845-36-3	-
B.H.T.	2,6 Di-tert-butyl-p-cresol	128-37-0	2184
Bacdanol	2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	28219-61-6	-
Beauvertate	2-Nonenoic acid, methyl ester	111-79-5	2725
Benzaldehyde	Benzaldehyde	100-52-7	2127
Benzoic Acid	Benzoic Acid	65-85-0	-
Benzophenone	Methanone, Diphenyl-	119-61-9	2134
Benzyl Acetate	Benzyl Acetate	140-11-4	2135
Benzyl Acetone	4-Phenyl-2-butanone	2550-26-7	-
Benzyl Alcohol	Benzyl Alcohol	100-51-6	2137
Benzyl Benzoate	Benzyl Benzoate	120-51-4	2138
Benzyl Butyrate	Benzyl Butyrate	103-37-7	2140
Benzyl Formate	Benzyl methanoate	104-57-4	2145
Benzyl Isobutyrate	Benzyl Isobutyrate	103-28-6	2141
Benzyl Isoeugenol	Isoeugenyl benzyl ether	120-11-6	3698
Benzyl Propionate	Benzyl Propionate	122-63-4	2150
Benzyl Salicylate	Benzyl ortho-hydroxybenzoate	118-58-1	2151
Benzylideneacetone	4-Phenyl-3-buten-2-one	122-57-6	2881
Beta Ionone	4(2,6,6-Trimethyl-1-cyclohexen-1-yl)-3-buten-2-one	14901-07-6	2595
Bisabolene	Bisabolene	495-62-5	3331
Borneol Crystal	1,7,7-Trimethylbicyclo-1,2,2-heptanol-2	507-70-0	2157
Bornyl Acetate	(1R,2S,4R)-1,7,7-Trimethylbicyclo(2,2,1)-hepten-2-yl Acetate	76-49-3	2159
Bourgeonal	3-(4-t-Butylphenyl) propanal	18127-01-0	-



PRODUCT	CHEMICAL NAME	CAS	FEMA
Buccoxime	1,5-Dimethyl-bicyclo[3.2.1]octan-8-one oxime	75147-23-8	-
Calone	7-Methyl-3,4-dihydro-2h-1,5-benzodioxepin-3-one	28940-11-6	-
Camphene	2,2-Dimethyl-3-methylene norbornane	79-92-5	2229
Camphor Powder	Bornan-2-one	76-22-2	2230
Canthoxal	2-Methyl-3-(para-methoxyphenyl)-propanal	5462-06-6	-
Capric Acid	Decanoic Acid	334-48-5	2364
Caproic Acid	Hexanoic Acid	142-62-1	2559
Caprylic Acid	Octanoic Acid	124-07-2	2799
Carvacrol	2-Methyl-5-iso-propylphenol	499-75-2	2245
Carvone L	L-Carvone	6485-40-1	2249
Cashmerane	6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5h)-indanone	33704-61-9	-
Cedrenol	Cedrenol	68603-22-5	-
Cedrenyl Acetate	Cedrenyl Acetate	1405-92-1	-
Cedrol Crystals	[3R-(3a,3ab,6a,7b,8aa)]-Octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-6-ol	77-53-2	4503
Cedryl Acetate	[3R-(3a,3ab,6a,7b,8aa)]-octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl Acetate	77-54-3	4271
Celestolide	4-Acetyl-6-ter-butyl-1,1-dimethylindan	13171-00-1	3653
Cervolide	16-Hydroxy-1-2oxahexadecanoic acid omega-lactone	6707-60-4	-
Cetonal	a,2,2,6-Tetramethylcyclohexene-1-butyraldehyde	65405-84-7	-
Cimene	1-Methyl-4-isopropylbenzene	99-87-6	2356
Cinnamic Acid	Cinnamic Acid	621-82-9	2288
Cinnamyl Alcohol	3-Phenyl-2-propen-1-ol	104-54-1	2294
Cinnamyl Cinnamate	Cinnamyl 3-phenylpropenoate	122-69-0	2298
Cis-3-Hexenol	Cis-3-hexen-1-ol	928-96-1	2563
Cis-3-Hexenyl Acetate	Hex-3-enyl Acetate	3681-71-8	3171
Citral	3,7-Dimethyl-2,6-octadienal	5392-40-5	2303
Citral Dimethyl Acetal	1,1-Dimethoxy-3,7-dimethyl-2,6-	7549-37-3	2305



PRODUCT	CHEMICAL NAME	CAS	FEMA
	octadiene		
Citral	2,6-Octadienal,3,7-dimethyl, acid isomerized	90480-35-6	2304
Citronellal	3,7-Dimethyl-6-octen-1-al	106-23-0	2307
Citronellol	3,7-Dimethyl-6-octen-1-ol	106-22-9	2309
Citronellyl Acetate	3,7 Dimethyl-6-octen-1-yl Acetate	150-84-5	2311
Citronellyl Formate	3,7-Dimethyl-6-octen-1-yl methanoate	105-85-1	2314
Citronellyl Nitrile	3,7-Dimethyl-6-octenennitrile	51566-62-2	-
Coniferan	2-tertiary Pentyl cyclohexyl acetate	67874-72-0	-
Coumarin	Ortho-hydroxycinnamic acid, lactone	91-64-5	-
Cumin Aldehyde	p-Isopropylbenzaldehyde	122-03-2	2341
Cuminic Nitrile	Cuminic nitrile	13816-33-6	-
Cyclamen Aldehyde	2-Methyl-3-(para-isopropylphenyl)-propionaldehyde	103-95-7	2743
Cynnamic Aldehyde	3-Phenyl-2-propenal	104-55-2	2286
Damascenone	2-Buten-1-one,1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-	23696-85-7	3420
Damascone Alfa	1(2,6,6-Trimethyl-2-cyclohexen-1-yl)-2-buten-1-one	24720-09-0	3659
Decyl Acetate	Decyl Acetate	112-17-4	2367
Delta Decalactone	Amyl-delta-valerolactone	705-86-2	2361
Diethyl Phthalate	Diethyl ester, acid 1,2-benzenedicarboxylic	84-66-2	-
Dihydrolinalool	3,7-Dimethyloct-6-en-3-ol	18479-51-1	-
Dihydromyrcenol	2,6-Dimethyl-7-octen-2-ol	18479-58-8	-
Dihydromyrcenyl Acetate	2,6 Dimethylocet-7-en-2-yl Acetate	53767-93-4	-
Dimethyl Anthranilate	Methyl 2-methylamino methylbenzoate	85-91-6	2718
Dimethyl Benzyl Carbonyl Acetate	a,a-Dimethylphenethyl Acetate	151-05-3	2392
Dimethyl Benzyl Carbonyl Butyrate	a,a-Dimethylphenethyl Butyrate	10094-34-5	2394
Dimethyl Hydroquinone	para-Dimethoxybenzene	150-78-7	2386
Dimethyl Myrcetone	1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	54464-57-2	-
Dimyrcetol	Dihydromyrcenol with its formate	25279-09-8	-



PRODUCT	CHEMICAL NAME	CAS	FEMA
Dipentene	Dipentene	138-86-3	2633
Diphenyl Oxide	Diphenyl ether	101-84-8	3667
Dipropylenglycol (DPG)	Dipropanol ether	25265-71-8	-
Ebanol	3-Methyl-5(2,2,3-trimethyl-3-cyclopenten-1-yl)-4-penten-2-ol	67801-20-1	-
Estragole	1-Methoxy-4-(2-propenyl)-benzene	140-67-0	2411
Ethyl 2 Methyl Pentanoate	Ethyl 2-methylpentanoate	39255-32-8	3488
Ethyl Acetate	Ethyl Acetate	141-78-6	2414
Ethyl Acetoacetate	Ethyl acetoacetate	141-97-9	2415
Ethyl Amyl Ketone	3-Octanone	106-68-3	2803
Ethyl Butyrate	Ethyl Butyrate	105-54-4	2427
Ethyl Formate	Ethyl methanoate	109-94-4	2434
Ethyl Linalool	3,7-Dimethyl-1,6-nonadien-3-ol	10339-55-6	-
Ethyl Maltol	2-Ethyl-3-hydroxi-4h-pyran-3-one	4940-11-8	3487
Ethyl Propionate	ETHYL PROPIONATE	105-37-3	2456
Ethyl Salicylate	Ethyl Salicylate	118-61-6	2458
Ethyl Valerate	Ethyl pentanoate	539-82-2	2462
Ethyl Vanillin	3-Ethoxy-4-hydroxybenzaldehyde	121-32-4	2464
Ethyldiglycol	2-(2-Ethoxyethoxy)-ethanol	111-90-0	-
Ethylen Brassylate	1,4-Dioxacycloheptadecane-5,17-dione	105-95-3	3543
Ethylen Glycol	Ethan-1,2-diol	107-21-1	-
Ethylene Dodecandioate	Ethylene dodecandioate	54982-83-1	-
Exaltolide	Oxacyclohexadecan-2-one	106-02-5	2840
Farenal	2,6,10 Trimethyl-9-undecenal	141-13-9	-
Fenchyl Alcohol	1,3,3-Trimethyl[1,2,2] bicyclo-2-heptanol	1632-73-1	2480
Furfurol	Furfuryl alcohol	98-00-0	2491
Gamma Decalactone	gamma-n-Hexyl-gamma-butyrolactone	706-14-9	2360
Gamma Dodecalactone	gamma-n-Octyl-gamma-n-butyrolactone	2305-05-7	2400
Gamma Heptalactone	Heptanolide-(4,1)	105-21-5	2539
Gamma Octalactone	gamma-n-Butyl-gamma-butyrolactone	104-50-7	2796
GammaTerpinene	1-Methyl-4-isopropyl-1,4-cyclohexadiene	99-85-4	3559
Ganolide	1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-	21145-77-7	-





PRODUCT	CHEMICAL NAME	CAS	FEMA
	hexamethyl-2-naphthyl)ethan-1-one		
Geraniol	(Z)-3,7-Dimethyl-2,6-octadien-1-ol + nerol	106-24-1	2507
Geranyl Acetate	3,7 Dimethyl-2,6-octadien-1-yl Acetate	105-87-3	2509
Geranyl Butyrate	3,7-Dimethyl-2,6-octadien-1-yl butyrate	106-29-6	2512
Geranyl Formate	3,7-Dimethyl-2,6-octadien-1-yl methanoate	105-86-2	2514
Geranyl Isobutirrate	3,7-Dimethyl-2,6-octadien-1-yl Isobutyrate	2345-26-8	2513
Geranyl Nitrile	3,7-Dimethyl-2,6-octadiene-1-nitrile	5146-66-7	-
Hedione Supstiteute	Methyl epi-dihydrojasmonate	24851-98-7	3408
Helional	Alpha-Methyl-3,4-methylendioxyhydrocinnamaldehyde	1205-17-0	-
Herboxane	2-Butyl-4,4,6-trimethyl-1,3-dioxane	54546-26-8	-
Hexanal	N-hexanal	66-25-1	2557
Hexanol	Hexan-1-ol	111-27-3	2567
Hexyl Acetate	Hexyl Acetate	142-92-7	2565
Hexyl Benzoate	N-Hexyl Benzoate	6789-88-4	-
Hexyl Caproate	Hexyl Hexanoate	6378-65-0	2572
Hexyl Cinnamic Aldeide Alpha	Alpha-n-hexylcinnamic aldehyde	101-86-0	2569
Hexyl Salicylate	Hexyl ortho- hydroxybenzoate	6259-76-3	-
Hexyl Tiglate	Hexyl trans-2-methyl-2-butenolate	16930-96-4	-
Hydroxycitronellal	7-Hydroxy-3,7-dimethyloctanal	107-75-5	2583
Indolo	2,3-Benzopyrrol	120-72-9	2593
Irisone	4-tert-Butylcyclohexanone	98-53-3	-
Isoamyl Acetate	Isopentyl Acetate	123-92-2	2055
Isoamyl Benzoate	Isopentyl benzoate	94-46-2	2058
Isoamyl Butyrate	Isopentyl butyrate	106-27-4	2060
Isoamyl Cinnamate	Isopentyl 3-phenyl-2-propenoate	7779-65-9	2063
Isobornyl Acetate	Exo-1,7,7-trimethylbicyclo(2,2,1)hept-2-yl Acetate	125-12-2	2160
Isobornyl Cyclohexanol	Iso Bornyl Methoxy Cyclohexanol	3407-42-9	-
Isobutyl Acetate	Isobutyl Acetate	110-19-0	2175
Isobutyl Cinnamate	Isobutyl cinnamate	122-67-8	2193



PRODUCT	CHEMICAL NAME	CAS	FEMA
Isobutyl Quinoline	6-sec-Butylquinoline	65442-31-1	-
Isobutyl Salicylate	Isobutyl ortho- hydroxybenzoate	87-19-4	2213
Isobutyric Acid	Isobutyric Acid	79-31-2	2222
Isobutyric Aldehyde	Isobutyraldehyde	78-84-2	2220
Isocyclocitral	2,4,6-Trimethyl-3-cyclohexen-1-carbaldehyde	1335-66-6	-
Isoeugenol	2-Methoxy-4-propenyl phenol	97-54-1	2468
Isojasmone	2-Hexyl-cyclopent-2-en-1-one	95-41-0	3552
Isolongifulanone	1,3,4,6,7,8a-Hexahydro-1,1,5,5-tetramethyl-2H-2,4a-methanonaphthalen-8(5H)-one	23787-90-8	-
Isomethyl Ionone Alpha	3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	127-51-5	2714
Isononyl Acetate	3,5,5 Trimethylhexyl Acetate	58430-94-7	2788
Isopropyl Myristate	Isopropyl tetradecanoate	110-27-0	-
Isopropyl Myristate	Isopropyl myristate	110-27-0	3556
Isopulegolo	1-Methyl-4-Isopropenyl cyclohexan-3-ol	89-79-2	2962
Kephalis	4-(1-Ethoxivinyl)-3,3,5,5-Tetramethylcyclohexanone	36306-87-3	-
Lactic Acid	Lactic Acid	79-33-4	-
Lauric Acid	Lauric Acid	143-07-7	2614
Lauryl Alcohol	1-Dodecanol	112-53-8	2617
Ligustral	Dimethylcyclohex-3-ene-1-carbaldehyde	27939-60-2	-
Lilial	p-tert-Butyl-alpha-methyl-dihydrocinnamic aldehyde	80-54-6	-
Lime Oxide	Monoterpenes and cyclic monoterpenes ethers	73018-51-6	-
Limetol	2,6,6 Trimethoxy-2-vinyltetrahydropyran	7392-19-0	3735
Linalool	3,7-Dimethyl-1,6-octadien-3-ol	78-70-6	2635
Linalool Oxide	2-Methyl-2-vinyl-5-(a-hydroxy-isopropyl)-tetrahydrofuran	1365-19-1	3746





PRODUCT	CHEMICAL NAME	CAS	FEMA
Linalyl Acetate	3,7 Dimethyl-1,6-octadien-3-yl Acetate	115-95-7	2636
Linalyl Cinnamate	Linalyl cinnamate	78-37-5	2641
Linalyl Formate	3,7-Dimethyl-2,6-octadien-3-yl methanoate	115-99-1	2642
Linalyl Propionate	3,7-Dimethyl-1,6-octadien-3-yl propionate	144-39-8	2645
Lyral	3-Cyclohexene-1-carboxaldehyde,4-(4-hydroxy-4-methyl pentyl)	31906-04-4	-
Maltol	3-Hydroxy-2-methyl-4-pyrone	118-71-8	2656
Melonal	2,6-Dimethyl-5-heptenal	106-72-9	2389
Menthanyl Acetate	a-a,4 Trimethylcyclohexylmethyl Acetate	80-25-1	-
Menthyl Acetate	2 Isopropyl-5-methylcyclohexanyl Acetate	29066-34-0	2668
Methyl Amyl Ketone	2-Heptanone	110-43-0	2544
Methyl Anthranilate	Methyl Anthranilate	134-20-3	2682
Methyl Antranilate	Methyl 2-aminobenzoate	134-20-3	2682
Methyl Benzoate	Methyl Benzoate	93-58-3	2683
Methyl Cedryl Ketone	Methyl Cedryl Ketone	32388-55-9	-
Methyl Cinnamate	Methyl cinnamate	103-26-4	2698
Methyl Dihydro Jasmonate	Methyl 3-oxo-2-pentylcyclopentane acetate	24851-98-7	3408
Methyl Eugenol	4-Allyl-1,2-dimethoxybenzene	93-15-2	2475
Methyl Heptenone	6-Methyl-5-hepten-2-one	110-93-0	2707
Methyl Hexyl Ketone	2-Octanone	111-13-7	2802
Methyl Ionone	3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	127-51-5	2714
Methyl Ionone Gamma	3-Buten-2-one,3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)	127-51-5	2714
Methyl Isoeugenol	4-Prop-1-enylveratrole	93-16-3	2476
Methyl Naphtyl Ketone	2-Acetophenone	93-08-3	2723
Methyl Oakmoss	Methyl-2,4-dihydroxy-3,6-dimethylbenzoate	4707-47-5	-
Methyl Octin Carbonate	Methyl 2-nonynoate	111-80-8	2726
Methyl Pamplemousse	1,1-Dimethoxy-2,2,5-trimethyl-4-hexene	67674-46-8	-
Methyl Phenyl Ethyl Ether	(2-Methoxyethyl)benzene	3558-60-9	3198
Methyl Salicylate	Methyl ortho- hydroxybenzoate	119-36-8	2745



PRODUCT	CHEMICAL NAME	CAS	FEMA
Methyl Sulphide	Methyl Sulphide	75-18-3	2746
Mircenyl Acetate	7 Octen-2-ol,2-methyl-6-methylene Acetate	1118-32-4	-
Musk 50 DEP	1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran + dep	1222-05-5 / 84-66-2	-
Musk Ketone	3,5-Dinitro-2,6-dimethyl-4-tertbutylacetophenone	81-14-1	-
Musk Xylol	2,4,6-Trinitro-1,3-dimethyl-5-tertbutylbenzene	81-15-2	-
Myrac Aldehyde	Isohexenyl tetrahydro benzaldehyde	37677-14-8	-
Myrcene	7-Methyl-3-methylene-1,6-octadiene	123-35-3	2762
Nerolidol	3,7,11-Trimethyl-1,6,10-dodecatrien-3-ol	7212-44-4	2772
Nerolin Bromelia	2-Ethoxynaphtalene	93-18-5	2768
Nerolin Yara Yara	2-Methoxynaphtalene	93-04-9	-
Nerolo	cis-3,7-Dimethyl-2,6-octadien-1-ol	106-25-2	2770
Neryl Acetate	3,7 Dimethyl-2,6-octadien-1-yl Acetate	141-12-8	2773
Nopyl Acetate	Nopyl Acetate	128-51-8	-
Octanol	Octan-1-ol	111-87-5	2800
Octyl Acetate	Octyl Acetate	112-14-1	2806
Orivone	4-Tertiarypentyl cyclohexanone	16587-71-6	-
OTBCHA	orto-tert-Butylcyclohexyl acetate	88-41-5	-
Para Cymene	1-Methyl-4-isopropylbenzene	99-87-6	2356
Para-Cresyl Methyl Ether	1-Methoxy-4-methylbenzene	104-93-8	2681
Petiole	(2-Isopropoxyethyl)benzene	68039-47-4	-
Phenoxyethyl Alcohol	2-Phenoxyethanol	122-99-6	-
Phenoxyethyl Isobutyrate (Phenirat)	2-Phenoxyethyl Isobutyrate	103-60-6	2873
Phenyl Acetaldehyde Dimethyl Acetal	1,1-Dimethoxy-2-phenylethane	101-48-4	2876
Phenyl Ethyl Alcohol	2-Phenylethylalcohol	60-12-8	2858
Phenyl Ethyl Formate	2-Phenethyl methanoate	104-62-1	2864
Phenyl Ethyl Salicylate	2-Phenethyl ortho- hydroxybenzoate	87-22-9	2868
Phenylacetic Aldehyde	Phenylethanal	122-78-1	2874
Phenylethyl Acetate	2-Phenethyl Acetate	103-45-7	2857



PRODUCT	CHEMICAL NAME	CAS	FEMA
Phenylethyl Isoamyl Ether	Phenylethyl Isoamyl Ether	56011-02-0	-
Propylenglycol (PG)	1,2-Propanediol	57-55-6	2940
PTBCHA	p-Tert-Butylcyclohexyl Acetate	32210-23-4	-
Raspberry Ketone	4-(para-Hydroxyphenyl)-2-butanone	5471-51-2	2588
Rhubafurane	2,4-Dimethyl-4-phenyltetrahydro furan	82461-14-1	-
Rosacetol	2,2,2-trichloro-1-phenylethyl acetate	90-17-5	-
Sandalore	5-(2,2,3-Trimethyl-3-cyclopentenyl)-3-methylpentan-2-ol	65113-99-7	-
Sandela	-	66072-32-0	-
Sandenol	4-(5,5,6-Trimethylbicyclo[2,2,1]hept-2-yl)cyclohexan-1-ol	66068-84-6	-
Sodium Benzoate	Sodium Benzoate	532-32-1	-
Stirallyl Acetate	Methyl Phenyl Carbinyl Acetate	93-92-5	2684
Stirallyl Propionate	Methyl Phenyl Carbinyl Propionate	120-45-6	-
Strawberry Furanone	4-hydroxy-2,5-dimethylfuran-2(3h)-one	3658-77-3	3174
Sulfurol	4-Methyl-5-thiazolethanol	137-00-8	3204
Terpenyl Acetate	p-Menth-1-en-8-yl Acetate	80-26-2	3047
Terpenyl Formate	Terpinyl methanoate	2153-26-6	3052
Terpineol Apha	p-Menth-1-en-8-ol	98-55-5	3045
Terpineol P.G.	p-Menth-1-en-8-ol	98-55-5	3045
Terpinolene	p-Mentha-1,4(8)-diene	586-62-9	3046
Tetrahydro Linalool	3,7-Dimethyl-3-octanol	78-69-3	3060
Tetrahydro Myrcenol	2,6-Dimethyl-2-octanol	18479-57-7	-
Tetrahydrogeraniol	3,7-Dimethyloctan-1-ol	106-21-8	2391
Tetraidro Citral	3,7-Dimethyloctanal	5988-91-0	4348
Triacetin	Glyceryl triacetate	102-76-1	2007
Tridecene 2 Nitrile	Tridec-2-enenitrile	2629-49-8	-
Triethyl Citrate	Triethyl citrate	77-93-0	3083
Tymol Crystal	1-Methyl-3-hydroxy-4-ixopropylbenzene	89-83-8	3066
Undecavertol	4-Methyl-3-decen-5-ol	81782-77-6	-
Undecylenic Acid	Undec-10-enoic Acid	112-38-9	3247
Vanillin Isobutyrate	p-3-Methoxibenzaldehyde isobutyrate	20665-85-4	3754



PRODUCT	CHEMICAL NAME	CAS	FEMA
Vanillina	4-Hydroxy-3-methoxybenzaldehyde	121-33-5	3107
Veratric Aldehyde	3,4-Dimethoxybenzaldehyde	120-14-9	3109
Verdyl Acetate	Dihydro-Dicyclopentadienyl Acetate	5413-60-5	-
Verdyl Propionate	3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl Propionate	17511-60-3	-
Vernaldeide	1-Methyl-4-(4-methylpentyl)cyclohex-3-ene-1-carbaldehyde	66327-54-6	-
Vetiveryl Acetate	Vetiveryl Acetate	62563-80-8	-





# PRODUCTS FOR FLAVOURS





PRODUCT	CHEMICAL NAME	CAS	FEMA
Acesulfame K	Potassium 6-Methyl-2,2-dioxo-oxothiazin-4-olate	55589-62-3	-
Acetic Acid	Acetic Acid	64-19-7	2006
Acetyl Eugenol	4-Allyl-2-methoxyphenyl acetate	93-28-7	2469
Acetyl Methyl Carbinol	3-Hydroxy-2-butanone	513-86-0	2008
Alcohol C 8	1-Octanol	111-87-5	2800
Aldehyde C 10	Decanal	112-31-2	2362
Aldehyde C 11 CYL	Undecanal	112-44-7	3092
Aldehyde C 12 Lauric	Dodecyclic aldehyde	112-54-9	-
Aldehyde C 14 (Peach)	gamma-Undecalactone	104-67-6	3091
Aldehyde C 16 (Strawberry)	Ethyl-a-b-epoxy-b-methylphenylpropionate	77-83-8	2444
Aldehyde C 18 (Cocco)	gamma n-Amyl butyrolactone	104-61-0	2781
Aldehyde C 8	Octanal	124-13-0	2797
Allyl CiyloHexylpropionate	2-Propenyl cyclohexylpropionate	2705-87-5	2026
Ambrettolide	Oxacycloheptadec-10-en-2-one	28645-51-4	2555
Amyl Cinnamic Aldehyd	Alpha-n-Amyl cinnamic aldehyde	122-40-7	2061
Anethol 21-22	1-Methoxy-4-(1-propenyl)benzene	4180-23-8	2086
Anisaldehyde	4-Methoxybenzaldehyde	123-11-5	2670
Ascorbic Acid	(2R)-2-[(1S)-1,2-dihydroxyethyl]-4,5-dihydroxy-furan-3-one	50-81-7	-
Aspartame	N-(L-a-Aspartyl)-Lphenylalanine methyl ester	22839-47-0	-
Benzaldehyde	Benzaldehyde E	100-52-7	2127
Benzyl Alcohol	Benzyl Alcohol	100-51-6	2137
Benzyl Cinnamate	2-Propenopic acid, 3-Phenyl-, Phenylmethyl ester	103-41-3	2142
Butyric Acid	Butanoic acid	107-92-6	2221
Carvone L	L-Carvone	6485-40-1	2249
Caryophyllene Beta	b- Caryophyllene	87-44-5	2252
Cinnamic Alcohol	3-Phenyl-2-propen-1-ol	104-54-1	2294
Cinnamic Aldehyde	3-Phenyl-2-propenal	104-55-2	2286
Cis 3 Hexanol	cis-3-Hexen-1-ol	928-96-1	2563





PRODUCT	CHEMICAL NAME	CAS	FEMA
Citral	3,7-Dimethyl-2,6-octadienal	5392-40-5	2303
Citric Acid	2-Hydroxypropane-1,2,3-tricarboxylic Acid	77-92-9	2306
Citronellal	3,7-Dimethyl-6-octen-1-al	106-23-0	2307
Citronellol	3,7-Dimethyl-6-octen-1-ol	106-22-9	2309
Citronellyl Acetate	3,7-Diemthyl-6-octen-1-yl acetate	150-84-5	2311
Citronellyl Nitrile	3,7-Dimethyl-6octen nitrile	51566-62-2	-
Cumin Aldehyde	p-isopropylbenzaldehyde	122-03-2	2341
Diacetil	Butanedione	431-03-8	2370
Diacetin	Glycerol Diacetate	25395-31-7	-
Dihydrocumarin	3,4-Dihydro-2H-benzopyran-2-one	119-84-6	2381
Dimethyl Benzyl Carbinylyl Butyrate	a,a-Dimethylphenethyl butyrate	10094-34-5	2394
Ethyl 2 Methyl Butyrate	Ethyl 2-methylbutyrate	7452-79-1	2443
Ethyl Butyrate	Ethyl butyrate	105-54-4	2427
Ethyl Caproate	Ethyl Hexanoate	123-66-0	2439
Ethyl Formate	Ethyl methanoate	109-94-4	2434
Ethyl Heptanoate	Ethyl Heptanoate	106-30-9	2437
Ethyl Maltol	2-Ethyl-3-hydroxy-4H-pyran-3-one	4940-11-8	3487
Ethyl Vanillin	3-Ethoxy-4-hydroxybenzaldehyde	121-32-4	2464
Eugenol	4-Allyl-2-methoxyphenol	97-53-0	2467
Exaltolide	Oxacyclohexadecan-2-one	106-02-5	2840
Gamma Decalactone	gamma-n-Hexyl-gamma-butyrolactone	706-14-9	2360
Gamma Dodecalactone	gamma-n-Octyl-gamma-n-Butyrolactone	2305-05-7	2400
Gamma Heptalactone	Heptanolide-(4,1)	105-21-5	2539
Gamma Octalactone	gamma-n-Butyl-gamma-butyrolactone	104-50-7	2796
Geraniol	(Z)-3,7-Dimethyl-2,6-octadien-1-ol + Nerol	106-24-1	2507
Hexanal	n-Hexanal	66-25-1	2557
Hexyl Acetate	Hexyl Acetate	142-92-7	2565
Hydroxycitronellal	7-Hydroxy-3,7-dimethyloctanal	107-75-5	2583



PRODUCT	CHEMICAL NAME	CAS	FEMA
Isoamyl Acetate	3-Methyl-1-butyl acetate	123-92-2	2055
Isobutyric Acid	Isobutyric acid	79-31-2	2222
Isoeugenolo	2-Methoxy-4-propylen phenol	97-54-1	2468
Lactic Acid	2-Hydroxypropanoic acid	79-33-4	2611
Linalool	3,7-Dimethyl-1,6-octadien-3-ol	78-70-6	2635
Linalyl Acetate	3,7-Dimethyl-1,6-octadien-3-yl acetate	115-95-7	2636
Maltol	3-Hydroxy-2-methyl-4-pyrone	118-71-8	2656
Menthol Crystal	5-Methyl-2-isopropyl cyclohexanol	2216-51-5	2665
Methyl Cinnamate	Methyl Cinnamate	103-26-4	2698
Methyl Dihydro Jasmonate	Methyl 3-oxo-2-pentylcyclopentame acetate	24851-98-7	3408
Methyl Heptenone	6-Metyhl-5-hepten-2-one	110-93-0	2707
Methylcyclopentenolone	2-Hydroxy-3-methyl-2-cyclopentenone	765-70-8	2700
Para-methyl Acetophenone	1-Acetyl-4-methylbenzene	122-00-9	2677
Phellandrene-65	(S)-p-Mentha-1,8-diene	5989-54-8	2633
Phenyl Acetic Aldehyde	Phenylethanal	122-78-1	2874
Phosphoric Acid	Orto-Phosphoric Acid	7664-38-2	2900
Strawberry Furanone	4-Hydroxy-2,5-Dimethylfuran-2(3H)-one	3658-77-3	3174





# EMULSIFIERS & SOLUBILIZERS





PRODUCT	CHEMICAL NAME	CAS	FEMA
Cetareth-12	C16-18 alcohols, ethoxylated (12 mol EO average molar ratio)	68439-49-6	-
Cetareth-20	C16-18 alcohols, ethoxylated (20 mol EO average molar ratio)	68439-49-6	-
Cetareth-23	C16-18 alcohols, ethoxylated (23 mol EO average molar ratio)	68439-49-6	-
Cetareth-30	C16-18 alcohols, ethoxylated (30 mol EO average molar ratio)	68439-49-6	-
Glycereth 17	-	-	-
Glycereth 26	Poly(oxy-1,2-ethanediyl),alpha,alpha',alpha''-1,2,3-propanetriyltris-omega-hydroxy	31694-55-0	-
Glyceryl Citrate Oleate	-	-	-
Laureth-2	2-[2-(dodecyloxy)ethoxy]ethanol	3055-93-4	-
Laureth-23	Poly(oxy-1,2-ethanediyl),alpha.-dodecyl-omega-hydroxy-	9002-92-0	-
Laureth-3	2-[2-[2-(dodecyloxy)ethoxy]ethoxy]ethanol	3055-94-5	-
Laureth-4	3,6,9,12-tetraoxatetracosan-1-ol	9002-92-0	-
Laureth-7	3,6,9,12,15,18,21-heptaoxatritriacontanol	9002-92-0	-
Laureth-9	3,6,9,12,15,18,21,24,27-nonaoxanonatriacontan-1-ol	9002-92-0	-
Peg 40 Hydrogenated castor oil	Castor oil, hydrogenated, ethoxylated	61788-85-0	-
Peg 40 Hydrogenated castor oil and propile glycol, water	-	-	-
Peg 60 Hydrogenated castor oil	Castor oil, hydrogenated, ethoxylated	61788-85-0	-
PEG-100 stearate	Poly(oxy-1,2-ethanediyl),alpha.-(1-oxooctadecyl)-omega.-hydroxy	9004-99-3	-
PEG-20 stearate	Poly(oxy-1,2-ethanediyl),alpha.-(1-oxooctadecyl)-omega.-hydroxy	9004-99-3	-
Peg-40 Hydrogenated castor oil (and) trideceth-9 (and) polysorbate 20 (and) water	-	-	-
Polysorbate 20	Polyoxyethylene (20) sorbitan monolaurate	9005-64-5	-



PRODUCT	CHEMICAL NAME	CAS	FEMA
Polysorbate 40	Polyoxyethylene Sorbitan Monopalmitate	9005-66-7	-
Polysorbate 60	polyoxyethylene(20)sorbitan monostearate	9005-67-8	-
Polysorbate 80	Polyoxyethylene (20) sorbitan monooleate	9005-65-6	-
Ppg-26-buteth-26 peg-40 Hydrogenated castor oil	-	-	-
Sorbitan Laurate	-	1338-39-2	-
Sorbitan Oleate	Sorbitan, mono-9-octadecenoate	1338-43-8	-
Sorbitan Palmate	-	26266-57-9	-
Sorbitan Stearate	Sorbitan, monooctadecanoate	1338-41-6	-
Steareth-2	Poly(oxy-1,2-ethanediyl),alpha.-octadecyl-omega.-hydroxy	9005-00-9	-
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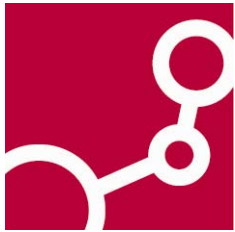
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621-82-9	Cinnamic Acid	14
624-41-9	2-Methylbutyl Acetate	4
628-97-7	Ethyl Palmitate	5
638-49-3	Amyl Formate	13
705-86-2	Delta Decalactone	5/15
706-14-9	Gamma Decalactone	5/17/25
706-14-9	Gamma Dodecalactone	25
713-95-1	Delta Dodecalactone	5
765-70-8	Methylcyclopentenolone	26
868-57-5	Methyl 2 Methyl Butyrate	5
928-95-0	Trans-2-Hexenol	6
928-96-1	Cis 3 Hexanol	4/15/25

1118-32-4	Mircenyl Acetate	20
1205-17-0	Helional	17
1222-05-5	Musk 50 DEP	20
1335-66-6	Isocyclocitral	18
1338-39-2	Sorbitan Laurate	29
1338-41-6	Sorbitan Stearate	29
1338-43-8	Sorbitan Oleate	29
1365-19-1	Linalool Oxide	19
1405-92-1	Cedrenyl Acetate	14
1490-04-6	Menthol Liquid	5
1632-73-1	Fenchyl Alcohol	16
2049-96-9	Amyl Benzoate	13
2050-08-0	Amyl Salicylate	13
2153-26-6	Terpenyl Formate	21
2216-51-5	Menthol Crystal	5/26
2305-05-7	Gamma Dodecalactone	17
2345-26-8	Geranyl Isobutirrate	17
2550-26-7	Benzyl Acetone	13
2629-49-8	Tridecene 2 Nitrile	22
2705-87-5	Allyl CicyloHexylpropionate	24
3055-93-4	Laureth-2	28
3055-94-5	Laureth-3	28
3387-41-5	Sabinene	6
3407-42-9	Isobornyl Cyclohexanol	18
3487-99-8	Amyl Cinnamate	13
3658-77-3	Strawberry Furanone	6/21/26
3681-71-8	Cis-3-Hexenyl Acetate	4/15
4180-23-8	Anethol 21/22	4/24
4707-47-5	Methyl Oakmoss	20
4940-11-8	Ethyl Maltol	16/25
5146-66-7	Geranyl Nitrile	17
5392-40-5	Citral	4/15/25
5413-60-5	Verdyl Acetate	22
5462-06-6	Canthoxal	14
5471-51-2	Raspberry Ketone	21
5988-91-0	Tetraidro Citral	22
5989-27-5	D-Limonene	5
5989-54-8	Phellandrene-65	6/26
6259-76-3	Hexyl Salicylate	17
6378-65-0	Hexyl Caproate	17
6485-40-1	Carvone L	14/24
6707-60-4	Cervolide	14
6789-88-4	Hexyl Benzoate	17
6790-58-5	Ambroxide	13
6812-78-8	Rhodinol ex-Geranium	6
6885-99-2	Litsea Terpenes	9
7212-44-4	Nerolidol	20
7392-19-0	Limetol	19
7452-79-1	Ethyl 2 Methyl Butyrate	25
7493-74-5	Allyl Phenoxyacetate	12
7549-37-3	Citral Dimethyl Acetal	15
7664-38-2	Phosphoric Acid	26
7779-65-9	Isoamyl Cinnamate	18
7785-26-4	Alpha Pinene	4
8000-25-7	Rosemary Oil	9
8000-28-0	Lavander Oil	9
8000-29-1	Citronella 85/35 Oil	8
8000-34-8	Clove Bud Oil	8
8000-34-8	Clove Leaf Oil	8
8000-46-2	Geranium Bourbon Oil	8
8000-46-2	Geranium Oil	8
8000-48-4	Eucaliptus Citriodora Oil	8
8000-48-4	Eucaliptus Globulus 80% Oil	8
8000-66-6	Cardamom O.E	8
8000-78-0	Garlic Oil	8
8002-09-3	Pine Oil 50%	9
8002-41-3	Laurel Oil	8
8002-72-0	Onion Oil	9
8006-64-2	Turpentin Oil.	10
8006-81-3	Ylang Ylang Oil	10
8006-82-4	Black Pepper Oil	8
8006-84-6	Fennel Sweet Oil	8
8006-90-4	Peppermint Oil	9
8007-01-0	Rose Oil	9
8007-06-5	Cascarilla O.E.	8



8007-08-7	Ginger Oil	8
8007-46-3	Red Thyme Oil	9
8007-46-3	White Thyme Oil	10
8007-70-3	Star Aniseed Terpenes	9
8007-75-8	Bergamot Oil	8
8007-80-5	Cinnamon Leaf Oil	8
8008-26-2	Lime Cold Pressed	9
8008-26-2	Lime Distilled	9
8008-26-2	Lime Terpenes	9
8008-51-3	White Camphor Oil	10
8008-52-4	Coriander Oil	8
8008-56-8	Lemon Oil	9
8008-56-8	Lemon Terpenes	9
8008-57-9	Orange Sweet Oil	9
8008-79-5	Mint Oil 50%	9
8008-98-8	Cajeput Oil	8
8013-86-3	Cypress O.E.	8
8013-97-6	Copaiba Balsam	8
8014-09-3	Patchouli Light Oil	9
8014-09-3	Patchouli Oil	9
8014-17-3	Petigrain Paraguay Oil	9
8015-73-4	Basil Oil	8
8016-03-3	Davana Oil	8
8016-23-7	Guayacwood Oil	8
8016-26-0	Cistus O.E.	8
8016-96-4	Vetiver Oil	10
8016-96-4	Vetiver Terpenes	10
8017-71-9	Melissa O.E.	9
8022-15-9	Lavandin Absolute	9
8022-15-9	Lavandin Oil	9
8022-56-8	Sage Officialis Oil.	9
8022-96-6	Jasmin Absolute	8
8024-12-2	Verbena O.E.	10
8028-48-6	Orange Terpenes	9
9002-92-0	Laureth-23	28
9002-92-0	Laureth-4	28
9002-92-0	Laureth-7	28
9002-92-0	Laureth-9	28
9004-99-3	PEG-100 stearate	28
9004-99-3	PEG-20 stearate	28
9005-00-9	Stearath-2	29
9005-64-5	Polysorbate 20	29
9005-65-6	Polysorbate 80	29
9005-66-7	Polysorbate 40	29
9005-67-8	Polysorbate 60	29
10022-28-3	Aldehyde C 8 Dma	12
10094-34-5	Dimethyl Benzyl Carbonyl Butyrate	16/25
10339-55-6	Ethyl Linalool	16
13019-22-2	9-Decen-1-ol	12
13171-00-1	Celestolide	14
13816-33-6	Cuminic Nitrile	15
14901-07-6	Beta Ionone	4/13
16587-71-6	Orivone	20
16930-96-4	Hexyl Tiglate	17
17511-60-3	Verdyl Propionate	22
18127-01-0	Bourgeonal	14
18479-51-1	Dihydrolinalool	15
18479-57-7	Tetrahydro Myrcenol	22
18479-58-8	Dihydromyrcenol	15
20665-85-4	Vanillin Isobutyrate	22
21145-77-7	Ganolide	17
22839-47-0	Aspartame	24
23696-85-7	Damascenone	15
23787-90-8	Isolongifulanone	18
24720-09-0	Damascone Alfa	15
24851-98-7	Hedione Supsttute	17
24851-98-7	Methyl Dihydro Jasmonate	19/26
25265-71-8	Dipropylenglycol (DPG)	16
25279-09-8	Dimyrcetol	16
25395-31-7	Diacetin	25
26160-83-8	Alcohol Tcd	12
26266-57-9	Sorbitan Palmate	29
27939-60-2	Ligustral	19
28219-61-6	Bacdanol	13
28645-51-4	Ambrettolide	12/24

28940-11-6	Calone	14
29066-34-0	Menthyl Acetate	19
31694-55-0	Glycereth 26	28
31906-04-4	Lyrall	19
32210-23-4	PTBCHA	21
32388-55-9	Methyl Cedryl Ketone	19
33704-61-9	Cashmerane	14
3558-60-9	Methyl Phenyl Ethyl Ether	20
36306-87-3	Kephalis	18
37677-14-8	Myrac Aldehyde	20
38462-22-5	Thiomenthone	6
39255-32-8	Ethyl 2 Metyl Pentanoate	16
51566-62-2	Citronellyl Nitrile	15/25
53767-93-4	Dihydromyrcenyl Acetate	15
54464-57-2	Dimethyl Myrcetone	16
54546-26-8	Herboxane	17
54982-83-1	Ethylene Dodecandioate	16
55589-62-3	Acesulfame K	24
56011-02-0	Phenylethyl Isoamyl Ether	21
58296-81-4	Aldehyde Intraleven	12
58430-94-7	Isononyl Acetate	18
61788-85-0	Peg 40 Hydrogenated castor oil	28
61788-85-0	Peg 60 Hydrogenated castor oil	28
62563-80-8	Vetiveryl Acetate	22
65113-99-7	Sandalore	21
65405-84-7	Cetonal	14
65442-31-1	Isobutyl Quinoline	18
66068-84-6	Sandenol	21
66072-32-0	Sandela	21
66327-54-6	Vernaldeide	22
67634-00-8	Allyl Amyl Glycolate	12
67674-46-8	Methyl Pamplemousse	20
67801-20-1	Ebanol	16
67874-72-0	Coniferan	15
68039-47-4	Petiole	21
68439-49-6	Cetareth-12	28
68439-49-6	Cetareth-20	28
68439-49-6	Cetareth-23	28
68439-49-6	Cetareth-30	28
68603-22-5	Cedrenol	14
68606-83-7	Cananga Oil	8
68845-36-3	AzARBRE	13
68855-99-2	Litsea Cubeba 75% Oil	9
68917-18-0	Mint Terpenes	9
73018-51-6	Lime Oxide	19
75147-23-8	Buccoxime	14
81782-77-6	Undecavertol	22
82461-14-1	Rhubafurane	21
84625-29-6	Paprika Oleoresin	9
84625-32-1	Eucalyptus Terpenes	8
85085-29-6	Cedarwood Oil	8
90480-35-6	Citral	15



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