

II

(Acts whose publication is not obligatory)

COMMISSION

COMMISSION DECISION

of 23 January 2002

amending Commission Decision 1999/217/EC as regards the register of flavouring substances used in or on foodstuffs

(notified under document number C(2002) 88)

(Text with EEA relevance)

(2002/113/EC)

THE COMMISSION OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Community,

Having regard to Regulation (EC) No 2232/96 of the European Parliament and of the Council of 28 October 1996 laying down a Community procedure for flavouring substances used or intended for use in or on foodstuffs ⁽¹⁾ and in particular Article 3(2) thereof,

Whereas:

- (1) Pursuant to Article 3(2) of Regulation (EC) No 2232/96, the Commission through its Decision 1999/217/EC ⁽²⁾, as amended by Decision 2000/489/EC ⁽³⁾, adopted a register of flavouring substances used in or on foodstuffs.
- (2) According to Commission Regulation (EC) No 1565/2000 of 18 July 2000 laying down the measures necessary for the adoption of an evaluation programme in application of Regulation (EC) No 2232/96 ⁽⁴⁾, new numbers, so called 'FL numbers', should be attributed to each flavouring substance. In addition, all flavouring substances of the register should be subdivided into groups of related substances according to the list of groups as laid down in that Regulation. This

information should be available to the persons placing the substance on the market so that they can fulfil their obligations according to Regulation (EC) No 1565/2000. The register of flavouring substances should therefore provide the new FL numbers and group numbers.

- (3) Parts 1, 2, and 3 of the Register annexed to Decision 1999/217/EC, as amended by Decision 2000/489/EC, should be combined into one part, part A, and the substances should be listed according to their FL numbers. Part 4 of the Register should be replaced by the text in part B of the Register annexed to this Decision.
- (4) Scrutiny of the flavouring substances notified by Member States and laid down in Decision 1999/217/EC revealed a number of inconsistencies in the chemical numbers, names, synonyms and systematic names and identified a number of cases where the same substances appeared under different chemical names in the register. These inconsistencies should be corrected. Where for those inconsistencies for which no final conclusion could be reached at this stage, at least the fact of a possible inconsistency should be mentioned.
- (5) For a number of substances of Decision 1999/217/EC, including confidentially notified substances, certain Member States have withdrawn their respective notifications. These substances should be deleted from the register. Likewise, Member States have notified new substances which in accordance with Article 5(2) of Regulation (EC) No 2232/96 should be included in the evaluation programme and need therefore to be incorporated into the register.

⁽¹⁾ OJ L 299, 23.11.1996, p. 1.

⁽²⁾ OJ L 84, 27.3.1999, p. 1.

⁽³⁾ OJ L 197, 3.8.2000, p. 53.

⁽⁴⁾ OJ L 180, 19.7.2000, p. 8.

(6) According to Article 4(3) of Regulation (EC) No 2232/96, a substance shall be deleted from the register if it is apparent, following the evaluation, that a flavouring substance does not comply with the general use criteria given in the Annex of the said Regulation. The Scientific Committee on Food concluded in its opinions expressed on 26 September 2001 that 4-Allyl-1,2-dimethoxybenzene (methyleugenol) and 1-Allyl-4-methoxybenzene (estragole) are genotoxic. These substances should therefore be deleted from the register.

(7) Decision 1999/217/EC should therefore be amended accordingly.

(8) The measures provided for in this Decision are in accordance with the opinion of the Standing Committee for Foodstuffs,

HAS ADOPTED THIS DECISION:

Article 1

The Register annexed to Decision 1999/217/EC is replaced by the text in the Annex to this Decision.

Article 2

This Decision is addressed to the Member States.

Done at Brussels, 23 January 2002

For the Commission

David BYRNE

Member of the Commission

ANNEX

'Register of flavouring substances notified by the Member States pursuant to Article 3(1) of Regulation (EC) No 2232/96 of the European Parliament and the Council of 28 October 1996 laying down a Community procedure for flavouring substances used or intended for use in or on foodstuffs

The register of chemically defined flavouring substances has been divided into two distinct parts. Part A lists the substances according to their FL numbers. Part B lists those substances for which confidentiality has been requested by a Member State in order to protect the intellectual property rights of the manufacturer.

In part A, CAS ⁽¹⁾, EINECS ⁽²⁾, CoE ⁽³⁾ and FEMA ⁽⁴⁾ numbers are indicated, where available.

A number in the column "comments" refers to one of the following remarks:

1. Substance which, apart from its flavouring properties, is used for other purposes on or in foodstuffs, and, therefore, may be subject to additional legal provisions.
2. Substance the use of which is subject to restrictive or prohibitive measures in certain Member States.
3. Substance to be given priority in the evaluation programme laid down in Regulation (EC) No 1565/2000.
4. Substance on which additional information is to be submitted.
5. Name, synonyms, systematic names, CAS, EINECS, CoE or FEMA number might contain inconsistencies.

A specific question raised concerned the treatment of salts and other derived compounds from a "generic" substance. Certain substances had been notified with a high degree of precision. Other substances are lacking this detailed identification. On a number of acids or bases, no specific guidance is given on the actual covering of their derived salts. It is provisionally presumed, but only for the purpose of this register, that ammonium, sodium, potassium and calcium salts, as well as chlorides, carbonates and sulphates, are covered by the "generic" substance, providing they have flavouring properties. However, final acceptance will depend of the results of the evaluation, which in these cases should verify carefully the accuracy of such assimilation.

⁽¹⁾ Chemical Abstracts Service.

⁽²⁾ European Inventory of Existing Chemical Substances.

⁽³⁾ Council of Europe.

⁽⁴⁾ Flavour and Extract Manufacturers' Association of the US.

PART A
FLAVOURING SUBSTANCES
(ordered by FL numbers)

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
01.001	31	138-86-3	Limonene	2633	491	205-341-0
01.002	31	99-87-6	1-Isopropyl-4-methylbenzene	2356	620	202-796-7
01.003	31	127-91-3	Pin-2(10)-ene	2903	2114	204-872-5
01.004	31	80-56-8	Pin-2(3)-ene	2902	2113	201-291-9
01.005	31	586-62-9	Terpinolene	3046	2115	209-578-0
01.006	31	99-83-2	alpha-Phellandrene	2856	2117	202-792-5
01.007	31	87-44-5	beta-Caryophyllene	2252	2118	201-746-1
01.008	31	123-35-3	Myrcene	2762	2197	204-622-5
01.009	31	79-92-5	Camphene	2229	2227	201-234-8
01.010	31	1195-32-0	1-Isopropenyl-4-methylbenzene	3144	2260	214-795-9
01.011	31	644-08-6	4-Methyl-1,1'-biphenyl	3186	2292	211-409-0
01.013	31	92-52-4	Biphenyl	3129	10978	202-163-5
01.014	31	90-12-0	1-Methylnaphthalene	3193	11009	201-966-8
01.015	31	100-42-5	Vinylbenzene	3233	11022	202-851-5
01.016	31	495-62-5	1,4(8),12-Bisabolatriene	3331	10979	207-805-8
01.017	31	4630-07-3	Valencene	3443	11030	225-047-6
01.018	31	13877-91-3	beta-Ocimene	3539	11015	237-641-2
01.019	31	99-86-5	alpha-Terpinene	3558	11023	202-795-1
01.020	31	99-85-4	gamma-Terpinene	3559	11025	202-794-6
01.021	31	29350-73-0	delta-Cadinene		10982	249-580-9
01.022	31	469-61-4	alpha-Cedrene		10985	207-418-4
01.023	31	3691-12-1	1(5),11-Guaiadiene		11003	201-860-1
01.024	31	5208-59-3	beta-Bourbonene		11931	
01.025	31	30640-46-1	2-Methyl-1,3-cyclohexadiene		11797	250-269-5
01.026	31	88-84-6	1(5),7(11)-Guaiadiene			201-860-1
01.027	31	17627-44-0	Bisabola-1,8,12-triene			241-610-9
01.028	31	495-61-4	beta-Bisabolene			
01.029	31	13466-78-9	delta-3-Carene	3821	10983	236-719-3
01.030	31	13744-15-5	beta-Cubebene		10989	
01.031	31	30364-38-6	1,2-Dihydro-1,1,6-trimethylnaphthalene			250-150-8
01.032	31	7681-88-1	2,3-Dihydrofarnesene			
01.033	31	590-73-8	2,2-Dimethylhexane			209-689-4
01.034	31	589-43-5	2,4-Dimethylhexane			209-649-6
01.035	31	673-84-7	2,6-Dimethylocta-2,4,6-triene			211-614-5
01.036	31	101-81-5	Diphenylmethane		11847	202-978-6
01.037	31	112-41-4	Dodec-1-ene		10992	203-968-4
01.038	31	112-40-3	Dodecane			203-967-9

FL No	Synonyms	Systematic name	Comments
01.001	1,8(9)-p-Menthadiene; p-Mentha-1,8-diene; 1-Methyl-4-isopropenyl-1-cyclohexene; Dipentene; Carvene; Cinene; Citrene;		5
01.002	p-Cymene; Cymene; p-methyl-isopropylbenzene; 4-isopropyl-1-methylbenzene; Cymol; 4-Methyl-1-isopropylbenzene; 1-Methyl-4-isopropylbenzene		
01.003	beta-Pinene	6,6-Dimethyl-2-methylenebi-cyclo[3.1.1]heptane	
01.004	alpha-Pinene	2,6,6-Trimethyl-bicyclo[3.1.1]hept-2-ene	
01.005	p-Menth-1,4(8)-diene; 1-Methyl-4-isopropylidene-1-cyclohexene; 1,4(8)-Terpadiene;	p-Mentha-1,4(8)-diene	
01.006	Phellandrene; 2-Methyl-5-isopropyl-1,3-cyclohexadiene; 4-isopropyl-1-methyl-1,5-cyclohexadiene	p-Mentha-1,5-diene	
01.007	Caryophyllene; 2-Methylene-6,10,10-trimethylbicyclo-[7,2,0]-undec-5-ene;	4,11,11-Trimethyl-8-methylene-bi-cyclo[7.2.0]undec-4(trans)-ene	
01.008	7-Methyl-3-methylene-1,6-octadiene;	7-Methyl-3-methyleneocta-1,6-diene	
01.009	3,3-Dimethyl-2-methylenenorcamphene; 2,2-Dimethyl-3-methylenenorbornane		
01.010	4,alpha-Dimethylstyrene; p-Isopropenyl toluene; 1-Methyl-4-isopropenyl benzene; 2-p-tolyl propene;		
01.011	p-Methyldiphenyl; p-Methylphenylbenzene; Phenyl-p-tolyl; p-Phenyl-toluene;		
01.013	Diphenyl; Phenylbenzene;		4
01.014	alpha-Methylnaphthalene;		
01.015	Styrene; Vinylbenzol; Phenylethene; Phenylethylene;		2, 3
01.016	gamma-Bisabolene; gamma-Bisabolene; 1-Methyl-4-(1,5-dimethyl-1,4-hexadienyl)-1-cyclohexene;	6-Methyl-2-(4-methylcyclohex-3-enyli-dene)hept-5-ene	
01.017	1,2,3,5,6,7,8a-Octahydro-1,8a-dimethyl-7-isopropenyl naphthalene	1,2-Dimethyl-9-isopropylene-bi-cyclo[4.4.0]dec-5-ene	
01.018	trans-beta-ocimene; 1,3,6-octatriene, 3,7-dimethyl-;	3,7-Dimethylocta-1,3(trans),6-triene	
01.019	1-Methyl-4-isopropyl-1,3-cyclohexadiene	p-Mentha-1,3-diene	
01.020	1-Methyl-4-isopropyl-1,4-cyclohexadiene; Moslene; Crithmene;	p-Mentha-1,4-diene	
01.021	alpha-, beta-, gamma-, epsilon, delta-Cadiene;	2,3,4,7,8,10-hexahydro-1,6-dimethyl-4-isopropyl-naphthalene	
01.022		2,6,6,8-Tetramethyl-tri-cyclo[5.3.1.0(1.5)]undec-8-ene	
01.023	1,4-Dimethyl-7-isopropenyl-delta-9,10-octahydroazulene; alpha-Guaiene;	2,8-Dimethyl-5-isopropenyl-bicyclo[5.3.0]dec-1(7)-ene	
01.024		2-Methyl-8-methylene-5-isopropyl-tri-cyclo[5.3.0.0(2.6)]decane	
01.025	Dihydrotoluene-(1,3);		
01.026	beta-Guaiene; (1S-cis)-1,2,3,4,5,6,7,8-octahydro-7-isopropylidene-1,4-dimethyl-azulene	2,8-Dimethyl-5-isopropylidene-bi-cyclo[5.3.0] dec-1(7)-ene	
01.027	alpha Bisabolene	6-Methyl-2-(4-methylcyclohex-3-enyl)hepta-2,5-diene	
01.028			
01.029	3-Carene; Isodiprene; d-3-Carene; Car-3-ene; 4,7,7-Trimethyl-3-norcarene; 3,7,7-Trimethylbicyclo[4,1,0]hept-3-ene	3,7,7-trimethyl-bicyclo-[4.1.0] hept-3-ene	
01.030		10-Methyl-4-methylene-7-isopropyl-tri-cyclo[4.4.0.0(1.5)]decane	
01.031	Dehydroionene		
01.032			
01.033			
01.034			
01.035	allo Ocimene; Allocimene;		
01.036	Benzylbenzene; Phenylbenzyl; 1,1'-methylenebis-benzene;		
01.037	1-Dodecene; Dodecylene;		
01.038	n-Dodecane;		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
01.039	31	20307-84-0	delta-Elemene		10996	
01.040	31	502-61-4	alpha-Farnesene	3839	10998	207-948-6
01.041	31	18794-84-8	beta-Farnesene	3839	10999	242-582-0
01.042	31	23986-74-5	Germacra-1(10),4(14),5-triene			
01.043	31	6753-98-6	3,7,10-Humulatriene		11004	229-816-7
01.044	31	1135-66-6	Isolongifolene			214-494-2
01.045	31	5989-27-5	d-Limonene	2633	491	227-813-5
01.046	31	5989-54-8	l-Limonene	2633	491	227-815-6
01.047	31	475-20-7	Longifolene			207-491-2
01.049	31	78-79-5	2-Methylbuta-1,3-diene			201-143-3
01.050	31	589-34-4	3-Methylhexane			209-643-3
01.051	31	91-57-6	2-Methylnaphthalene		11010	202-078-3
01.052	31	10208-80-7	alpha-Muurolene		11011	
01.053	31	91-20-3	Naphthalene		11014	202-049-5
01.054	31	629-62-9	Pentadecane			211-098-1
01.055	31	555-10-2	beta-Phellandrene		11017	209-081-9
01.056	31	512-61-8	alpha-Santalene			
01.057	31	629-59-4	Tetradecane			211-096-0
01.058	31	475-03-6	1,2,3,4-Tetrahydro-1,1,6-trimethylnaphthalene			207-490-7
01.059	31	3387-41-5	4(10)-Thujene		11018	222-212-4
01.060	31	508-32-7	1,1,7-Trimethyltricyclo[2.2.1.0.(2.6)]heptane			208-083-7
01.061	31	16356-11-9	Undeca-1,3,5-triene	3795		240-416-1
01.062	31	98-83-9	(1-Methylethenyl)benzene			202-792-5
01.064	31	3338-55-4	cis-3,7-Dimethyl-1,3,6-octatriene			222-081-3
01.065	31	4221-98-1	(R)-5-(1-Methylethyl)-2-methyl-1,3-cyclohexadiene	2856	2117	224-167-6
01.066	31		2-Cedrene			
01.067	31		8(14)-Cedrene			
01.068	31	592-98-3	3-Octene			
01.069	31	38533-54-9	1,3,5,8-Undecatetraene			
02.001	02	78-83-1	2-Methylpropan-1-ol	2179	49	201-148-0
02.002	01	71-23-8	Propan-1-ol	2928	50	200-746-9
02.003	02	123-51-3	Isopentanol	2057	51	204-633-5
02.004	01	71-36-3	Butan-1-ol	2178	52	200-751-6
02.005	01	111-27-3	Hexan-1-ol	2567	53	203-852-3
02.006	01	111-87-5	Octan-1-ol	2800	54	203-917-6
02.007	01	143-08-8	Nonan-1-ol	2789	55	205-583-7
02.008	01	112-53-8	Dodecan-1-ol	2617	56	203-982-0

FL No	Synonyms	Systematic name	Comments
01.039		3-Isopropenyl-1-isopropyl-4-methyl-4-vinylcyclohex-1-ene	
01.040	1,3,6,10-Dodecatetraene, 3,7,11-trimethyl (alpha-isomer)	3,7,11-Trimethyldodeca-1,3,6,10-tetraene	5
01.041	3,7,11-Trimethyl-1,3,6,10-dodecatetraene; 2,6,10-Trimethyl-2,6,9,11-dodecatetrene	7,11-Dimethyl-3-methylene-1,6,10-dodecatriene	5
01.042	Germacrene D	3-Isopropyl-6-methyl-10-methylene-cyclodeca-1,6-diene	
01.043	alpha-Humulene; alpha-Caryophyllene	1,5,5,8-Tetramethylcycloundeca-3,7,10-triene	
01.044		2,2,7,7-Tetramethyltricyclo[6.2.1(1,8),0(1,6)]undec-5-ene	
01.045		p-Mentha-1,8-diene	
01.046	Levo-Limonene;		5
01.047		Decahydro-4,8,8-trimethyl-9-methylene-1,4-methanoazulene	
01.049	Isoprene; 2-Methyl-1,3-butadiene; Beta-methylbivinyI; Isopentadiene; Isopentadiene;		
01.050			
01.051	Beta-methyl naphtalenes; beta-methylnaphthalene		
01.052		2,8-Dimethylene-5-isopropyl-bicyclo[4.4.0]decane	
01.053	Naphthene; Champhor tar;		
01.054	n-Pentadecane;		
01.055		p-Mentha-1(7),2-diene	
01.056		1,7-Dimethyl-7-(4-methyl-3-pentenyl)tricyclo[2.2.1.0 (2,6)] heptane	
01.057	n-Tetradecane		
01.058	Ionene; 1,1,6- Trimethyltetraline; Frambileen		
01.059		4-Methylene-1-isopropyl-bicyclo[3.1.0] hexane	
01.060	Tricyclene		
01.061			
01.062	2-phenylpropene; beta-phenylpropene; Alpha-Methylstyrol; Isopropylphenylethylene; Methylstyrene;		
01.064			
01.065			5
01.066		2,2,4,8-Tetramethyltricyclo[5,3,1(3,7),0(1,7)]undec-8(9)-ene	
01.067	beta-Cedrene	2,2,4,8-Tetramethyltricyclo[5,3,1(3,7),0(1,7)]undec-4(14)-ene	
01.068			
01.069			
02.001	Isobutanol; Isopropyl carbinol		
02.002	Propylic alcohol;		
02.003	Isoamyl alcohol; Isopentyl alcohol; Amyl iso alcohol; 3-Methyl-1-butanol; Pentyl iso alcohol; Isobutyl carbinol;	3-Methylbutan-1-ol	
02.004	Propyl carbinol; Hydroxybutane; Butyric alcohol		4
02.005	Alcohol C-6; n-Hexyl alcohol; Caproic alcohol; Amyl carbinol; n-Hexanol		
02.006	Alcohol C-8; n-Octyl alcohol; Heptyl carbinol; Caprylic alcohol; Capryl alcohol; pri.-Octyl alcohol;		
02.007	Alcohol C-9; Pelargonic alcohol; Nonalol; Octyl carbinol; Pelargonic alcohol; n-Nonyl alcohol		
02.008	Alcohol C-12; Lauryl alcohol; Lauric alcohol; Dodecyl alcohol; 1-Dodecanol; Undecyl carbinol;		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
02.009	01	36653-82-4	Decahexan-1-ol	2554	57	253-149-0
02.010	23	100-51-6	Benzyl alcohol	2137	58	202-859-9
02.011	04	106-22-9	Citronellol	2309	59	203-375-0
02.012	03	106-24-1	Geraniol	2507	60	203-377-1
02.013	06	78-70-6	Linalool	2635	61	201-134-4
02.014	06	98-55-5	alpha-Terpineol	3045	62	202-680-6
02.015	08	89-78-1	Menthol	2665	63	201-939-0
02.016	08	507-70-0	Borneol	2157	64	208-080-0
02.017	22	104-54-1	Cinnamyl alcohol	2294	65	203-212-3
02.018	06	7212-44-4	Nerolidol	2772	67	230-597-5
02.019	15	60-12-8	2-Phenylethan-1-ol	2858	68	200-456-2
02.020	03	2305-21-7	Hex-2-en-1-ol	2562	69	218-972-1
02.021	01	111-70-6	Heptan-1-ol	2548	70	203-897-9
02.022	05	123-96-6	Octan-2-ol	2801	71	204-667-0
02.023	05	3391-86-4	Oct-1-en-3-ol	2805	72	222-226-0
02.024	01	112-30-1	Decan-1-ol	2365	73	203-956-9
02.026	02	106-21-8	3,7-Dimethyloctan-1-ol	2391	75	203-374-5
02.027	04	141-25-3	Rhodinol	2980	76	205-473-9
02.028	06	78-69-3	3,7-Dimethyloctan-3-ol	3060	77	201-133-9
02.029	03	4602-84-0	3,7,11-Trimethyldodeca-2,6,10-trien-1-ol	2478	78	225-004-1
02.030	22	101-85-9	alpha-Pentylcinnamyl alcohol	2065	79	202-982-8
02.031	22	122-97-4	3-Phenylpropan-1-ol	2885	80	204-587-6
02.033	21	93-54-9	1-Phenylpropan-1-ol	2884	82	202-256-0
02.034	21	705-73-7	1-Phenylpentan-2-ol	2953	83	211-887-0
02.035	06	100-86-7	2-Methyl-1-phenylpropan-2-ol	2393	84	202-896-0
02.036	21	2344-70-9	4-Phenylbutan-2-ol	2879	85	219-055-9
02.037	06	10415-87-9	3-Methyl-1-phenylpentan-3-ol	2883	86	233-889-0
02.038	08	1632-73-1	Fenchyl alcohol	2480	87	216-639-5
02.039	23	536-60-7	4-Isopropylbenzyl alcohol	2933	88	208-640-4
02.040	01	71-41-0	Pentan-1-ol	2056	514	200-752-1
02.041	06	75-85-4	2-Methylbutan-2-ol		515	200-908-9
02.042	06	1197-01-9	2-(4-Methylphenyl)propan-2-ol	3242	530	214-817-7
02.043	02	97-95-0	2-Ethylbutan-1-ol		543	202-621-4

FL No	Synonyms	Systematic name	Comments
02.009	Cetyl alcohol; Alcohol C-16; n-hexadecyl alcohol; Palmityl alcohol;		
02.010	alpha-Hydroxytoluene; Phenyl carbinol; Phenylmethanol; Phenylmethyl alcohol		1
02.011		3,7-Dimethyloct-6-en-1-ol	
02.012	2,6-Dimethyl-2,6-octadien-8-ol; trans-3,7-Dimethyl-2,6-octadien-1-ol;	3,7-Dimethylocta-2(trans),6-dien-1-ol	
02.013	2,6-Dimethyl-octadien-2,7-ol-6; 2,6-Dimethyl-2,7-octadien-6-ol; Linalol; Licareol; Coriandrol	3,7-Dimethylocta-1,6-dien-3-ol	
02.014	alpha-Terpineol; 1-Methyl-4-isopropyl-1-cyclohexen-8-ol; alpha-Terpilenol; Terpineol schlechthin	p-Menth-1-en-8-ol	
02.015	2-Isopropyl-5-methylcyclohexanol; Hexahydrothymol; 5-Methyl-2-isopropylhexahydrophenol; 5-Methyl-2-isopropylcyclohexanol	cis(1,3)-trans(1,4)-Menthan-3-ol	5
02.016	Camphol; Baros; d-Camphanol; 2-Hydroxycamphane; 2-Camphanol; Bornyl alcohol; Borneocamphor	1,7,7-Trimethyl-bicyclo[2.2.1]heptan-2-ol	
02.017	Cinnamic alcohol; gamma-Phenylallyl alcohol; 3-Phenyl-2-propen-1-ol; 2-Propen-1-ol,-3-phenyl;	3-Phenylprop-2-enol	
02.018	3,7,11- Trimethyl-1,6,10-dodecatrien-3-ol; Peruviol; Dodecatrien; Melaleucol;	3,7,11-Trimethyl-1,6(cis),10-dodecatrien-3-ol	5
02.019	Phenethyl alcohol; beta-Phenethyl alcohol; 1-Phenyl-2-ethanol; 2-Phenylethyl alcohol; Benzyl carbinol		
02.020	2-Hexenol; 3-Propylallyl alcohol		
02.021	Heptyl alcohol; Alcohol C-7; Hydroxyheptane; Enanthyl alcohol; Enanthic alcohol; pri.Heptyl alcohol; Hexyl carbinol; Hydroxyheptane		
02.022	Octyl alcohol sec.; Methyl hexyl carbinol; Capryl alcohol sec.; Hexyl methyl carbinol		
02.023	Amyl vinyl carbinol; (Amylvinylcarbinol); Matsutake alcohol; Matsuka alcohol; n-Pentyl vinyl carbinol		
02.024	Alcohol C-10; n-Decyl alcohol; Nonylacarbinol; Decylic alcohol; Capric alcohol;		
02.026	Tetrahydrogeraniol; Dihydrocitronellol		
02.027	alpha-Citronellol; 2,6-Dimethyl-1-octen-8-ol	3,7-Dimethyloct-7-en-1-ol	
02.028	Tetrahydrolinalool; Tetrahydrolinalol; 1-Ethyl-1,5-dimethyl hexanol		
02.029	Farnesol; 2,6,10-Trimethyl-2,6,10-dodecatrien-12-ol		
02.030	n-Amyl cinnamic alcohol; 2-Amyl-3-phenyl-2-propen-1-ol; 2-Benzylidene-heptanol;	2-Pentyl-3-phenylprop-2-enol	
02.031	Benzylethyl alcohol; Hydrocinnamyl alcohol; Phenylpropyl alcohol; Dihydrocinnamyl alcohol;		
02.033	Phenyl ethyl carbinol; 1-Phenylpropyl alcohol; alpha-Ethylbenzyl alcohol; Ethyl phenyl carbinol		
02.034	alpha-Propylphenethyl alcohol; Benzyl propyl carbinol; Benzylbutyl alcohol; Benzylpropyl carbinol; n-Propyl benzyl carbinol		
02.035	2-Benzyl-2-propanol; 2-Hydroxy-2-methyl-1-phenylpropanone; Benzyl dimethyl carbinol		
02.036	Phenylethyl methyl carbinol; Methyl 2-phenylethyl carbinol;		
02.037	Phenylethyl methyl ethyl carbinol; 3-Methyl-1-phenyl-3-pentanol;		
02.038	2-Fenchanol; alpha-Fenchol; 1,3,3-Trimethyl-2-norbornanol; 1,3,3-Trimethylbicyclo-2,2,1-heptan-2-ol	1,3,3-trimethyl-bicyclo{2.2.1}heptan-2-ol	
02.039	Cuminol; p-Cymen-7-ol; Cuminyll alcohol; Cuminic alcohol; p-Cymen-7-ol;		
02.040	Amyl alcohol; Pentyl alcohol; n-Butyl carbinol		
02.041	t-Amylalcohol		
02.042	p-Cymen-8-ol; p-alpha-alpha-Trimethylbenzyl alcohol; 2-p-Tolyl-2-propanol; 8-Hydroxy p-cymene; Dimethyl p-Tolyl carbinol		
02.043			

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
02.044	05	589-82-2	Heptan-3-ol	3547	544	209-661-1
02.045	05	543-49-7	Heptan-2-ol	3288	554	208-844-3
02.046	05	589-55-9	Heptan-4-ol		555	209-651-7
02.047	09	107-74-4	3,7-Dimethyloctane-1,7-diol	2586	559	203-517-1
02.049	03	7786-44-9	Nona-2,6-dien-1-ol	2780	589	232-097-2
02.050	03	20273-24-9	Pent-2-en-1-ol		665	2164157
02.051	22	10521-91-2	5-Phenylpentan-1-ol	3618	674	234-064-8
02.052	06	75-65-0	2-Methylpropan-2-ol		698	200-889-7
02.053	22	3360-41-6	4-Phenylbutan-1-ol		699	222-128-8
02.054	06	80-53-5	p-Menthane-1,8-diol		701	201-288-2
02.055	02	3452-97-9	3,5,5-Trimethylhexan-1-ol	3324	702	222-376-7
02.056	04	928-96-1	Hex-3(cis)-en-1-ol	2563	750	213-192-8
02.057	01	112-42-5	Undecan-1-ol	3097	751	203-970-5
02.058	03	106-25-2	Nerol	2770	2018	203-378-7
02.059	08	124-76-5	Isoborneol	2158	2020	204-712-4
02.060	07	536-59-4	p-Mentha-1,8-dien-7-ol	2664	2024	208-639-9
02.061	08	619-01-2	Dihydrocarveol	2379	2025	210-575-1
02.062	08	99-48-9	Carveol	2247	2027	202-757-4
02.063	08	2216-52-6	d-Neomenthol	2666	2028	218-691-4
02.064	21	98-85-1	1-Phenylethan-1-ol	2685	2030	202-707-1
02.065	21	7779-78-4	4-Methyl-1-phenylpentan-2-ol	2208	2031	231-939-6
02.066	21	17488-65-2	4-Phenylbut-3-en-2-ol	2880	2032	241-501-6
02.067	05	89-79-2	Isopulegol	2962	2033	201-940-6
02.068	03	107-18-6	Prop-2-en-1-ol		2136	203-470-7
02.070	08	108-93-0	Cyclohexanol		2138	203-630-6
02.071	08	499-69-4	p-Menthan-2-ol	3562	2228	207-885-4
02.072	06	562-74-3	4-Terpinenol	2248	2229	209-235-5
02.073	22	1123-85-9	2-Phenylpropan-1-ol	2732	2257	214-379-7
02.074	04	6126-50-7	Hex-4-en-1-ol	3430	2295	
02.075	08	18675-34-8	neo-Dihydrocarveol		2296	
02.076	02	137-32-6	2-Methylbutan-1-ol		2346	205-289-9
02.077	05	584-02-1	Pentan-3-ol		2349	209-526-7
02.078	01	64-17-5	Ethanol	2419	11891	200-578-6
02.079	05	67-63-0	Isopropanol	2929		200-661-7
02.080	21	536-50-5	1-(p-Tolyl)ethan-1-ol	3139	10197	208-637-8
02.081	05	108-82-7	2,6-Dimethylheptan-4-ol	3140	11719	203-619-6
02.082	02	104-76-7	2-Ethylhexan-1-ol	3151	11763	203-234-3
02.083	08	491-04-3	p-Menth-1-en-3-ol	3179	10248	207-725-3

FL No	Synonyms	Systematic name	Comments
02.044	n-Butyl ethyl carbinol; Ethyl butyl carbinol		
02.045	2-Hydroxyheptane; Amyl methyl carbinol; sec-Heptyl alcohol; Methyl amyl carbinol		
02.046			
02.047	Hydroxycitronellol; 7-Hydroxy-3,7-dimethyloctan-1-ol; Hydroxydihydrocitronellol		
02.049	Nonadienol; Violet leaf alcohol;		
02.050			
02.051	Phenylamyl alcohol		
02.052	1,1-Dimethylethanol; tertButanol; tert. Butanol 1,1-Dimethyl ethanol; tert.-Butanol		
02.053			
02.054	Terpin hydrate; 4-Hydroxy-alpha, alpha, 4-trimethyl cyclohexane methanol; dipentene glycol		
02.055	Trimethylhexyl alcohol; Isononanol		
02.056	Leaf alcohol; beta-gamma-hexenol; cis-3-hexenol; Blatteralkohol; Hex-3-en-1-ol		5
02.057	Alcohol C-11, undecylic; Undecyl alcohol; Decyl carbinol; 1-Hendecanol		
02.058	Nerolol; Neraniol; Nerosol; Cis-3,7-Dimethyl-2,6,octadien-1-ol; Allerol; cis-2,6-Dimethyl-2,6-octadien-8-ol; Nerodol; Neraniol	3,7-Dimethyl-2(cis),6-octadien-1-ol	
02.059	Isocamphol; Borneol(iso); (iso)-Camphol; Isobornyl alcohol; (exo)-2-Camphanol; (exo)-2-Bornanol; Bornan-2-ol	1,7,7-Trimethylbicyclo[2.2.1]heptan-2-ol	
02.060	Perilla alcohol; Perillyl alcohol; 1-Hydroxymethyl-4-isopropenyl-1-cyclohexene; Dihydrocuminic alcohol		
02.061	8-p-Menthen-2-ol; 6-Methyl-3-isopropenylcyclohexanol	p-Menth-8-en-2-ol	
02.062	p-Mentha-6,8-dien-2-ol; 1-Methyl-4-isopropenyl-6-cyclohexen-2-ol	p-Mentha-1,8-dien-2-ol	
02.063	2-Propyl-iso-5-Methylcyclohexanol; 2-Isopropyl-5-methylcyclohexanol	2-Isopropyl-5-methylcyclohexanol [1S-(1alpha,2alpha,5beta)]-	
02.064	alpha-Methylbenzyl alcohol; Methyl phenyl carbinol; Methylphenyl carbinol; Styrallyl alcohol; 1-Phenyl-1-hydroxyethane;		
02.065	Benzyl isobutyl carbinol; alpha- Isobutylphenethyl alcohol; 2-Methylpropyl benzyl carbinol; 4-Methyl-1-phenyl-2-pentanol		
02.066	Methyl styryl carbinol; alpha- Methylcinnamyl alcohol		
02.067	1-Methyl-4-isopropenylcyclohexan-3-ol; p-Menth-8(9)-en-3-ol	p-Menth-8-en-3-ol	
02.068	Allyl alcohol; 2-Propen-1-ol; 1-Propenol-3; Vinyl carbinol		
02.070	Hexalin; Hexahydrophenol; Hydroxy cyclohexane;		
02.071	Hexahydrocarvacrol; 3-Isopropyl-6-methylcyclohexanol; Carvomenthol; 1-Methyl-4-isopropyl-2-cyclohexanol		5
02.072	4-Carvomenthenol; 1-Methyl-4-isopropylcyclohex-1-en-4-ol; 1-p-Menthen-4-ol; Origanol; 1-Methyl-4-isopropyl	p- Menth-1-en-4-ol	
02.073	Hydratropic alcohol; Hydratropyl alcohol; 2-Phenylpropyl alcohol;		
02.074			
02.075		p-Menth-8-en-2-ol	
02.076			
02.077	Diethyl carbinol		
02.078	Methyl carbinol; Punctilious (US!); Absolute alc.; Anhydrous alc.; Dehydrated alc.; Ethyl hydrate; Ethyl hydroxide		1
02.079	Isopropyl alcohol; Propan-2-ol; Isopropanol; Dimethyl carbinol; Propyl iso alcohol; Propanol(iso); Petrohol; sec-Propyl alcohol		1
02.080	p-alpha-Dimethylbenzyl alcohol; p-Tolyl methyl carbinol; 1-p-Tolyl-1-ethanol; 4-Toluene; p-Tolyl methyl carbinol	1-(4-Methylphenyl)ethan-1-ol	
02.081	Di-isobutyl carbinol; Diisobutyl carbinol,		
02.082	2-Ethylhexyl alcohol		
02.083	Piperitol		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
02.085	08	546-79-2	Sabinene hydrate	3239	10309	208-911-7
02.086	05	1653-30-1	Undecan-2-ol	3246	11826	216-722-6
02.087	05	628-99-9	Nonan-2-ol	3315	11803	211-065-1
02.088	05	6032-29-7	Pentan-2-ol	3316	11696	227-907-6
02.089	05	623-37-0	Hexan-3-ol	3351	11775	210-790-0
02.090	03	31502-14-4	Non-2(trans)-en-1-ol	3379	10292	250-662-1
02.091	07	515-00-4	Myrtenol	3439	10285	208-193-5
02.092	08	57069-86-0	Dehydrodihydroionol	3446	10195	
02.093	04	35854-86-5	Non-6-en-1-ol	3465	10294	252-764-1
02.094	04	20125-84-2	Oct-3-en-1-ol	3467	10296	243-533-6
02.095	06	18368-91-7	2-Ethylfenchol	3491	10208	242-243-7
02.096	06	586-82-3	1-Terpinenol	3563	10252	209-585-9
02.097	06	138-87-4	beta-Terpineol	3564	10254	205-342-6
02.098	05	589-98-0	Octan-3-ol	3581	11715	209-667-4
02.099	05	616-25-1	Pent-1-en-3-ol	3584	11717	210-472-1
02.100	08	5947-36-4	Pinocarveol	3587	10303	227-705-8
02.101	08	473-67-6	Pin-2-en-4-ol	3594	10304	207-470-8
02.102	05	76649-14-4	Oct-3-en-2-ol	3602		278-508-9
02.103	05	1565-81-7	Decan-3-ol	3605	10194	
02.104	05	4798-44-1	Hex-1-en-3-ol	3608	10220	225-355-0
02.105	08	25312-34-9	4-(2,6,6-Trimethyl-2-cyclohexenyl)but-3-en-2-ol	3624		246-815-7
02.106	08	22029-76-1	4-(2,2,6-Trimethyl-1-cyclohexenyl)but-3-en-2-ol	3625		244-735-7
02.107	08	3293-47-8	Dihydro-beta-ionol	3627		221-957-2
02.108	06	103-05-9	2-Methyl-4-phenylbutan-2-ol	3629	10281	203-074-4
02.109	03	556-82-1	3-Methylbut-2-en-1-ol	3647	11795	209-141-4
02.110	04	36806-46-9	2,6-Dimethylhept-6-en-1-ol	3663		253-223-2
02.111	05	598-75-4	3-Methylbutan-2-ol	3703		209-950-2
02.112	03	41453-56-9	Non-2(cis)-en-1-ol	3720	10292	255-376-0
02.113	04	64275-73-6	Oct-5(cis)-en-1-ol	3722		264-764-9
02.114	07	1901-38-8	2-(2,2,3-Trimethylcyclopent-3-enyl)ethan-1-ol	3741		217-600-5
02.115	02	589-35-5	3-Methylpentan-1-ol	3762	10275	209-644-9
02.118	06	472-97-9	beta-Caryophyllene alcohol		10188	207-458-2
02.119	07	28231-03-0	Cedrenol		10189	248-917-7
02.120	06	77-53-2	Cedrol		10190	201-035-6
02.121	05	78-92-2	Butan-2-ol		11735	201-158-5
02.122	07	3269-90-7	p-Mentha-1,8(10)-dien-9-ol		10239	221-889-3
02.123	06	115-18-4	2-Methylbut-3-en-2-ol		11794	204-068-4
02.124	05	1569-60-4	6-Methylhept-5-en-2-ol		10264	216-377-1
02.125	04	112-43-6	Undec-10-en-1-ol		10319	203-971-0

FL No	Synonyms	Systematic name	Comments
02.085	Sabinenehydrate; Thujan-4-ol	1-Isopropyl-4-methylbicyclo[3.1.0]hexan-4-ol	
02.086	sec-Undecylic alcohol; Methyl nonyl carbinol		
02.087	Methyl-n-Heptyl carbinol; sec-n-Nonanol; Methyl heptyl carbinol		
02.088	sec-Amyl alcohol; alpha-Methyl butanol; Methyl n-propyl carbinol; Methyl n-Propyl carbinol; Propyl methyl carbinol;		
02.089	Ethyl propyl carbinol		
02.090			5
02.091	6,6-Dimethyl-2-oxomethylbicyclo[1,3,3]-hept-2-ene; 10-Hydroxy-2-pinene; 2-pinen-10-ol	2-Hydroxymethyl-6,6-dimethyl-bi-cyclo[3.1.1]hept-2-ene	
02.092	alpha,2,6,6-Tetramethyl-1,3-cyclohexadien-1-propanol;	4-(2,6,6- Trimethyl-1,3-cyclohexadienyl)-butan-2-ol	
02.093	Cis-6-Nonenol		5
02.094	Cis-3-Octenol		5
02.095	2-Ethyl-1,3,3-trimethyl-2-norbornanol;	2-Ethyl-1,3,3-trimethyl-bicyclo[2.2.1]hep-tan-2-ol	
02.096	4-Isopropyl-1-methyl-3-cyclohexen-1-ol; 1-Methyl-4-isopropyl-3-cyclohexen-1-ol; p-Menthen-1-ol, p-3-Methenol-1	p-Menth-3-en-1-ol	
02.097	1-Methyl-4-isopropenylcyclohexan-1-ol; 4-Isopropenyl-1-methyl-1-cyclohexanol;	p-Menth-8(10)-en-1-ol	
02.098	Ethyl n-amyl carbinol; amylethylcarbinol; d-n-octanol; Amyl ethyl carbinol;		
02.099	B-Pentenol; Vinyl ethyl carbinol; Ethyl vinyl carbinol		
02.100	2(10)-Pinen-3-ol; 6,6-Dimethyl-3-hydroxy-2-methylenebicyclo[3.1.1]-heptane; 2(10)-Pinenol-3	3-Hydroxy-6,6-dimethyl-2-methylene-bicyclo[3.1.1]heptane	
02.101	Verbenol; 4-Hydroxy-2,6,6-trimethylbicyclo[3.1.1]hept-2-ene; d-Verbenol; 2-Pinenol-4	4,6,6-Trimethyl-bicyclo[3.1.1]hept-3-en-2-one	
02.102	trans-3-Octen-2-ol		
02.103	Heptyl ethyl carbinol; Ethyl heptyl carbinol		
02.104	1-Vinyl butan-1-ol; Vinyl propyl carbinol; Propyl vinyl carbinol		
02.105	alpha-Ionol;		
02.106	beta-Ionol;		
02.107	beta-Dihydroionol	4-(2,2,6-Trimethylcyclohex-1-enyl)-butan-2-ol	
02.108	Phenylethyl dimethyl carbinol; 1,1-Dimethyl-3-phenyl-1-propanol; Dimethyl phenylethyl carbinol;		
02.109	Prenol		
02.110			
02.111	Methyl isopropyl carbinol; Isopropyl methyl carbinol		
02.112	z-2-Nonen-1-ol		5
02.113	z-5-Octen-1-ol		
02.114	alpha- Campholenic alcohol; 2-(2,3,3-trimethylcyclopent-3-en-1-yl)ethanol;		
02.115	2-Ethyl-4-butanol		
02.118	Caryolan-1-ol; Isocaryophyllene	4,4,8-Trimethyl-tricyclo[6.3.1.0(2.5)] dodecan-1-ol	
02.119		2,6,6-Trimethyl-tricyclo[5.3.1.0(1.5)]undec-8-en-8-yl methanol	
02.120	Cedarwood oil alcohols; Octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-6-ol; 8betaH-cedran-8-ol	2,6,6,8-Tetramethyl-tri-cyclo[5.3.1.0(1.5)]undecan-8-ol	
02.121	2-Hydroxybutane; Butylene hydrate; Methyl Ethyl carbinol; sec-Butyl Alcohol		1, 4
02.122	p-Mentha-1,8-dien-10-ol		
02.123			
02.124			
02.125	Undecen-1-ol; Alcohol C-11; Undecylenic alcohol		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
02.126	01	112-72-1	Tetradecan-1-ol		10314	204-000-3
02.128	23	105-13-5	p-Anisyl alcohol	2099	66	203-273-6
02.129	06	515-69-5	Bisabola-1,12-dien-8-ol		10178	208-205-9
02.130	03	6117-91-5	But-2-en-1-ol		11737	228-086-7
02.131	05	598-32-3	But-3-en-2-ol			209-929-8
02.132	09	107-88-0	Butane-1,3-diol			203-529-7
02.133	10	513-85-9	Butane-2,3-diol		10181	208-173-6
02.134	07	4442-79-9	2-Cyclohexylethan-1-ol			224-672-1
02.135	08	96-41-3	Cyclopentanol		10193	202-504-8
02.136	05	51100-54-0	Dec-1-en-3-ol	3824		256-967-6
02.137	03	22104-80-9	Dec-2-en-1-ol		11750	244-784-4
02.138	04	13019-22-2	Dec-9-en-1-ol			235-878-6
02.139	03	18409-21-7	Deca-2,4-dien-1-ol	3911	11748	242-291-9
02.140	06	2270-57-7	1,2-Dihydrolinalool			
02.141	07	128-50-7	2-(6,6-Dimethylbicyclo[3.1.1]hept-2-en-2-yl)ethan-1-ol	3938		204-890-3
02.142	05	464-07-3	3,3-Dimethylbutan-2-ol			207-347-9
02.143	10	76-09-5	2,3-Dimethylbutane-2,3-diol			200-933-5
02.144	06	18479-58-8	2,6-Dimethyloct-7-en-2-ol			242-362-4
02.145	05	29414-56-0	2,6-Dimethylocta-1,5,7-trien-3-ol			249-613-7
02.146	06	29957-43-5	3,7-Dimethylocta-1,5,7-trien-3-ol	3830	10202	249-975-6
02.147	06	151-19-9	3,6-Dimethyloctan-3-ol			205-787-6
02.148	05	10203-28-8	Dodecan-2-ol		11760	233-500-4
02.149	06	639-99-6	Elemol		10205	211-360-5
02.150	06	1113-21-9	Geranyl linalool			214-201-8
02.151	03	33467-76-4	Hept-2-en-1-ol		11773	251-534-8
02.152	04	10606-47-0	Hept-3-en-1-ol		10219	
02.153	03	33467-79-7	Hepta-2,4-dien-1-ol			251-535-3
02.154	01	1454-85-9	Heptadecan-1-ol			
02.155	05	4938-52-7	1-Hepten-3-ol		10218	225-579-9
02.156	03	928-94-9	Hex-2(cis)-en-1-ol	3924	69	213-190-7
02.157	03	2305-21-7	Hex-2(trans)-en-1-ol	2562	69	213-191-2
02.158	04	928-97-2	Hex-3(trans)-en-1-ol	2563	750	213-193-3
02.159	04	544-12-7	Hex-3-en-1-ol	2563	750	213-193-3
02.160	04	928-91-6	Hex-4(cis)-en-1-ol			213-187-0
02.161	04	928-92-7	Hex-4(trans)-en-1-ol			213-188-6
02.162	03	111-28-4	Hexa-2,4-dien-1-ol	3922		203-853-9
02.163	05	626-93-7	Hexan-2-ol		11774	210-971-4
02.164	23	530-56-3	4-Hydroxy-3,5-dimethoxybenzyl alcohol			208-485-2
02.165	23	623-05-2	4-Hydroxybenzyl alcohol			210-768-0
02.166	15	501-94-0	2-(4-Hydroxyphenyl)ethan-1-ol		10226	207-930-8
02.167	08	18675-35-9	Isodihydrocarveol			
02.168	06	505-32-8	Isophytol		10233	208-008-8
02.169	08	4621-04-9	4-Isopropylcyclohexan-1-ol			225-035-0
02.170	04	498-16-8	Lavandulol			
02.171	06	498-81-7	p-Menthan-8-ol			207-871-8

FL No	Synonyms	Systematic name	Comments
02.126	Myristic alcohol; Myristyl alcohol; Alcohol C-14;		
02.128	Anisic alcohol; Anise alcohol;	4-Methoxybenzyl alcohol	
02.129	alpha-Bisabolol	6-Methyl-2-(4-methylcyclohex-3-enyl)hept-5-en-2-ol	
02.130			
02.131			
02.132	1,3- Butylene glycol		
02.133	2,3- Butylene glycol; Dimethyl ethylene glycol		
02.134			
02.135	Cyclopentyl alcohol		
02.136			
02.137			
02.138	omega-decenol; Decylenic alcohol		
02.139			5
02.140		3,7-Dimethyloct-6-en-3-ol	
02.141	Nopol; 6,6-Dimethyl-2-norpinene-2-ethanol; 2-Hydroxyethyl-6,6-dimethyl-bicyclo[3,1,1]-hept-2-ene		
02.142	Pinacolyl alcohol; 3,3-Dimethyl-2-butanol; tert-Butyl methyl carbinol		
02.143	Pinacol; Pinacone; 2,3-Dimethyl-2,3-butanediol		
02.144	Dihydromyrcenol; Dihydromyrcenate; Myrcetol; Dimyrcetal;		
02.145	Notrienol		
02.146			5
02.147			
02.148			
02.149		2-(4-Methyl-3-isopropylene-4-vinylcyclo-hexyl) propan-2-ol	
02.150		3,7,11,15- Tetramethylhexadeca-1,6,10,14-tetraen-3-ol	
02.151			5
02.152			
02.153			
02.154			
02.155			
02.156	2- Hexenol		5
02.157	2- Hexenol		
02.158	Leaf alcohol; beta-gamma-hexenol;		5
02.159	Leaf alcohol; beta-gamma-hexenol; cis-3-hexenol		5
02.160			
02.161			
02.162	Sorbic alcohol; 1-Hydroxy-2,4-hexadiene; Sorbyl alcohol		
02.163			
02.164	Syringic alcohol		
02.165	4-Hydroxybenzenemethanol		
02.166	4-Hydroxyphenethyl alcohol; 4-Hydroxy-benzeneethanol		
02.167		iso-p-Menth-8-en-2-ol	
02.168		3,7,11,15- Tetramethylhexadec-1-en-3-ol	
02.169			
02.170	2-Isopropenyl-5-methyl-4-hexen-1-ol	5-Methyl-2-(1-methyleneethyl)hex-4-en-1-ol	
02.171	Dihydro-alpha-terpineol; p-Menthan-8-ol; 1-Methyl-4-isopropylcyclohexane-8-ol		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
02.173	22	5406-18-8	3-(4-Methoxyphenyl)propan-1-ol			226-463-0
02.174	03	4675-87-0	2-Methylbut-2-en-1-ol		10258	225-127-0
02.175	04	4516-90-9	2-Methylbut-3-en-1-ol		10259	
02.176	04	763-32-6	3-Methylbut-3-en-1-ol		10260	212-110-8
02.177	05	617-29-8	2-Methylhexan-3-ol		10266	210-508-6
02.178	02	818-81-5	2-Methyloctan-1-ol			212-457-5
02.179	02	105-30-6	2-Methylpentan-1-ol		10273	203-285-1
02.180	02	626-89-1	4-Methylpentan-1-ol		10278	210-969-3
02.181	06	590-36-3	2-Methylpentan-2-ol		10274	209-681-0
02.182	05	565-60-6	3-Methylpentan-2-ol		10276	209-281-6
02.183	05	108-11-2	4-Methylpentan-2-ol		10279	203-551-7
02.184	06	77-74-7	3-Methylpentan-3-ol		10277	201-053-4
02.185	06	543-39-5	Myrcenol			208-843-8
02.186	07	514-99-8	Myrtanol			208-191-4
02.187	05	21964-44-3	Non-1-en-3-ol		10291	244-686-1
02.188	03	62488-56-6	Nona-2,4-dien-1-ol	3951	11802	263-571-7
02.189	04	76649-25-7	Nona-3,6-dien-1-ol	3885	10289	278-518-3
02.190	05	624-51-1	Nonan-3-ol		10290	210-850-6
02.191	06	5986-38-9	Ocimenol			227-806-7
02.192	03	22104-78-5	Oct-2-en-1-ol	3887	11804	
02.193	05	4798-61-2	Oct-2-en-4-ol	3888		225-357-1
02.194	05	83861-74-9	Octa-1,5-dien-3-ol			
02.195	04	70664-96-9	Octa-3,5-dien-1-ol			
02.196	01	112-92-5	Octadecan-1-ol			204-017-6
02.197	06	41199-19-3	1,2,3,4,4a,5,6,7-Octahydro-2,5,5-trimethylnaphthalen-2-ol		10173	255-256-8
02.198	09	23433-05-8	Octane-1,3-diol			
02.199	06	5986-55-0	Patchoulol			227-807-2
02.201	04	821-09-0	Pent-4-en-1-ol			212-473-2
02.202	01	629-76-5	Pentadecan-1-ol			211-107-9
02.203	06	617-94-7	2-Phenylpropan-2-ol		11704	210-539-5
02.204	03	150-86-7	Phytol		10302	205-776-6
02.205	23	495-76-1	Piperonyl alcohol		10306	207-808-4
02.206	06	515-03-7	Sclareol		10311	208-194-0
02.207	08	21653-20-3	Thujyl alcohol			244-504-0
02.209	08	116-02-9	3,3,5-Trimethylcyclohexan-1-ol	3962		204-122-7
02.210	03	37617-03-1	Undec-2-en-1-ol			253-569-4
02.211	05	56722-23-7	Undeca-1,5-dien-3-ol			
02.213	23	498-00-0	Vanillyl alcohol	3737	690	207-852-4
02.214	08	89-88-3	Vetiverol		10321	201-949-5
02.215	06	552-02-3	Viridiflorol		10322	209-003-3
02.216	07	77-42-9	12-beta-Santalen-14-ol	3006	74	201-027-2
02.217	07	115-71-9	12-alpha-Santalen-14-ol	3006	74	204-102-8

FL No	Synonyms	Systematic name	Comments
02.173			
02.174			
02.175			
02.176			
02.177			
02.178			
02.179			
02.180	Isohexanol;		
02.181	2-Methyl-2-pentanol;		
02.182			
02.183	Methylamyl alcohol; sec-Hexyl alcohol; Methyl isobutyl carbinol;		
02.184			
02.185		7-Methyl-3-methyleneoct-1-en-7-ol	
02.186		2-Hydroxymethyl-6,6-dimethyl-bi-cyclo[3.1.1]heptane	
02.187	n-Hexyl vinyl carbinol;		
02.188			
02.189			5
02.190	Hexyl ethyl carbinol; 3-Nonanol; Ethyl n-Hexyl carbinol;		
02.191		2,6- Dimethylocta-5,7-dien-2-ol	
02.192			5
02.193	2-Octen-4-ol		5
02.194			
02.195			
02.196	Stearyl alcohol; Octadecanol; Octadecyl alcohol; n-Octadecanol;		
02.197	Ambrinol; 2,5,5- Trimethyl-2-hydroxyoctalin		
02.198	1,3-Octanediol		
02.199	Patchouli alcohol	Octahydro-4,8a,9,9-tetramethyl-1,6-metha-nonaphthalen-1(2H)-ol	5
02.201	4-Penten-1-ol		
02.202			
02.203	Dimethyl phenyl carbinol; Phenyl Isopropanol; Phenyldimethylcarbinol; Benzenemethanol;		
02.204		3,7,11,15- Tetramethylhexadec-2-en-1-ol	
02.205	Helioalcohol; 1,3-Benzodioxole-5-methanol;	3,4-Methylenedioxybenzyl alcohol	
02.206	Labd-14-ene-8,13-diol	4,6,10,10-Tetramethyl-5-(3,3-dimethyl-pent-4-enyl)-bicyclo[4.4.0]decan-4-ol	
02.207		1-Isopropyl-4-methylbicyclo[3.1.0]hexan-3-ol	5
02.209	Cyclonol; Homomenthol;		
02.210			
02.211			
02.213		4-Hydroxy-3-methoxybenzyl alcohol	
02.214	Vetivenol; Vetivol	2-Hydroxymethyl-6-methyl-9-(1-methyl-ene-ethyl)-bicyclo[5.3.0]decane and 2-Hydroxymethylisoprop-5-enyl-tri-cyclo[6.2.1.0(3.7)]undecane	
02.215		2,6,6,9-tetramethyl-tri-cyclo[6.3.0.0(5.7)]undecan-2-ol	
02.216	beta-Santalol		4, 5
02.217	alpha-Santalol		4, 5

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
02.218	08	1490-04-6	DL-Menthol	2665	63	216-074-4
02.219	06	13254-34-7	2,6-Dimethyl-2-heptanol			236-244-1
02.220	08	20752-34-5	neo-Menthol	2666	2028	
02.222	04	39161-19-8	3-Pentenol-1		10298	
02.224	30	87061-04-9	3-(1-Methoxy)propane-1,2-diol	3784		289-296-2
02.225	09	111-45-5	2-(2-Propenyloxy)-ethanol			203-871-7
02.226	06	142-50-7	[S-(cis)]-3,7,11-Trimethyl-1,6,10-dodecatrien-3-ol		67	205-540-2
02.228	04	6812-78-8	(S)-3,7-Dimethyl-7-octen-1-ol	2980	76	229-887-4
02.229	04	7540-51-4	(-)-3,7-Dimethyl-6-octen-1-ol	2309	59	231-415-7
02.230	06	8000-41-7	Terpineol			232-268-1
02.231	03	28069-72-9	tr-2, cis-6-Nonadien-1-ol	2780	589	248-816-8
02.232	06	40716-66-3	trans-3,7,11-Trimethyldodeca-1,6,10-trien-3-ol			255-053-4
02.234	04	10340-23-5	3-Nonen-1-ol		10293	
02.237	06	19700-21-1	Geosmin		10216	243-239-8
02.238	08		2-Cedren-15-ol			
02.241	08	2102-59-2	(1R-cis)-2-Methyl-5-(1-methylethenyl)-2-cyclohexen-1-ol			218-270-5
02.242	09	111-76-2	2-Butoxyethan-1-ol		10182	203-905-0
03.001	16	470-82-6	1,8-Cineole	2465	182	207-431-5
03.003	26	539-30-0	Benzyl ethyl ether	2144	521	208-714-6
03.004	26	103-50-4	Dibenzyl ether	2371	11856	203-118-2
03.005	16	2679-87-0	2-Butyl ethyl ether	3131	10911	220-234-9
03.006	26	3558-60-9	2-Methoxyethyl benzene	3198	11812	222-619-7
03.007	16	470-67-7	1,4-Cineole	3658	11225	207-428-9
03.008	16	57709-95-2	2-Acetoxy-1,8-cineole			
03.010	26	588-67-0	Benzyl butyl ether	2139	520	209-626-0
03.011	26	538-86-3	Benzyl methyl ether		10910	208-705-7
03.012	26	54852-64-1	Benzyl octyl ether			
03.015	16	40267-72-9	Ethyl geranyl ether			254-867-7
03.016	16	4747-07-3	Hexyl methyl ether			225-263-0
03.018	16	1634-04-4	2-Methoxy-2-methylpropane			216-653-1
03.019	16	22094-00-4	Prenyl ethyl ether	3777		
03.020	16	14576-08-0	alpha-Terpinyl methyl ether			238-620-0
04.002	25	94-86-0	6-Ethoxyprop-3-enylphenol	2922	170	202-370-0
04.003	18	97-53-0	Eugenol	2467	171	202-589-1
04.004	17	97-54-1	Isoeugenol	2468	172	202-590-7
04.005	25	90-05-1	2-Methoxyphenol	2532	173	201-964-7
04.006	25	89-83-8	Thymol	3066	174	201-944-8
04.007	25	93-51-6	2-Methoxy-4-methylphenol	2671	175	202-252-9
04.008	25	2785-89-9	4-Ethylguaiacol	2436	176	220-500-4
04.009	25	7786-61-0	2-Methoxy-4-vinylphenol	2675	177	232-101-2

FL No	Synonyms	Systematic name	Comments
02.218			5
02.219			
02.220			5
02.222			
02.224			
02.225	Ethylene glycol monoallyl ether		
02.226			5
02.228			5
02.229			5
02.230	Terpene alcohol;		5
02.231			5
02.232	(E)-nerolidol		
02.234			5
02.237	Decahydronaphtalene	2,6-Dimethyl-bicyclo[4.4.0]decan-1-ol	
02.238		8-Methoxy-2,2,4-trimethyltri-cyclo[5,3,1(3,7).0(1,7)]undec-8(9)-ene	
02.241			5
02.242	Ethylene glycol monobutyl ether		
03.001	Eucalyptol; 1,8-oxido-p-menthane; 1,3,3-Trimethyl-2-oxabicyclo[2.2.2]octane;	1,8-Epoxy-p-menthane	
03.003	Ethyl benzyl ether		
03.004	Benzyl ether; Benzyl oxide		
03.005	Ether, sec-butyl ethyl; Ethyl sec-butyl ether;		
03.006	Methyl phenethyl ether; Phenethyl methyl ether; Phenylethylmethylether		
03.007		1,4-Epoxy-p-menthane	
03.008		2-Acetoxy-1,8-epoxy-p-menthane	
03.010			
03.011			
03.012			
03.015	Geranyl ethyl ether	1-Ethoxy-3,7-dimethylocta-2(trans),6-diene	
03.016			
03.018	Methyl Tertiary Butyl Ether; Methyl t-butyl ether		
03.019	Ethyl 3-methylbut-2-enyl ether	1-Ethoxy-3-methylbut-2-ene	
03.020	4-(1-methoxy-1-methylethyl)-1-methylcyclohexene;	p-Menth-1-en-8-yl methyl ether;	
04.002	1-Ethoxy-2-hydroxy-4-propenylbenzene; 5-Propenylguaethol; 3-Propenyl-6-ethoxyphenol; Hydroxymethyl anethole;		
04.003	4-Allylguaiacol; 2-Methoxy-4-prop-2-enylphenol; 1-Hydroxy-2-methoxy-4-allylbenzene; 1-Hydroxy-2-methoxy-4-propenylbenzen	4-Allyl-2-methoxyphenol	
04.004	4-Propenylguaiacol; 2-methoxy-4-propenylphenol; 1-Hydroxy-2-methoxy-4-propen-1-ylbenzene;	2-Methoxy-4-(prop-1-enyl)phenol	
04.005	Guaiacol; o-Methylcatechol; 1-Hydroxy-2-methoxybenzene; o-Methoxyphenol; 1-Oxy-2-methoxybenzene		
04.006	1-Methyl-3-hydroxy-4-isopropylbenzene; 3-Hydroxy-p-Cymene; alpha-Cymophenol	2-Isopropyl-5-methylphenol	
04.007	4-Methylguaiacol; 1-Hydroxy-2-methoxy-4-methylbenzene; 3-Methoxy-4-hydroxytoluene; Creosol		
04.008	1-Hydroxy-2-methoxy-4-ethylbenzene; 2-Methoxy-2-ethylphenol; Homocreosol	4-Ethyl-2-methoxyphenol	
04.009	Vinyl guaiacol; 4-Hydroxy-3-methoxystyrene; p-Vinylcatechol-O-methyl ether; p-Vinylguaiacol		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
04.010	30	4180-23-8	1-Methoxy-4-(prop-1(trans)-eny)lbenzene	2086	183	224-052-0
04.013	26	93-16-3	1,2-Dimethoxy-4-(prop-1-enyl)benzene	2476	186	202-224-6
04.014	26	578-58-5	1-Methoxy-2-methylbenzene	2680	187	209-426-3
04.015	26	104-93-8	1-Methoxy-4-methylbenzene	2681	188	203-253-7
04.016	26	151-10-0	1,3-Dimethoxybenzene	2385	189	205-783-4
04.017	30	7784-67-0	1-Ethoxy-2-methoxy-4-(prop-1-enyl)benzene	2472	190	232-072-6
04.018	26	120-11-6	Benzyl isoeugenyl ether	3698	522	204-370-6
04.019	25	95-87-4	2,5-Dimethylphenol	3595	537	202-461-5
04.020	25	108-68-9	3,5-Dimethylphenol		538	203-606-5
04.021	25	620-17-7	3-Ethylphenol		549	210-627-3
04.022	25	123-07-9	4-Ethylphenol	3156	550	204-598-6
04.026	25	108-39-4	3-Methylphenol	3530	617	203-577-9
04.027	25	95-48-7	2-Methylphenol	3480	618	202-423-8
04.028	25	106-44-5	4-Methylphenol	2337	619	203-398-6
04.029	25	120-80-9	Benzene-1,2-diol		680	204-427-5
04.031	25	499-75-2	Carvacrol	2245	2055	207-889-6
04.032	26	100-66-3	Anisole	2097	2056	202-876-1
04.033	26	93-18-5	beta-Naphthyl ethyl ether	2768	2058	202-226-7
04.034	26	150-78-7	1,4-Dimethoxybenzene	2386	2059	205-771-9
04.035	26	101-84-8	Diphenyl ether	3667	2201	202-981-2
04.036	25	91-10-1	2,6-Dimethoxyphenol	3137	2233	202-041-1
04.037	25	622-62-8	4-Ethoxyphenol	3695	2258	210-748-1
04.038	26	4732-13-2	Carvacryl ethyl ether	2246	11840	225-238-4
04.039	26	104-45-0	1-Methoxy-4-propylbenzene	2930	11835	203-203-4
04.040	30	6380-23-0	1,2-Dimethoxy-4-vinylbenzene	3138	11228	228-962-9
04.041	25	108-95-2	Phenol	3223	11811	203-632-7
04.042	25	576-26-1	2,6-Dimethylphenol	3249	11261	209-400-1
04.043	26	1076-56-8	1-Isopropyl-2-methoxy-4-methylbenzene	3436	11245	214-063-9
04.044	25	88-69-7	2-Isopropylphenol	3461	11234	201-852-8
04.045	25	20920-83-6	2-(Ethoxymethyl)phenol	3485	11905	
04.046	25	644-35-9	2-Propylphenol	3522	11908	211-415-3
04.047	25	108-46-3	Benzene-1,3-diol	3589	11250	203-585-2
04.048	25	95-65-8	3,4-Dimethylphenol	3596	11262	202-439-5
04.049	25	2785-87-7	2-Methoxy-4-propylphenol	3598		220-499-0
04.050	25	645-56-7	4-Propylphenol	3649		211-446-2
04.051	18	6627-88-9	4-Allyl-2,6-dimethoxyphenol	3655	11214	229-600-2

FL No	Synonyms	Systematic name	Comments
04.010	trans-Anetole; Isoestragle; 1-Methoxy-4-propenylbenzene; 1-Propene, 1-(4-methoxyphenyl; 4-Methoxy-1-propenylbenzene; Anise camphor		5
04.013	Methyl isoeugenol; 1,2-Dimethoxy-4-propenylbenzene; 4-Propenylveratrole; 1,2-Dimethoxy-4-propen		
04.014	o-Methylanisole; o-Cresyl methyl ether; 2-Methoxy toluene; o-Methoxytoluene; methyl o-Tolyl ether		
04.015	p-Methylanisole; o-Methyl-p-Cresol; 4-Methoxytoluene; Methyl p-tolyl ether; p-Cresyl methyl ether; p-Methoxytoluene		
04.016	m-Dimethoxybenzene; Resorcinol dimethyl ether; Dimethyl resorcinol;		
04.017	Ethyl isoeugenyl ether; 1-Ethoxy-2-methoxy-4-benzene; 2-Ethoxy-5-propenylanisole; Ethyl isoeugenol		
04.018	Benzyl isoeugenol; Isoeugenyl benzyl ether; Benzyl 2-methoxy-4-propenylphenyl ether; 1-Benzyloxy-2-methoxy-4-propenylbenzene;	Benzyl 2-methoxy-4-prop-1-enylphenyl ether	
04.019	1-Hydroxy-2,5-dimethylbenzene;		
04.020			
04.021			
04.022	4-Hydroxyethylbenzene		
04.026	m-Cresol; 1-Hydroxy-3-methylbenzene; 1-Methyl-3-hydroxybenzene; m-Methylphenol		
04.027	o-Cresol; 1-Hydroxy-2-methylbenzene; 2-Hydroxy-1-methylbenzene; o-Cresylic acid; o-Hydroxytoluene; o-Methylphenol		
04.028	p-Cresol; 4-Hydroxytoluene; 1-Methyl-4-hydroxybenzene; 1-Hydroxy-4-methylbenzene; 4-Cresol; p-Cresylic acid		
04.029	Catechol;		
04.031	2-p-Cymenol; 2-Hydroxy-p-cymenol; 2-Cyclohexen-1-one, 6-methyl-3-(1-methylethyl)-; 2-Hydroxy-p-Cymene; 2-Methyl-5-isopropylphenol;	5-Isopropyl-2-methylphenol	
04.032	Methyl phenyl ether; Phenyl methyl ether;	Methoxybenzene	
04.033	2-Ethoxynaphthalene; Ethyl 2-naphthyl ether; Ethyl beta-Naphthyl ether; Nerolin; Nerolin II		
04.034	p-Dimetoxybenzene; Hydroquinone dimethyl ether; Dimethylhydroquinone; Dimethyl hydroquinone; 4-Methoxyphenyl methyl ether		
04.035	Diphenyl oxide; Phenyl ether		
04.036	2-Hydroxy-1,3-dimethoxybenzene; Pyrogallol dimethyl ether; Syringol		
04.037	Hydroquinone monoethyl ether; 1-Ethoxy-4-hydroxybenzene; p-Ethoxyphenol		
04.038	2-Ethoxy-p-Cymene; Ethyl carvacryl ether	2-Ethoxy-4-isopropyl-1-methylbenzene	
04.039	p-Propylanisole; Dihydroanethole; p-n-Propyl anisole; 4-Propylmethoxybenzene;		
04.040	3,4- Dimethoxystyrene		
04.041	Carbolic acid; Hydroxybenzene; Benzenol; Phenyl hydroxide;		
04.042	2,6-Xylenol; 2-Hydroxy-1,3-dimethylbenzene;		
04.043	Thymol methyl ether; 3- Methoxy-p-cymene; 3-Methoxy-para-Cymene; Thymol methylether		
04.044	Phenol, 2-(1-methylethyl)-, 1-Hydroxy-1-isopropylbenzene; o-Cumenol; o-Isopropylphenol		
04.045			
04.046	1-(2-Hydroxyphenyl)propane		
04.047	Resorcinol; 1,3- Dihydroxybenzene; m-Dihydroxybenzene		
04.048	3,4-Xylenol; 1-Hydroxy-3,4-dimethylbenzene;		
04.049	4-Propyl-ortho-Methoxyphenol; 4-Propylguaicol; 5-Propyl-ortho-Hydroxyanisole; Dihydroeugenol;		
04.050			
04.051	Phenol, 2,6-dimethoxy-4-(2-propenyl)-; 4-Allylsyringol; 4-Methoxyeugenol;		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
04.052	25	14059-92-8	4-Ethyl-2,6-dimethoxyphenol	3671	11231	
04.053	25	6638-05-7	4-Methyl-2,6-dimethoxyphenol	3704		229-641-6
04.054	26	2173-57-1	Isobutyl beta-naphthyl ether	3719	11886	218-529-2
04.055	17	20675-95-0	2,6-Dimethoxy-4-prop-1-enylphenol	3728		
04.056	25	6766-82-1	2,6-Dimethoxy-4-propylphenol	3729		
04.057	25	2628-17-3	4-Vinylphenol	3739	11257	220-103-6
04.058	18	501-92-8	4-Allylphenol		11218	207-929-2
04.059	26	6379-73-3	Carvacryl methyl ether		11224	228-959-2
04.060	26	494-99-5	1,2-Dimethoxy-4-methylbenzene			207-796-0
04.061	25	28343-22-8	2,6-Dimethoxy-4-vinylphenol		11229	
04.062	26	91-16-7	1,2-Dimethoxybenzene	3799	10320	202-045-3
04.063	26	6738-23-4	1,3-Dimethyl-4-methoxybenzene	3828		229-794-9
04.064	25	98-54-4	4-(1,1-Dimethylethyl)phenol	3918		202-679-0
04.065	25	526-75-0	2,3-Dimethylphenol		11258	208-395-3
04.066	25	105-67-9	2,4-Dimethylphenol		11259	203-321-6
04.067	26	17600-72-5	1-Ethoxy-2-methoxybenzene			241-571-8
04.068	26	5076-72-2	1-Ethoxy-4-methoxybenzene			225-786-4
04.069	26	1515-95-3	1-Ethyl-4-methoxybenzene			
04.070	25	90-00-6	2-Ethylphenol		11232	201-958-4
04.071	17	115422-59-8	Isoeugenyl butyl ether		11857	
04.072	25	618-45-1	3-Isopropylphenol			210-551-0
04.073	25	99-89-8	4-Isopropylphenol			202-798-8
04.074	26	93-04-9	2-Methoxynaphthalene			202-213-6
04.075	26	2216-69-5	1-Methoxynaphthalene			218-696-1
04.076	25	150-19-6	3-Methoxyphenol			205-754-6
04.077	25	150-76-5	4-Methoxyphenol		11241	205-769-8
04.078	25	88-60-8	5-Methyl-2-(tert-butyl)phenol			201-842-3
04.079	26	1515-81-7	Methyl-4-methoxybenzyl ether			216-161-7
04.080	25	533-31-3	3,4-Methylenedioxyphenol			208-561-5
04.081	25	1195-09-1	5-Methylguaiacol		11243	214-791-7
04.083	25	123-31-9	Quinol		11249	204-617-8
04.084	26	634-36-6	1,2,3-Trimethoxybenzene			211-207-2
04.085	25	2416-94-6	2,3,6-Trimethylphenol	3963		219-330-3
04.088	30	104-46-1	1-Methoxy-4-(1-propenyl)benzene	2086	183	203-205-5
04.091	25	57726-26-8	Ethyl 4-hydroxybenzyl ether			260-918-4
04.092	25	5355-17-9	4-Hydroxybenzyl methyl ether			226-334-9
04.093	23	82654-98-6	Butyl vanillyl ether	3796		
04.094	25	13184-86-6	Ethyl 4-hydroxy-3-methoxybenzyl ether	3815		236-136-4
05.001	01	75-07-0	Acetaldehyde	2003	89	200-836-8
05.002	01	123-38-6	Propanal	2923	90	204-623-0
05.003	01	123-72-8	Butanal	2219	91	204-646-6
05.004	02	78-84-2	2-Methylpropanal	2220	92	201-149-6
05.005	01	110-62-3	Pentanal	3098	93	203-784-4

FL No	Synonyms	Systematic name	Comments
04.052	4-Ethylsyringol;		
04.053	4-Methylsyringol; 2,6- Dimethoxy-p-cresol;		
04.054	2-Isobutoxynaphthalene; Fragarol	2-Methylpropyl beta-naphthyl ether	
04.055	4-Propenylsyringol; 6-Methoxyisoeugenol;		
04.056	4-Propylsyringol;		
04.057	4-Ethenylphenol; 4-Hydroxystyrene;		
04.058	p-Allylphenol		
04.059	5-Isopropyl-2-methylmethoxy-benzene	4-Isopropyl-2-methoxy-1-methylbenzene	
04.060	Homoveratrol; 3,4- Dimethoxytoluene;		
04.061			
04.062	Veratrole; o-Dimethoxybenzene		
04.063	2,4-Dimethyl-1-methoxybenzene		
04.064	4-tert-Butylphenol; 1-Hydroxy-4-tert-butylbenzene; Ucar butylphenol;		
04.065	2,3-Xylenol; 1-Hydroxy-2,3-dimethylbenzene;		
04.066	2,4-Xylenol; 1-Hydroxy-2,4-Dimethylbenzene; 4,6-Dimethylphenol;		
04.067	Ethyl guaiaicol		
04.068	Anisyl ethyl ether		
04.069	4-Ethylanisole		
04.070	Phlorol; 1-ethyl-2-hydroxybenzene;		
04.071		1-Butoxy-2-methoxy-4-(prop-1-enyl) benzene	
04.072			
04.073			
04.074	Yara-yara; beta-Naphthyl methyl ether		
04.075			
04.076	m-Hydroxyanisole		
04.077	p-Hydroxyanisole; Hydroquinone monomethyl ether;		
04.078	6-tert-Butyl-m-cresol;	5-Methyl-2-(1,1-dimethylethyl)phenol;	
04.079			
04.080			
04.081	1-Hydroxy-2-methoxy-5-methylbenzene	2-Methoxy-5-methylphenol	
04.083	Hydroquinone; 1,4-Benzenediol; para-Hydroxyphenol;	1,4- Dihydroxybenzene	
04.084			
04.085	3-Hydropseudocumene		
04.088	Anethole; p-propylanisole; Isoestragole; p-propylphenyl methyl ether; Propenylanisole;		5
04.091			
04.092			
04.093	4-(Butoxymethyl)-2-methoxyphenol	Butyl 4-hydroxy-3-methoxybenzyl ether	
04.094		Ethyl 4-hydroxy-3-methoxybenzyl ether	
05.001	Ethanal; Acetic aldehyde		
05.002	Propion aldehyde; Propyl aldehyde; Methylacetaldehyd; Propan-1-al; Aldehyde c-3		
05.003	n-Butyraldehyde; Butyl aldehyde; Butyric aldehyde; n-Butanal; Butan-1-al; n-Butyl aldehyde		
05.004	Isobutanal; Isobutyraldehyde; Butyraldehyde(iso); Butyl iso aldehyde; Isobutyric aldehyde; Isobutyl aldehyde; Butyric iso aldehyde		
05.005	Valeraldehyde; n-Valeric aldehyde; Amyl aldehyde; Valeric aldehyde; Valeral; Pentan-1-al; Aldehyde c-5		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
05.006	02	590-86-3	3-Methylbutanal	2692	94	209-691-5
05.007	02	97-96-1	2-Ethylbutanal	2426	95	202-623-5
05.008	01	66-25-1	Hexanal	2557	96	200-624-5
05.009	01	124-13-0	Octanal	2797	97	204-683-8
05.010	01	112-31-2	Decanal	2362	98	203-957-4
05.011	01	112-54-9	Dodecanal	2615	99	203-983-6
05.012	09	107-75-5	3,7-Dimethyl-7-hydroxyoctanal	2583	100	203-518-7
05.013	23	100-52-7	Benzaldehyde	2127	101	202-860-4
05.014	22	104-55-2	Cinnamaldehyde	2286	102	203-213-9
05.015	23	123-11-5	4-Methoxybenzaldehyde	2670	103	204-602-6
05.016	23	120-57-0	Piperonal	2911	104	204-409-7
05.017	23	120-14-9	Veratraldehyde	3109	106	204-373-2
05.018	23	121-33-5	Vanillin	3107	107	204-465-2
05.019	23	121-32-4	Ethyl vanillin	2464	108	204-464-7
05.020	03	5392-40-5	Citral	2303	109	226-394-6
05.021	04	106-23-0	Citronellal	2307	110	203-376-6
05.022	23	122-03-2	4-Isopropylbenzaldehyde	2341	111	204-516-9
05.023	02	7779-07-9	2,6-Dimethyloctanal	2390	112	215-328-1
05.024	02	7786-29-0	2-Methyloctanal	2727	113	232-093-0
05.025	01	124-19-6	Nonanal	2782	114	204-688-5
05.026	23	529-20-4	o-Tolualdehyde	3068	115	208-452-2
05.027	23	1334-78-7	Tolualdehyde	3068	115	215-615-1
05.028	23	620-23-5	m-Tolualdehyde	3068	115	210-632-0
05.029	23	104-87-0	p-Tolualdehyde	3068	115	203-246-9
05.030	15	122-78-1	Phenylacetaldehyde	2874	116	204-574-5
05.031	01	111-71-7	Heptanal	2540	117	203-898-4
05.032	01	124-25-4	Tetradecanal	2763	118	204-692-7
05.033	03	10031-88-6	2-Ethylhept-2-enal	2438	120	
05.034	01	112-44-7	Undecanal	3092	121	203-972-6
05.035	04	112-45-8	Undec-10-enal	3095	122	203-973-1
05.036	04	143-14-6	Undec-9-enal	3094	123	205-586-3
05.037	03	4826-62-4	2-Dodecenal	2402	124	225-402-5
05.038	22	93-53-8	2-Phenylpropanal	2886	126	202-255-5
05.039	22	7492-44-6	alpha-Butylcinnamaldehyde	2191	127	231-320-0
05.040	22	122-40-7	alpha-Pentylcinnamaldehyde	2061	128	204-541-5
05.041	22	101-86-0	alpha-Hexylcinnamaldehyde	2569	129	202-983-3
05.042	15	104-09-6	p-Tolylacetaldehyde	3071	130	203-173-2

FL No	Synonyms	Systematic name	Comments
05.006	Isovaleraldehyde; 3-Methylbutylaldehyde; Isoamyl aldehyde; Amyl iso aldehyde; Isovaleric aldehyde; Isovaleraldehyde; Isovaleral		
05.007	2-Ethylbutyraldehyde; Diethyl acetaldehyde		
05.008	Aldehyde C-6; Hexaldehyde; Hexoic aldehyde; Caproic aldehyde; Caproaldehyde; n-Hexaldehyde		
05.009	Aldehyde C-8; Octyl aldehyde; Caprylic aldehyde; Caprylaldehyde; Octylaldehyde; n-Octylaldehyde;		
05.010	Aldehyde C-10; Decyl aldehyde; Capraldehyde; Capric aldehyde; n-Decyl aldehyde		
05.011	Aldehyde C-12; Lauric aldehyde; Lauryl Aldehyde; n-dodecylic aldehyde; Duodecylic aldehyde; Lauraldehyde; Dodecan-1-al;		
05.012	Hydroxycitronellal; 7-hydroxy-3,7-dimethyloctan-1-al; Laurine; Citronellalhydrate,		
05.013	Benzene methylal; Benzene carbonal; Benzoic aldehyde; Benzene carboxaldehyde		
05.014	Cinnamic aldehyde; Phenylacrolein; Cinnamal; 3-Phenylpropenal; 3-Phenyl-2-propen-1-al; ß-Phenylacrolein;	3-Phenylprop-2-enal	
05.015	p-Anisaldehyde; aubepine; Anisic aldehyde; Aubepine liquid;		
05.016	Heliotropine; Piperonyl aldehyde; Diooxymethylene protocatechuic aldehyde	3,4-Methylenedioxybenzaldehyde	
05.017	O-Methyl vanillin; p-Veratric aldehyde; Dimethyl ether protocatechualdehyde; 3,4-Dimethoxybenzenecarbonal;	3,4-Dimethoxybenzaldehyde	
05.018	Methyl protocatechuic aldehyde; Protocatechualdehyde-3-methylether; Vanillic aldehyde; Methylprotocatechuic aldehyde;	4-Hydroxy-3-methoxybenzaldehyde	
05.019	Bourbonal; Ethyl protal; 3-Ethoxyprotocatechualdehyde	3-Ethoxy-4-hydroxybenzaldehyde	
05.020	Lemarome; Geranial; 3,7-Dimethyl-2,6-octadienal; Neral	3,7-Dimethylocta-2,6-dienal	
05.021	3,7-Dimethyl-6-octenal; Rhodinal	3,7-Dimethyloct-6-enal	
05.022	Cuminaldehyde; p-isopropylbenzaldehyde; Cuminic aldehyde; Cuminal; Cumaldehyde; p-Propyl iso benzaldehyde		
05.023	Isodecylaldehyde; Decylaldehyde(iso)		
05.024	Methylhexylacetaldehyde; Methyl hexyl acetaldehyde		
05.025	Pelargonic aldehyde; Aldehyde C-9; Pelargonaldehyde; Pelargonic aldehyde; Nonanoic aldehyde		
05.026		2-Methylbenzaldehyde	5
05.027	Toluic aldehyde (mixed 2,3,4)	2-,3- and 4-Methylbenzaldehyde	
05.028		3-Methylbenzaldehyde	5
05.029		4-Methylbenzaldehyde	5
05.030	alpha-Toluic aldehyde; alpha-Tolualdehyde; Hyacinthin; Phenylacetic aldehyde; Benzylcarboxyaldehyde;1-Oxo-2-phenylethane		
05.031	Aldehyde C-7; n-Heptaldehyde; Heptyl aldehyde; Heptaldehyde; Enanthaldehyde; Enanthal; Aldehyde Heptan-1-alc-7;		
05.032	Myristaldehyde; Aldehyde C-14; Myristic aldehyde; Tetradecyl aldehyde; Aldehyde c-14 (Myristic); Tetradecan-1-al		
05.033	2-Ethyl-3-butylacrolein		
05.034	Undecanoic aldehyde; Undecylic aldehyde; Hendecanal; Aldehyde c-11 undecylic; n-Undecylaldehyde; Undecan-1-al		
05.035	Undecylenic aldehyde (mixed isomers); Undecenal; Intreleven aldehyde; Aldehyde C-11;		
05.036	Undecylenic aldehyde; Hendecen-9-al; Aldehyde C-11 undecylenic; 9-undecylenic aldehyde		
05.037	3-Nonylacrolein; dodec-2-enal		
05.038	2-Phenylpropionaldehyde, Hydratropaldehyde; alpha-Methyltolualdehyde; alpha-Methylphenylacetaldehyde; alpha-Phenylpropionaldehyde;		
05.039	2-Benzylidene hexanal; Butyl cinnamic aldehyde; alpha-Butyl-beta-phenylacrolein	2-Butyl-3-phenylprop-2-enal	
05.040	alpha-Amylcinnamaldehyde; Amyl cinnamic aldehyde; alpha-amyl-beta-phenyl-acrolein; 2-Benzylidene heptanal; alpha-Pentyl-cinnamaldehyde	2-Pentyl-3-phenylprop-2-enal	
05.041	2-Benzylidene-octanal; alpha-n-Hexyl cinnamic aldehyde; alpha-n-Hexyl-beta-phenyl acrolein	2-Benzylideneoctanal	
05.042		4-Methylphenylacetaldehyde	

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
05.043	22	99-72-9	2-(p-Tolyl)propionaldehyde	3078	131	202-782-0
05.044	15	4395-92-0	p-Isopropyl phenylacetaldehyde	2954	132	224-522-5
05.045	22	103-95-7	3-(p-Cumenyl)-2-methylpropionaldehyde	2743	133	203-161-7
05.046	22	40654-82-8	2-Methyl-4-phenylbutyaldehyde	2737	134	255-022-5
05.047	23	123-08-0	4-Hydroxybenzaldehyde		558	204-599-1
05.048	22	1504-74-1	2-Methoxycinnamaldehyde	3181	571	216-131-3
05.049	02	96-17-3	2-Methylbutyaldehyde	2691	575	202-485-6
05.050	22	101-39-3	alpha-Methylcinnamaldehyde	2697	578	202-938-8
05.051	22	65405-67-6	3-(4-Methoxyphenyl)-2-methylprop-2-enal	3182	584	265-737-4
05.052	22	41496-43-9	2-Methyl-3-(p-tolyl)propionaldehyde	2748	587	255-410-4
05.053	01	123-63-7	2,4,6-Trimethyl-1,3,5-trioxane		594	204-639-8
05.054	22	1009-62-7	2,2-Dimethyl-3-phenylpropionaldehyde		598	213-771-5
05.055	23	90-02-8	Salicylaldehyde	3004	605	201-961-0
05.056	23	10031-82-0	4-Ethoxybenzaldehyde	2413	626	233-093-3
05.057	03	142-83-6	Hexa-2(trans),4(trans)-dienal	3429	640	205-564-3
05.058	03	557-48-2	Nona-2(trans),6(cis)-dienal	3377	659	209-178-6
05.059	04	2277-19-2	Non-6(cis)-enal	3580	661	218-900-9
05.060	03	2363-89-5	Oct-2-enal	3215	663	219-115-4
05.061	04	63826-25-5	Oct-6-enal		664	
05.062	22	4411-89-6	2-Phenylcrotonaldehyde	3224	670	224-567-0
05.064	03	13552-96-0	Trideca-2(trans),4(cis),7(cis)-trienal	3638	685	236-936-3
05.066	23	120-25-2	4-Ethoxy-3-methoxybenzaldehyde		703	204-382-1
05.068	23	4748-78-1	4-Ethylbenzaldehyde	3756	705	225-268-8
05.069	02	123-15-9	2-Methylpentanal	3413	706	204-605-2
05.070	03	2463-63-0	2-Heptenal	3165	730	219-563-0
05.071	03	6750-03-4	Nona-2,4-dienal	3212	732	229-810-4
05.072	03	18829-56-6	trans-2-Nonenal	3213	733	242-609-6
05.073	03	6728-26-3	Hex-2(trans)-enal	2560	748	229-778-1
05.074	04	106-72-9	2,6-Dimethylhept-5-enal	2389	2006	203-427-2
05.075	04	6789-80-6	Hex-3(cis)-enal	2561	2008	229-854-4
05.076	03	3913-71-1	Dec-2-enal	2366	2009	223-472-1
05.077	02	110-41-8	2-Methylundecanal	2749	2010	203-765-0
05.078	03	7774-82-5	Tridec-2-enal	3082	2011	231-883-2
05.079	09	7492-67-3	Citronellyl oxyacetaldehyde	2310	2012	231-324-2
05.080	22	104-53-0	3-Phenylpropanal	2887	2013	203-211-8
05.081	03	2363-88-4	2,4-Decadienal	3135	2120	219-114-9
05.082	04	13553-09-8	Dodeca-3,6-dienal		2121	
05.084	03	4313-03-5	Hepta-2,4-dienal	3164	729	224-328-0
05.085	04	6728-31-0	Hept-4-enal	3289	2124	229-779-7
05.086	04	929-22-6	trans-4-Heptenal	3289	2125	213-198-0
05.090	03	623-36-9	2-Methylpent-2-enal	3194	2129	210-789-5
05.091	23	698-27-1	2-Hydroxy-4-methylbenzaldehyde	3697	2130	211-813-7
05.094	22	7775-00-0	3-(4-Isopropylphenyl)propionaldehyde	2957	2261	231-885-3

FL No	Synonyms	Systematic name	Comments
05.043	p-methyl-alpha-Methylphenylacetaldehyde; p-methylhydratropaldehyde	2-(4-Methylphenyl)propanal	
05.044	Cumylacetaldehyde; 2-(p-Isopropylphenyl)acetaldehyde; Cortexal; Cumylaldehyde; p-Cumen-7-carboxaldehyde; p-Propylphenylacetaldehyde		
05.045	Cyclamen aldehyde; p-Isopropyl-alpha-methylhydrocinnamaldehyde; Cyclamal; Cyclaviol; Cyclasal; alpha-Methyl-p-isopropylhydrocinnamaldehyde	2-Methyl-3-(4-isopropylphenyl)propanal	
05.046	2-Methyl-4-phenylbutanal		
05.047	p-Hydroxybenzaldehyde		
05.048	beta-o-Methoxyphenyl acrolein; 3-o-Methoxyphenyl-2-propenal;	3-(2-Methoxyphenyl)prop-2-enal	
05.049	2-Methylbutanal; Methyl ethyl acetaldehyde; alpha-Methyl butyaldehyde; 2-Methylbutanal-1;		
05.050	2- Methylcinnamaldehyde; alpha-methylcinnamic aldehyde; alpha-Methylcinnimal; alpha-Methyl cinnamic aldehyde;	2-Methyl-3-phenylprop-2-enal	
05.051	alpha-Methyl-p-methoxycinnamaldehyde; 3-(p-Methoxyphenyl)-2-methyl-2-propenal		
05.052	2-Methyl-3-(4-methylphenyl)propanal		5
05.053	Paraldehyde; Paracetaldehyde		
05.054	3-Phenylpropyl dimethyl aldehyde		
05.055	Salicylic aldehyde; o-Hydroxybenzaldehyde; Salicylal	2-Hydroxybenzaldehyde	
05.056	Homoanisaldehyde		
05.057	2-Propylene acrolein, Sorbic aldehyde, Hexa-2,4-dienal		5
05.058	2,6-Nonadienal; Cucumber aldehyde; Nona-2,6-dienal		
05.059	cis-6-Nonen-1-al; Non-6-enal		
05.060	alpha-Amylacrolein; 2-Pentyl acrolein;		
05.061			
05.062	2-Phenyl-but-2-en-1-al;	2-Phenylbut-2(trans)-enal	
05.064	Trideca-2,4,7-trienal		
05.066	Vanillin ethyl ether		
05.068	p-Ethylbenzaldehyde		
05.069	2-Methylvaleraldehyde		
05.070	3-Butylacrolein; ß-Butylacrolein; Hept-2-enal; Trans-Hept-2-enal		5
05.071			
05.072	3-Hexyl-2-propenal; Non-2-enal; 3 or ß-hexyl acrolein; Heptyliceneacetaldehyde		5
05.073	ß-Propylacrolein; Leaf aldehyde; trans-hex-2-enal		5
05.074	Melonal; 2,6-Dimethyl-2-hepten-7-al		
05.075	cis-beta,gamma-Hexylenic aldehyde; Hex-3-enal		
05.076	Decenaldehyde; Decenaldehyde; 3-Heptylacrolein; Decylenic aldehyde; Dec-2-enal; 2-Decen-1-al		
05.077	Methyl nonyl acetaldehyde; Aldehyde C-12; MNA; 2-Methylhendecanal; Methyl nonyl acetaldehyde;		
05.078	3-Decylacrolein;		
05.079	Citronelloxyacetaldehyde; 6,10-Dimethyl-3-oxa-9-undecenal;	6,10-Dimethyl-3-oxaundec-9-enal	
05.080	3-Phenylpropionaldehyde; Hydrocinnamaldehyde; Phenylpropyl aldehyde; Benzyl acetaldehyde; beta-Phenyl propionaldehyde		
05.081	Deca-2,4-dienal		5
05.082			
05.084			5
05.085	cis-4-Hepten-1-al; cis-4-Ethylidene butyaldehyde; n-Propylidenebutyaldehyde		5
05.086	trans Hept-4-enal; 4-Hepten-1-al; n-Propylidene butyaldehyde		
05.090	alpha-Methyl-beta-ethyl acrolein; 2,4-Dimethylcrotonaldehyde		
05.091	4-Methylsalicylaldehyde; 4-Methylsalicylic aldehyde; 2,4-Cresotaldehyde;		
05.094	Cuminylnl acetaldehyde; Cuminylnl acetaldehyde; p-Cymylpropanal; p-isopropylhydrocinnamaldehyde; p-propylhydrocinnamaldehyde		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
05.095	03	497-03-0	2-Methylcrotonaldehyde	3407	2281	207-833-0
05.096	04	30390-50-2	4-Decenal	3264	2297	244-514-5
05.097	22	2439-44-3	3-Methyl-2-phenylbutyraldehyde	2738	135	219-461-6
05.098	07	29548-14-9	p-Menth-1-en-9-al	3178	10347	249-688-6
05.099	22	21834-92-4	5-Methyl-2-phenylhex-2-enal	3199	10365	244-602-3
05.100	22	26643-91-4	4-Methyl-2-phenylpent-2-enal	3200	10366	247-869-4
05.101	03	764-40-9	Penta-2,4-dienal	3217	11695	
05.102	03	764-39-6	Pent-2-enal	3218	10375	212-120-2
05.103	22	939-21-9	3-Phenylpent-4-enal	3318	10378	213-356-9
05.104	07	116-26-7	2,6,6-Trimethylcyclohexa-1,3-diene-1-carbaldehyde	3389	10383	204-133-7
05.105	03	25409-08-9	2-Butylbut-2-enal	3392	10324	246-950-1
05.106	07	564-94-3	Myrtenal	3395	10379	209-274-8
05.107	03	35158-25-9	2-Isopropyl-5-methylhex-2-enal	3406	10361	252-406-4
05.108	03	13162-46-4	Undeca-2,4-dienal	3422	10385	
05.109	03	2463-77-6	2-Undecenal	3423	11827	219-564-6
05.110	23	15764-16-6	2,4-Dimethylbenzaldehyde	3427		239-856-7
05.111	03	56767-18-1	Octa-2(trans),6(trans)-dienal	3466	10371	260-372-7
05.112	07	472-66-2	2,6,6-Trimethylcyclohex-1-en-1-acetaldehyde	3474	10338	207-454-0
05.113	04	4634-89-3	Hex-4-enal	3496	10337	225-058-6
05.114	03	5362-56-1	4-Methylpent-2-enal	3510	10364	226-348-5
05.115	22	24401-36-3	2-Phenylpent-4-enal	3519	10377	246-224-4
05.116	02	5435-64-3	3,5,5-Trimethylhexanal	3524	10384	226-603-0
05.117	07	2111-75-3	p-Mentha-1,8-dien-7-al	3557	11788	218-302-8
05.118	22	1963-36-6	4-Methoxycinnamaldehyde	3567	11919	217-807-0
05.119	07	4501-58-0	2,2,3-Trimethylcyclopent-3-en-1-yl acetaldehyde	3592	10325	224-815-8
05.120	03	21662-13-5	Dodeca-2,6-dienal	3637		244-515-0
05.121	07	432-25-7	2,6,6-Trimethyl-1-cyclohexen-1-carboxaldehyde	3639	2133	207-081-3
05.122	22	1504-75-2	p-Methylcinnamaldehyde	3640	10352	
05.123	07	55253-28-6	5-Isopropenyl-2-methylcyclopentanecarboxaldehyde	3645		
05.124	03	107-86-8	3-Methylcrotonaldehyde	3646	10354	203-527-6
05.125	03	21662-16-8	Dodeca-2,4-dienal	3670	11758	244-517-1
05.126	03	49576-57-0	2-Methyloct-2-enal	3711	10363	256-386-8
05.127	03	30361-28-5	Octa-2(trans),4(trans)-dienal	3721	11805	250-147-1
05.128	04	41547-22-2	Oct-5(cis)-enal	3749		
05.129	23	135-02-4	2-Methoxybenzaldehyde		10350	205-171-7
05.130	03	17909-77-2	alpha-Sinensal	3141	10380	241-854-6
05.133	07		p-Mentha-1,3-dien-7-al		10344	
05.134	22		2-Methyl-3-tolylpropionaldehyde (mixed o,m,p-)	2748	587	
05.135	03	123-73-9	But-2-enal		11736	204-647-1
05.137	04	21662-09-9	Dec-4(cis)-enal	3264	2297	244-514-5
05.138	04	65405-70-1	Dec-4(trans)-enal			265-741-6
05.139	04	39770-05-3	Dec-9-enal	3912		254-624-5
05.140	03	25152-84-5	Deca-2(trans),4(trans)-dienal	3135	2120	246-668-9
05.141	03	51325-37-2	Deca-2,4,7-trienal			

FL No	Synonyms	Systematic name	Comments
05.095		2-Methylbut-2(trans)-enal	5
05.096	Decenaldehyde, Dec-4-enal (cis),		5
05.097	3-Methyl-2-phenylbutanal; alpha-Isopropylphenylacetaldehyde; alpha-iso-propyl phenylacetaldehyde;		
05.098	Carvomenthenal		
05.099	2-Phenyl-5-methyl-2-hexenal		
05.100			
05.101			
05.102	3-Ethylacrolein;		
05.103	beta-Vinylhydrocinnamaldehyde; 3-Phenyl-3-vinylpropionaldehyde;		
05.104	Safranal; Dehydro-β-Cyclocitral; 1,1,3-Trimethyl-2-formylcyclohexa-2,4-diene		
05.105	2-Ethylidinehexanal; 2-Ethylidene hexanal		
05.106	Pin-2-en-10-al; Benihinal	2-Formyl-6,6-dimethyl-bicyclo[3.1.1]hept-2-ene	
05.107	2-Isopropyl-5-methyl-2-hexenal		
05.108			5
05.109	2-Undecen-1-al		
05.110	2,4-Xylylaldehyde; 1-Formyl-2,4-dimethylbenzene;		
05.111			
05.112	beta-Homocyclocitral;		
05.113			5
05.114			
05.115			
05.116	Isononylaldehyde; tert-Butylisopentanal		
05.117	Perilla aldehyde; 4-Isopropenyl-1-cyclohexene-1-carboxaldehyde; Perillaldehyde		
05.118	3-4-Methoxyphenyl-2-propenal;	3-(4-Methoxyphenyl)prop-2-enal	
05.119	alpha-Campholenic aldehyde; (2,3,3-Trimethylcyclopent-3-en-1-yl-2)acetaldehyde		
05.120			5
05.121		1-Cyclohexene-1-carboxaldehyde, 2,6,6-tri-methyl-	5
05.122	3-p-Tolylpropenal; 3-p-Methylphenyl propenal;	3-(4-Methylphenyl)prop-2-enal	
05.123	Photocitral A; Cis-2-Methyl-cis-5-isopropenylcyclopentan-1-carboxaldehyde	5-(1-Methylene-ethyl)-2-methylcyclopent-anecarboxaldehyde	
05.124	3-Methyl but-2-enal; Prenal; Senecialdehyde	3-Methylbut-2(trans)-enal	
05.125	E, E-2,4-Dodecadienal		5
05.126			5
05.127	E, E-2,4-Octadienal		
05.128	(Z)-5-Octenal		
05.129	o-methoxybenzaldehyde; o-Anisaldehyde		
05.130	2,6-Dimethyl-10-methylene-2,6,11-dodecatrienal	2,6-Dimethyl-10-methylene dodeca-2,6,11-trienal	5
05.133			
05.134	2-Methyl-3-tolyl propanal	2-Methyl-3-(2,3 or 4-methylphenyl) propanal	5
05.135	Crotonaldehyde		
05.137			5
05.138			
05.139			
05.140	2,4-Decadienal; Deca-2,4-dienal; Heptenyl acrolein		5
05.141			

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
05.142	23	139-85-5	3,4-Dihydroxybenzaldehyde		10328	205-377-7
05.143	04	56134-05-5	2,5-Dimethyl-2-vinylhex-4-enal			260-006-6
05.144	03	20407-84-5	Dodec-2(trans)-enal	2402	124	
05.145	09	107-22-2	Ethanedial			203-474-9
05.147	02	123-05-7	2-Ethylhexanal		10331	204-596-5
05.148	03	19317-11-4	Farnesal			242-957-9
05.149	09	111-30-8	Glutaraldehyde			203-856-5
05.150	03	18829-55-5	Hept-2(trans)-enal	3165	730	242-608-0
05.151	04	69112-21-6	Hex-3(trans)-enal	3923		273-874-6
05.152	01	629-80-1	Hexadecanal		10336	211-111-0
05.153	23	134-96-3	4-Hydroxy-3,5-dimethoxybenzaldehyde		10340	205-167-5
05.154	22	4206-58-0	4-Hydroxy-3,5-dimethoxycinnamaldehyde		10341	
05.155	22	458-36-6	4-Hydroxy-3-methoxycinnamaldehyde		10342	207-278-4
05.156	22	80638-48-8	3-(4-Hydroxy-3-methoxyphenyl)propanal			279-524-9
05.157	07	1335-66-6	Isocyclocitral			215-638-7
05.158	23	591-31-1	3-Methoxybenzaldehyde		10351	209-712-8
05.159	15	5703-26-4	p-Methoxyphenylacetaldehyde			227-191-5
05.160	02	19009-56-4	2-Methyldecanal			242-745-6
05.161	02	116854-43-4	10-Methyldodecanal			
05.162	02	92168-98-4	11-Methyldodecanal			
05.163	02	93815-50-0	14-Methylhexadecanal			
05.164	02	925-54-2	2-Methylhexanal			213-118-4
05.165	02	19269-28-4	3-Methylhexanal			
05.166	02	1119-16-0	4-Methylpentanal		10369	214-273-0
05.167	02	75853-50-8	12-Methyltetradecanal			
05.168	02	75853-51-9	13-Methyltetradecanal			
05.169	02	75853-49-5	12-Methyltridecanal			
05.170	03	106-26-3	Neral	2303	109	203-379-2
05.171	03	2463-53-8	Non-2-enal	3213	733	219-562-5
05.172	03	17587-33-6	Nona-2(trans),6(trans)-dienal	3766		241-557-1
05.173	03	57018-53-8	Nona-2,4,6-trienal			
05.174	04	2100-17-6	Pent-4-enal			218-265-8
05.175	22	3491-63-2	2-Phenylpent-2-enal			
05.176	03	107-02-8	Prop-2-enal			203-453-4
05.177	07	1726-47-2	Pseudo-cyclocitral		11849	
05.178	03	60066-88-8	beta-Sinensal		10381	262-043-3
05.179	03	51534-36-2	Tetradec-2-enal			
05.181	01	10486-19-8	Tridecanal		10382	234-004-0
05.182	07	432-24-6	2,6,6-Trimethylcyclohex-2-ene-1-carboxaldehyde	3639	10326	207-080-8
05.183	07	65405-84-7	4-(2,6,6-Trimethylcyclohexenyl)-2-methylbutanal			265-747-9
05.184	03	53448-07-0	Undec-2(trans)-enal	3423	11827	258-559-3
05.186	03	5577-44-6	2,4-Octadienal	3721	11805	250-147-1
05.188	03	141-27-5	trans-3;7-Dimethylocta-2,6-dienal	2303	109	205-476-5
05.189	03	505-57-7	2-Hexenal	2560	748	208-014-0
05.190	03	2548-87-0	trans-2-Octenal	3215	663	219-833-8
05.191	03	3913-81-3	trans-2-Decenal	2366	2009	223-474-2

FL No	Synonyms	Systematic name	Comments
05.142			
05.143	Neroli aldehyde		
05.144			5
05.145	Glyoxal		
05.147	2-Ethyl hexaldehyde; Butyl ethyl acetaldehyde; Alpha-Ethylcaproaldehyde;		
05.148		3,7,11-Trimethyldodeca-2,6,10-trien-1-one	
05.149	Glutaric dialdehyde; 1,3-Diformylpropane; 1,5-Pentadial;	Pentan-1,5-dial	
05.150	(E)-2-hepten-1-al; 2-Heptenal; beta-Butyl acrolein; trans-hept-2-en-1-al		
05.151			5
05.152			
05.153			
05.154	Sinapaldehyde	3-(4-Hydroxy-3,5-dimethoxyphenyl)prop-2-enal	
05.155		3-(4-Hydroxy-3-methoxyphenyl)prop-2-enal	
05.156	Dihydroconiferaldehyde		
05.157		1,3,5-Trimethylcyclohex-3-ene-1-carbaldehyde	
05.158			
05.159			
05.160			
05.161			
05.162			
05.163			
05.164			
05.165			
05.166	4- Methylvaleraldehyde		
05.167			
05.168			
05.169			
05.170		3,7-Dimethyl-2(cis),6-octadienal	5
05.171	beta-Hexylacrolein; alpha-Nonenyl aldehyde; Nonylenic aldehyde		5
05.172			
05.173			
05.174			
05.175			
05.176			
05.177		2,6,6-Trimethylcyclohex-3-enecarbaldehyde	5
05.178		2,6-Dimethyl-10-methylene dodeca-2,6,11-trienal	
05.179			
05.181			
05.182	beta- Cyclocitral		5
05.183	alpha,2,2,6-Tetramethylcyclohexene butanal		
05.184			5
05.186			5
05.188	Geranial		5
05.189			5
05.190			5
05.191			5

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
05.192	04	4440-65-7	3-Hexenal	3923		224-659-0
05.194	03	5910-87-2	tr-2, tr-4-Nonadienal	3212	732	227-629-5
05.195	03	7069-41-2	trans-2-Tridecenal	3082	2011	230-362-7
05.196	03	30361-29-6	tr-2, tr-4-Undecadienal	3422	10385	250-148-7
05.198	07	58102-02-6	alpha-Methyl ional			261-121-4
05.200	03		trans-2, trans-4, cis-7-Decatrienal			
05.203	04	5090-41-5	9-Octadecenal			
05.206	02	93815-51-1	15-Methylhexadecanal			
06.001	01	105-57-7	1,1-Diethoxyethane	2002	35	203-310-6
06.002	23	1319-88-6	5-Hydroxy-2-phenyl-1,3-dioxane	2129	36	215-294-8
06.003	23	1125-88-8	alpha,alpha-Dimethoxytoluene	2128	37	214-413-0
06.004	03	7492-66-2	Citral diethyl acetal	2304	38	231-323-7
06.005	03	7549-37-3	Citral dimethyl acetal	2305	39	231-434-0
06.006	15	101-48-4	1,1-Dimethoxy-2-phenylethane	2876	40	202-945-6
06.007	15	29895-73-6	Phenylacetaldehyde glyceryl acetal	2877	41	249-934-2
06.008	01	10022-28-3	1,1-Dimethoxyoctane	2798	42	233-018-4
06.009	01	7779-41-1	10,10-Dimethoxydecane	2363	43	231-928-6
06.010	02	7779-94-4	1,1-Diethoxy-3,7-dimethyloctan-7-ol	2584	44	231-945-9
06.011	02	141-92-4	1,1-Dimethoxy-3,7-dimethyloctan-7-ol	2585	45	205-510-9
06.012	23	1333-09-1	Tolualdehyde glyceryl acetal	3067	46	
06.013	22	91-87-2	alpha-Pentylcinnamaldehyde dimethyl acetal	2062	47	202-104-3
06.014	22	5660-60-6	Cinnamaldehyde ethylene glycol acetal	2287	48	227-110-3
06.015	01	534-15-6	1,1-Dimethoxyethane	3426	510	208-589-8
06.016	15	7493-57-4	1-Phenylethoxy-1-propoxy ethane	2004	511	231-327-9
06.017	23	774-48-1	(Diethoxymethyl)benzene		517	212-265-1
06.019	23	7492-39-9	1-Benzyl-1-(2-methoxyethoxy)ethane	2148	523	
06.020	01	34764-02-8	1,1-Diethoxydecane		531	252-202-5
06.021	01	688-82-4	1,1-Diethoxyheptane		553	211-707-0
06.023	01	3658-93-3	1,1-Diethoxyhexane		557	222-911-4
06.024	15	68345-22-2	1,1-Di-isobutoxy-2-phenylethane	3384	595	269-851-5
06.025	03	67674-36-6	1,1-Diethoxynona-2,6-diene	3378	660	266-874-2
06.027	15	5468-06-4	4,5-Dimethyl-2-benzyl-1,3-dioxolan	2875	669	

FL No	Synonyms	Systematic name	Comments
05.192			5
05.194			5
05.195			5
05.196			5
05.198		2-Methyl-4-(2,6,6-trimethylcyclohex-2-enyl)but-3-enal	
05.200			
05.203			
05.206			
06.001	Diethyl acetal; Acetaldehyde diethyl acetal; Ethylidine diethyl ether; 1,1-Diethoxyethane.		
06.002	Benzaldehyde glyceryl acetal; 5-Hydroxy-2-phenyl-1,3-dioxan; 2-Phenyl-m-dioxan-5-ol; 4-Hydroxy methyl-2-phenyl-1,3-dioxolan; Benzalglycerin		
06.003	Benzaldehyde dimethyl acetal; 1,1-Dimethoxy phenyl methane		
06.004	3,7-Dimethyl-2,6-octadienal diethyl acetal; 1,1-Diethoxy-3,7-dimethyl-2,6-octadiene	1,1-Diethoxy-3,7-dimethylocta-2,6-diene	
06.005	3,7-Dimethyl-2,6-octadienal dimethyl acetal; 1,1-Dimethoxy-3,7-dimethyl-2,6-octadiene;	1,1-Dimethoxy-3,7-dimethylocta-2,6-diene	
06.006	alpha-Tolyl aldehyde dimethyl acetal; Phenylacetaldehyde dimethyl acetal;		
06.007	5-Hydroxy-2-benzyl-1,3-dioxan; 5-Hydroxymethyl-2-benzyl-1,3-dioxolane	2-Benzyl-4-hydroxy-1,3-dioxane and 2-Benzyl-4-hydroxymethyl-1,3-dioxolane (mixture)	
06.008	Octanal dimethyl acetal; C-8-dimethylacetal; Caprylaldehyde dimethyl acetal; Octaldehyde dimethyl acetal; Resedyl acetal;		
06.009	Decanal dimethyl acetal; Decylaldehyde DMA; Aldehyde C-10 dimethylacetal; 1,1-Dimethoxydecane; Decylaldehyde dimethyl acetal		
06.010	Hydroxycitronellal diethyl acetal; 1,1-Diethoxy-3,7-dimethyl-7-octanol; 8,8-Diethoxy-2,6-dimethyl-2-octanol; 7-Hydroxy-1,1-diethoxy-3,7-dimethyl octane		
06.011	Hydroxycitronellal dimethyl acetal; 8,8-Dimethoxy-2,6-dimethyl-2-octanol; 1,1-Dimethoxy-3,7-dimethyl-7-octanol		
06.012	2-(o-,m-,p-Cresyl)-5-hydroxydioxan; 2-(methylphenyl)-1,3-dioxan-5-ol; 2-5-hydroxymethyl-dioxolane	2-(2,3 and 4-Methylphenyl)-5-hydroxy-1,3-dioxane and 2-(2,3 and 4-Methylphenyl)-5-hydroxymethyl-1,3-dioxolane (mixture)	
06.013	alpha-n-Amyl-beta-phenylacroleindimethylacetal; 1,1-Dimethoxy-2-amyl-3-phenyl-2-propene;	1,1-Dimethoxy-2-pentyl-3-phenylprop-2-ene	
06.014	2-Styryl-m-dioxolane; 2-Styryl-1,3-dioxolane; Cinnamic aldehyde ethylene glycol acetal;	2-(2-Phenylethylene)-1,3-dioxolane	
06.015	Acetaldehyde dimethyl acetal; Dimethylacetal; Ethylidene dimethyl ether;		
06.016	Acetaldehyde phenethyl propyl acetal; [2-(1-Propoxyethoxy)ethyl]benzene; 1-Phenethoxy-1-propoxyethane; Propyl phenethyl acetal; Benzene, 2-(1-propoxyethoxy)ethyl; Acetal R; Pepital;		
06.017	Benzaldehyde diethyl acetal; 1,1-Diethoxyphenyl methane; Phenyl diethoxy methane; 1,1-Diethoxytoluene;		
06.019	Acetaldehyde benzyl methoxyethyl acetal; Acetaldehyde benzyl β-methoxyethyl acetal; 1-Benzoyl-1-(2-methoxyethoxy)ethane;		
06.020	Decanal diethyl acetal; Decan-1-al diethyl acetal; Decylic aldehyde diethylacetal;		
06.021	Heptanal diethyl acetal; Oenanthal diethyl acetal;		
06.023	Hexanal diethyl acetal; Hexyl aldehyde diethyl acetal		
06.024	Phenylacetaldehyde di-isobutyl acetal;	1,1-Di(2-methylpropoxy)-2-phenylethane	
06.025	Nonadienyl diethyl acetal		5
06.027	Phenylacetaldehyde 2,3-butylene glycol acetal;		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
06.028	01	10032-05-0	1,1-Dimethoxyheptane	2541	2015	233-103-6
06.029	09	72854-42-3	Heptanal glyceryl acetal (mixed 1,2 and 1,3 acetals)	2542	2016	276-947-0
06.030	22	90-87-9	1,1-Dimethoxy-2-phenylpropane	2888	2017	202-022-8
06.031	03	54306-00-2	1,1-Diethoxyhex-2-ene		2135	259-086-5
06.032	23	2568-25-4	4-Methyl-2-phenyl-1,3-dioxolane	2130	2226	219-906-4
06.033	01	871-22-7	1,1-Dibutoxyethane		2341	212-804-0
06.034	01	105-82-8	1,1-Dipropoxyethane		2342	203-335-2
06.035	03	10444-50-5	Citral propylene glycol acetal		2343	233-929-7
06.036	15	64577-91-9	1-Butoxy-1-(2-phenylethoxy)ethane	3125	10007	264-948-9
06.037	04	18492-65-4	1,1-Diethoxyhept-4-ene (cis and trans)	3349	10011	242-376-0
06.038	09	5436-21-5	4,4-Dimethoxybutan-2-one	3381	10029	226-605-1
06.039	30	67715-79-1	1,2-Di((1'-ethoxy)-ethoxy)propane	3534		266-979-3
06.040	09	67715-82-6	1,2,3-Tris([1'-ethoxy]-ethoxy)propane	3593	11930	
06.041	02		1-Isobutoxy-1-ethoxy-2-methylpropane		10055	
06.042	02		1-Isobutoxy-1-ethoxy-3-methylbutane		10057	
06.043	01		1-Isoamyloxy-1-ethoxypropane		10038	
06.044	01		1-Isobutoxy-1-ethoxypropane		10058	
06.045	02		1-Isobutoxy-1-isopentyloxy-2-methylpropane		10061	
06.046	02		1-Isobutoxy-1-isopentyloxy-3-methylbutane		10060	
06.047	01		1-Isopentyloxy-1-propoxyethane		10065	
06.048	01		1-Isopentyloxy-1-propoxypropane		10066	
06.049	01	77249-20-8	1-Butoxy-1-(2-methylbutoxy)ethane			
06.050	01	57006-87-8	1-Butoxy-1-ethoxyethane		10003	
06.051	01	13535-43-8	1,1-Di-(2-methylbutoxy)ethane			
06.052	02	13262-24-3	1,1-Di-isobutoxy-2-methylpropane		10025	
06.053	01	5669-09-0	1,1-Di-isobutoxyethane		10023	227-129-7
06.054	01	13262-27-6	1,1-Di-isobutoxypentane		10026	
06.055	01	13002-09-0	1,1-Di-isopentyloxyethane		10028	235-839-3
06.056	01	4285-59-0	1,1-Di-isopropoxyethane			
06.057	02	3658-94-4	1,1-Diethoxy-2-methylbutane		10013	
06.058	02	1741-41-9	1,1-Diethoxy-2-methylpropane		10015	217-107-5
06.059	02	3842-03-3	1,1-Diethoxy-3-methylbutane		10014	223-335-6
06.060	03	10602-34-3	1,1-Diethoxybut-2-ene			234-224-7
06.061	01	3658-95-5	1,1-Diethoxybutane		10009	222-913-5
06.062	01	53405-98-4	1,1-Diethoxydodecane			258-541-5
06.063	04	73545-18-3	1,1-Diethoxyhex-3-ene			277-532-7

FL No	Synonyms	Systematic name	Comments
06.028	Heptanal dimethyl acetal; Aldehyde C-7 dimethyl acetal; Heptaldehyde dimethylacetal; Enanthal dimethyl acetal;		
06.029	2- Hexyl-4-hydroxymethyl-1,3-dioxolan + 2- Hexyl-5-hydroxy-1,3-dioxane; 2-Hexyl-4-hydroxy-1,3-dioxane;		
06.030	Phenylpropanal dimethyl acetal; Hydratropic aldehyde dimethyl acetal; 2- Phenylpropionaldehyde dimethyl acetal;		
06.031	2-Hexenal diethyl acetal		
06.032	Benzaldehyde propylene glycol acetal; 4-Methyl-2-phenyl-m-dioxolane; 4-Methyl-2-phenyl-1,3-dioxolan; Benzaldehyde propylene glycol cyclic acetal		
06.033	Acetaldehyde dibutyl acetal		
06.034	n-Propyl acetal; Dipropyl acetal; Acetaldehyde dipropyl acetal;		
06.035		2-(2,6-Dimethylhepta-1,5-dienyl)-4-methyl-1,3-dioxalane	
06.036	Acetaldehyde butyl phenethyl acetal; 2-Butoxy-2-phenylethoxy-ethane		
06.037	4-Heptenal diethyl acetal;		5
06.038	Acetylacetaldehyde dimethyl acetal; 3-Oxobutanal dimethyl acetal; 3-Ketobutyraldehyde, dimethyl acetal;		
06.039	4,6,9-Trimethyl-3,5,8,10-tetraoxadodecane; 3,5,8,10-tetraoxadecane,4,6,9 -trimethyl-		
06.040	3,5,9,11-Tetraoxatridecane,7-(1-ethoxyethoxy)-4,10-dimethyl-		
06.041	Isobutanal ethyl isobutyl acetal; 2-Methylpropanal ethyl isobutyl acetal	1-Ethoxy-2-methyl-1-(2-methylpro-poxy)propane	
06.042	Isovaleraldehyde ethyl isobutyl acetal; 3-Methylbutanal ethyl isobutyl acetal	1-Ethoxy-3-methyl-1-(2-methylpro-poxy)butane	
06.043	Propanal ethyl 3-methylbutyl acetal	1-Ethoxy-1-(2-methylpropoxy)ethane	
06.044	Propanal ethyl isobutyl acetal	1-Ethoxy-1-(2-methylpropoxy)propane	
06.045	Isobutanal isobutyl isoamyl acetal; 2-Methylpropanal isobutyl 3-methylbutyl acetal	2-Methyl-1-(3-methylbutoxy)-1-(2-methyl-propoxy)propane	
06.046	Isovaleraldehyde isoamyl isobutyl acetal; 3-Methylbutanal isobutyl 3-methylbutyl acetal	3-Methyl-1-(3-methylbutoxy)-1-(2-methyl-propoxy)butane	
06.047	Acetaldehyde 3-methylbutyl propyl acetal	1-(3-Methylbutoxy)-1-propoxyethane	
06.048	Propanal 3-methylbutyl propyl acetal	1-(3-Methylbutoxy)-1-propoxypropane	
06.049	Acetaldehyde butyl 2-methylbutyl acetal		
06.050	Acetaldehyde butyl ethyl acetal		
06.051	Acetaldehyde di(2-methylbutyl) acetal		
06.052	Isobutanal di-isobutyl acetal; 2-Methylpropanal di-sobutyl acetal	1,1-Di(2-methylpropoxy)-2-methylpropane	
06.053	Acetaldehyde di-isobutyl acetal	1,1-Di(2-methylpropoxy)ethane	
06.054	Valeraldehyde di-isobutyl acetal; Pentanal di-sobutyl acetal	1,1-Di(2-methylpropoxy)pentane	
06.055	Acetaldehyde di-isoamyl acetal; Acetaldehyde di(3-methylbutyl) acetal	1,1-Di(3-methylbutoxy)ethane	
06.056	Acetaldehyde di-isopropyl acetal		5
06.057	2-Methylbutanal diethyl acetal		
06.058	Isobutanal diethyl acetal; 2-Methylpropanal diethyl acetal		
06.059	Isovaleraldehyde diethyl acetal; 3-Methylbutanal diethyl acetal		
06.060	2-Butenal diethyl acetal		
06.061	Butanal diethyl acetal		
06.062	Dodecanal diethyl acetal		
06.063	3-Hexenal diethyl acetal		5

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
06.064	01	462-95-3	Diethoxymethane		10012	207-330-6
06.065	01	54815-13-3	1,1-Diethoxynonane		10016	259-360-4
06.066	01	54889-48-4	1,1-Diethoxyoctane			259-385-0
06.067	01	3658-79-5	1,1-Diethoxypentane		10017	222-909-3
06.068	03	3054-95-3	1,1-Diethoxyprop-2-ene		10020	221-276-0
06.069	01	4744-08-5	1,1-Diethoxypropane		10018	225-257-8
06.070	01	53405-97-3	1,1-Diethoxyundecane			258-539-4
06.071	01	5405-58-3	1,1-Dihexyloxyethane		10022	226-458-3
06.072	03	18318-83-7	1,1-Dimethoxyhex-2(trans)-ene			242-204-4
06.073	01	1599-47-9	1,1-Dimethoxyhexane			216-488-5
06.074	01	109-87-5	Dimethoxymethane		10031	203-714-2
06.075	01	26450-58-8	1,1-Dimethoxypentane			247-716-1
06.076	01	4744-10-9	1,1-Dimethoxypropane			225-258-3
06.077	01	3390-12-3	2,4-Dimethyl-1,3-dioxolane			222-221-3
06.078	15	122-71-4	1,1-Diphenethoxyethane			204-568-2
06.079	01	13602-09-0	1-Ethoxy-1-(2-methylbutoxy)ethane		10040	
06.080	15	2556-10-7	1-Ethoxy-1-(2-phenylethoxy)ethane		10049	219-868-9
06.081	04	28069-74-1	1-Ethoxy-1-(3-hexenyloxy)ethane	3775	10034	248-817-3
06.082	01	54484-73-0	1-Ethoxy-1-hexyloxyethane		11948	259-184-8
06.083	01	13442-90-5	1-Ethoxy-1-isopentyloxyethane		10037	236-581-4
06.084	01	10471-14-4	1-Ethoxy-1-methoxyethane		10039	233-959-0
06.085	01	59184-43-9	1-Ethoxy-1-pentyloxyethane		10046	
06.086	01	20680-10-8	1-Ethoxy-1-propoxyethane		10050	243-963-4
06.087	10	6290-17-1	Ethyl 2,4-dimethyl-1,3-dioxolane-2-acetate			228-536-2
06.088	01	4359-46-0	2-Ethyl-4-methyl-1,3-dioxolane			224-435-2
06.089	01	6454-22-4	2-Hexyl-4,5-dimethyl-1,3-dioxolane			229-261-0
06.090	09	3674-21-3	4-Hydroxymethyl-2-methyl-1,3-dioxolane			
06.091	01	6986-51-2	1-Isobutoxy-1-ethoxyethane		10054	230-251-3
06.092	01	75048-15-6	1-Isobutoxy-1-isopentyloxyethane		10059	278-063-0
06.093	02	67879-60-1	2-Isopropyl-4-methyl-1,3-dioxolane			267-550-3
06.094	01	1599-49-1	4-Methyl-2-pentyl-1,3-dioxolane	3630		247-807-6
06.095	01	4352-99-2	4-Methyl-2-propyl-1,3-dioxolane			224-420-0
06.096	01	122-51-0	Triethoxymethane		10903	204-550-4
06.097	09	7789-92-6	1,1,3-Triethoxypropane		10075	232-193-4
06.098	05	1193-11-9	2,2,4-Trimethyl-1,3-dioxolane	3441	11423	214-766-0
06.099	23	4359-31-3	Vanillin butylene glycol acetal			
06.100	01	13002-08-9	Acetaldehyde dipentyl acetal		10032	235-838-8
06.102	09	1708-36-7	2-Hexyl-5-hydroxy-1,3-dioxane		2016	216-961-6
06.104	23	68527-74-2	Vanillin propylene glycol acetal	3905		
06.105	02	13285-51-3	3-Methyl-1,1-di-isopentyloxybutane		10070	
06.106	02	13112-63-5	2-Methyl-1,1-di-isopentyloxypropane		10071	
06.107	01	13548-84-0	1-(2-Methylbutoxy)-1-isopentyloxyethane		10068	
06.108	23		Anisaldehyde butane-2,3-diol acetal			
06.109	04		1,1-Diethoxy-3,7-dimethyloct-6-ene			

FL No	Synonyms	Systematic name	Comments
06.064	Formaldehyde diethyl acetal		
06.065	Nonanal diethyl acetal		
06.066	Octanal diethyl acetal		
06.067	Valeraldehyde diethyl acetal; Pentanal diethyl acetal		
06.068	2- Propenal diethyl acetal		
06.069	Propanal diethyl acetal		
06.070	Undecanal diethyl acetal		
06.071	Acetaldehyde dihexyl acetal		
06.072	trans-2-Hexenal dimethyl acetal		
06.073	Hexanal dimethyl acetal		
06.074	Formaldehyde dimethyl acetal; Methylal		
06.075	Pentanal dimethyl acetal		
06.076	Propanal dimethyl acetal		
06.077			
06.078	Acetaldehyde diphenethyl acetal		
06.079	Acetaldehyde ethyl 2-methylbutyl acetal		
06.080	Acetaldehyde ethyl 2-phenylethyl acetal		
06.081	Ethyl cis-3-hexenyl acetal; Acetaldehyde ethyl 3-hexenyl acetal		5
06.082	Acetaldehyde ethyl hexyl acetal; 1-(1-Ethoxyethoxy) hexane		
06.083	Acetaldehyde ethyl 3-methylbutyl acetal	1-Ethoxy-1-(3-methylbutoxy)ethane	
06.084	Acetaldehyde ethyl methyl acetal		
06.085	Acetaldehyde ethyl amyl acetal; Acetaldehyde ethyl pentyl acetal		
06.086	Acetaldehyde ethyl propyl acetal		
06.087	Ethyl acetoacetate propyleneglycol ketal		
06.088			
06.089			
06.090			
06.091	Acetaldehyde ethyl isobutyl acetal	1-Ethoxy-1-(2-methylpropoxy)ethane	
06.092	Acetaldehyde isobutyl isoamyl acetal; Acetaldehyde isobutyl 3-methylbutyl acetal	1-(3-Methylbutoxy)-1-(2-methylpro-poxy)ethane	
06.093			
06.094			
06.095			
06.096	Triethyl orthoformate; Ethyl orthoformate		
06.097	3-Ethoxypropanal diethyl acetal		
06.098			
06.099	4-Hydroxy-3-methoxybenzaldehyde 2,3-butanediyl acetal	4-Ethyl-2-(4-hydroxy-3-methoxyphenyl)-1,3-dioxolane	
06.100			
06.102			
06.104	4-methyl-2-(4-hydroxy-3-methoxyphenyl)-1,3-dioxolane		
06.105	Isovaleraldehyde di-isoamyl acetal; 3-Methylbutanal di(3-methylbutyl) acetal	3-Methyl-1,1-di(3-methylbutoxy)butane	
06.106		2-Methyl-1,1-di(3-methylbutoxy)propane	
06.107	Methylbutyl acetal	1-(2-Methylbutoxy)-1-(3-methylbutoxy)ethane	
06.108		4,5-Dimethyl-2-(4-methoxyphenyl)-1,3-dioxolane	
06.109	Citronellal diethyl acetal; 3,7-Dimethyl-6-octenal diethyl acetal		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
06.110	01		1-Ethoxy-1-isopentyloxyhexane			
06.111	01		1-Ethoxy-1-methoxypropane			
06.112	01		1-Ethoxy-1-propoxyhexane			
06.113	23		Heliotropine butane-2,3-diol acetal			
06.114	01		1-Hexyloxy-1-isopentyloxyethane			
06.115	01		1-Isopentyloxy-1-pentyloxyethane			
06.120	08		DL-Menthone-1,2-glycerol ketal	3808		
06.123	01		1-Butoxy-1-isopentyloxyethane		10004	
06.124	02		1,1-Di-isobutoxy-3-methylbutane		10024	
06.125	01		1,1-Di-isobutoxypropane		10027	
06.127	01		1-Ethoxy-1-isopentyloxypropane		10036	
06.128	01		1-Ethoxy-1-pentyloxybutane		10045	
06.129	02		1-Ethoxy-2-methyl-1-isopentyloxypropane		10043	
06.130	02		1-Ethoxy-2-methyl-1-propoxypropane		10044	
06.131	02		1-Ethoxy-3-methyl-1-isopentyloxybutane		10042	
07.001	09	78-98-8	2-Oxopropanal	2969	105	201-164-8
07.002	05	110-43-0	Heptan-2-one	2544	136	203-767-1
07.003	05	106-35-4	Heptan-3-one	2545	137	203-388-1
07.004	21	98-86-2	Acetophenone	2009	138	202-708-7
07.005	21	122-48-5	Vanillyl acetone	3124	139	204-548-3
07.006	08	76-22-2	d-Camphor	2230	140	200-945-0
07.007	08	127-41-3	alpha-Ionone	2594	141	204-841-6
07.008	08	14901-07-6	beta-Ionone	2595	142	238-969-9
07.009	08	7779-30-8	Methyl-alpha-ionone	2711	143	204-842-1
07.010	08	127-43-5	Methyl-beta-ionone	2712	144	204-843-7
07.011	08	79-69-6	4-(2,5,6,6-Tetramethyl-2-cyclohexenyl)-3-buten-2-one	2597	145	201-219-6
07.012	08	99-49-0	Carvone	2249	146	202-759-5
07.013	21	93-08-3	Methyl 2-naphthyl ketone	2723	147	202-216-2
07.014	12	118-71-8	Maltol	2656	148	204-271-8
07.015	05	110-93-0	6-Methylhept-5-en-2-one	2707	149	203-816-7
07.016	05	112-12-9	Undecan-2-one	3093	150	203-937-5
07.017	05	108-10-1	4-Methylpentan-2-one	2731	151	203-550-1
07.018	10	3848-24-6	Hexan-2,3-dione	2558	152	223-350-8

FL No	Synonyms	Systematic name	Comments
06.110	Hexanal ethyl 3-methylbutyl acetal	1-Ethoxy-1-(3-methylbutoxy)hexane	
06.111	Propanal ethyl methyl acetal		
06.112	Hexanal ethyl propyl acetal		
06.113	Piperonal butane-2,3-diol acetal	4,5-Dimethyl-2-(3,4-methylenedioxyphenyl)-1,3-dioxolane	
06.114	Acetaldehyde hexyl isoamyl acetal; Acetaldehyde hexyl 3-methylbutyl acetal	1-Hexoxy-1-(3-methylbutoxy)ethane	
06.115	Acetaldehyde 3-methylbutyl pentyl acetal	1-(3-Methylbutoxy)-1-pentyloxyethane	
06.120			
06.123	Acetaldehyde butyl isoamyl acetal	1-Butoxy-1-(3-methylbutoxy)ethane	
06.124	Isovaleraldehyde di-isobutyl acetal; 3-Methylbutanal di-sobutyl acetal	1,1-Di(2-methylpropoxy)-3-methylbutane	
06.125	Propanal di-isobutyl acetal	1,1-Di(2-methylpropoxy)propane	
06.127	Butanal ethyl isoamyl acetal; Butanal ethyl 3-methylbutyl acetal	1-Ethoxy-1-(3-methylbutoxy)propane	
06.128	Butanal ethyl amyl acetal; 2,3- Butylene glycol; Dimethyl ethylene glycol		
06.129	Isobutanal ethyl isoamyl acetal; 2-Methylpropanal ethyl 3-methylbutyl acetal	1-Ethoxy-2-methyl-1-(3-methylbutoxy)butane	
06.130	Isobutanal ethyl propyl acetal; 2-Methylpropanal ethyl propyl acetal		
06.131	Isovaleraldehyde ethyl isoamyl acetal; 3-Methylbutanal ethyl 3-methylbutyl acetal	1-Ethoxy-3-methyl-1-(3-methylbutoxy)butane	
07.001	Pyruvaldehyde; 2-Ketopropionaldehyde; Acetylformaldehyde; Methyl glyoxal; Pyruvic aldehyde; Propan-2-on-1-al		
07.002	Ketone C-7; Methyl amyl ketone; Amyl methyl ketone		
07.003	Ethyl butyl ketone; Butyl ethyl ketone;		
07.004	Methyl phenyl ketone; Acetylbenzene; Acetylbenzol; Benzoylmethide; Phenyl methyl ketone		
07.005	Zingerone; 3-Methoxy-4-hydroxy-benzylacetone; 2-Ethyl methyl ketone; 3-Methoxy-4-methoxybenzylacetone; Vanillylacetone;	4-(4-Hydroxy-3-methoxyphenyl)butan-2-one	
07.006	2-Camphanone; 2-Bornanone; 2-Keto-1,7,7-trimethylnorcamphane; 1,7,7-trimethylbicyclo-[2.2.1]-2-heptanone	dl-Bornan-2-one	5
07.007		4-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	
07.008	beta-Irisone; 4-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-3-buten-2-one; ß-Cyclocitrylideneacetone	4-(2,6,6-Trimethylcyclohex-1-enyl)but-3-en-2-one	5
07.009	alpha-Cetone; 5-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-4-penten-3-one; Raldeine; alpha, Cyclocitrylidenemethyl ethyl ketone	1-(2,6,6-Trimethylcyclohex-2-enyl)pent-1-en-3-one	
07.010	5-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-4-penten-3-one; Raldeine; beta-Cyclocitrylidenebutanone, beta-Methylionone; beta-Iraldeine	1-(2,6,6-Trimethylcyclohex-1-enyl)pent-1-en-3-one	
07.011	alpha-Irone; 6-Methylionone; 4(2,5,6,6-Tetramethyl-2-cyclohexen-1-yl)-3-buten-2-one;		
07.012	Carvol; 1-Methyl-4-isopropenyl-6-cyclohexen-2-one	p-Mentha-1,8-dien-2-one	
07.013	2-Acetonaphthone; 2-acetylnapthalene; oranger crystals; beta-methyl naphthyl ketone; beta-Acetonaphthone;		
07.014	Veltol (Pfizer); Corps praline; 4H-Pyran-4-one, 3-hydroxy-2-methyl; 3-Hydroxy-2-methyl-(1,4-pyran); 2-Methyl pyromeconic acid	3-Hydroxy-2-methyl-4-pyrone	
07.015	Methyl heptenone; 2-Methyl-2-hepten-6-one; 2-Methylheptenone; Methyl hexenyl ketone		
07.016	Methyl nonyl ketone; 2-hendecanone; Undecanone-2; Methyl nonyl ketone; 2-Hendecanone; 2-Oxoundecane; Nonyl methyl ketone		
07.017	Methyl isobutyl ketone; Isobutyl methyl ketone; Isopropylacetone; Isohexanone; Hexone;		
07.018	Methyl propyl diketone; Acetyl butyryl; Acetyl-n-butyryl;		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
07.019	05	111-13-7	Octan-2-one	2802	153	203-837-1
07.020	05	821-55-6	Nonan-2-one	2785	154	212-480-0
07.021	10	7493-59-6	Undeca-2,3-dione	3090	155	231-330-5
07.022	21	122-00-9	4-Methylacetophenone	2677	156	204-514-8
07.023	21	89-74-7	2,4-Dimethylacetophenone	2387	157	201-935-9
07.024	21	122-57-6	4-Phenylbut-3-en-2-one	2881	158	204-555-1
07.025	21	5349-62-2	4-Methyl-1-phenylpentan-2-one	2740	159	226-316-0
07.026	21	7774-79-0	4-(p-Tolyl)butan-2-one	3074	160	
07.027	21	1901-26-4	3-Methyl-4-phenylbut-3-en-2-one	2734	161	217-599-1
07.028	21	119-53-9	Benzoin	2132	162	204-331-3
07.029	21	104-20-1	4-(4-Methoxyphenyl)butan-2-one	2672	163	203-184-2
07.030	21	104-27-8	1-(4-Methoxyphenyl)pent-1-en-3-one	2673	164	203-190-5
07.031	21	55418-52-5	Piperonyl acetone	2701	165	259-630-1
07.032	21	119-61-9	Benzophenone	2134	166	204-337-6
07.033	08	95-41-0	Isojasmone	3552	167	202-417-5
07.034	08	17373-89-6	2-Hexyldenecyclopentan-1-one	2573	167	241-411-7
07.035	08	17369-60-7	Tetramethyl ethylcyclohexenone (mixture of isomers)	3061	168	241-403-3
07.036	08	127-51-5	alpha-Isomethyl ionone	2714	169	204-846-3
07.037	08	1195-79-5	Fenchone	2479	551	225-160-0
07.038	21	100-06-1	4-Methoxyacetophenone	2005	570	202-815-9
07.039	09	7786-52-9	Octan-3-on-1-ol	2804	592	
07.040	21	93-55-0	1-Phenylpropan-1-one	3469	599	202-257-6
07.041	08	79-89-0	beta-Isomethylionone		650	201-231-1
07.042	21	645-13-6	4-Isopropylacetophenone	2927	651	211-433-1
07.044	05	625-33-2	Pent-3-en-2-one	3417	666	210-888-3
07.045	08	2408-37-9	2,2,6-Trimethylcyclohexanone	3473	686	219-309-9
07.046	21	1080-12-2	Vanillylidene acetone	3738	691	214-096-9
07.047	12	4940-11-8	Ethyl maltol	3487	692	225-582-5
07.048	05	2497-21-4	4-Hexen-3-one	3352	718	219-681-2
07.049	21	103-13-9	1-(4-Methoxyphenyl)-4-methylpent-1-en-3-one	3760	719	
07.050	05	67-64-1	Acetone	3326	737	200-662-2
07.051	10	513-86-0	3-Hydroxybutan-2-one	2008	749	208-174-1
07.052	10	431-03-8	Diacetyl	2370	752	207-069-8
07.053	05	78-93-3	Butan-2-one	2170	753	201-159-0
07.054	05	107-87-9	Pentan-2-one	2842	754	203-528-1

FL No	Synonyms	Systematic name	Comments
07.019	Methyl hexyl ketone; n-Hexyl methyl ketone; Hexyl methyl ketone; Octan-2-one		
07.020	Methyl heptyl ketone;		
07.021	Acetyl nonanyl; Acetyl nonanoyl; Acetyl pelargonyl;		
07.022	p-Methylacetophenone; Methyl p-tolyl ketone; 1-Acetyl-4-methylbenzene; 1-methyl-4-acetyl benzene;		
07.023	Acetyl-m-Xylene; methyl 2,4-Dimethylphenyl ketone		
07.024	Benzylidene acetone; Cinnamyl methyl ketone; Methyl styryl ketone; Acetocinnamone; Benzalacetone;		
07.025	Benzyl isobutyl ketone; Isobutyl benzyl ketone;		
07.026		4-(4-Methylphenyl)butan-2-one	
07.027	Benzylidene methyl acetone; 1-Methyl-1-benzylideneacetone; 3-Benzylidene-2-butanone; alpha-Methyl-alpha-Benzalacetone;		
07.028	Benzoyl phenyl carbinol; alpha-Hydroxy-alpha-phenylacetophenone; 2-Hydroxy-1,2-diphenylethane	2-Hydroxy-2-phenylacetophenone	
07.029	Anisyl acetone; p-methoxyphenylbutanone; 2-Butanone, 4-(4-methoxyphenyl)-; Raspberry ketone; methyl oxanone; p-Methoxybenzylacetone		
07.030	Ethone; alpha-Methylanisalacetone; Alpha-Methyl anisylidene acetone; p-Methoxystyryl ethyl ketone		
07.031	2-Butanone, 4-(1,3-benzodioxol-5-yl); Dulcinyll; Heliotropyl acetone	4-(3,4-Methylenedioxyphenyl)butan-2-one	
07.032	Benzoylbenzene; Diphenyl ketone; Diphenylmethanone; Alpha-Oxodiphenylmethane		
07.033		2-Hexyl-cyclopent-2-en-1-one and 2-Hexylidene cyclopentanone	5
07.034	alpha-Hexyldenecyclopentanone		5
07.035			5
07.036	4-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-3-methyl-3-buten-2-one; Methyl-gamma-Ionone; Isomethylionone; gamma-Methylionone	4-(2,6,6-Trimethylcyclohex-2-enyl)-3-methylpent-3-en-2-one	
07.037	d-1,3,3-Trimethyl-2-norbornanone; d-1,3,3-Trimehyl-2-norcamphanone,		5
07.038	Acetanisole; p-Acetylanisole; 4-Acetylanisole;		
07.039	3-Oxo-1-octanol; Caproylethanoate; Hexanoylethanoate; Methylol methyl amyl ketone; 1-hydroxyoctan-3-on;		
07.040	Propiophenone; Phenyl ethyl ketone; Propionylbenzene		
07.041	Isomethyl beta-ionone	3-Methyl-4-(2,6,6-trimethylcyclohex-1-enyl)but-3-en-2-one	
07.042	Methyl p-isopropylphenyl ketone; p-Acetylcumene; p-Propylacetophenone;		
07.044			
07.045			
07.046	Methyl-3-methoxy-4-hydroxystyryl ketone; Dihydrozingerone;	4-(4-Hydroxy-3-methoxyphenyl)but-3-en-2-one	
07.047	Veltol-Plus; 2-Ethylpyromeconic acid; 3-Hydroxy-2-ethyl-4-pyrone; 2-Ethyl-3-ol-4H-pyran-4-one;	2-Ethyl-3-hydroxy-4-pyrone	
07.048	2-Hexen-4-one; Hex-2-en-4-one; Propylene ethyl ketone		
07.049	Methoxystyryl isopropyl ketone; Isopropyl 4-methyloxystyryl ketone		
07.050	Propan-2-one; Dimethyl ketone; 2-Oxopropane; ß-Ketopropane; Pyroacetic ether		1
07.051	Acetoin; AMC; Acetyl methyl carbinol; 2,3-Butanolone; Dimethylketol; 3-Hydroxy-2-butanone; Gamma-hydroxy-beta-oxobutane		
07.052	Dimethyl diketone; Biacetyl; 2,3-diketobutane; 2,3-Butanedione; Dimethylglyoxal;	Butane-2,3-dione	
07.053	Ethyl methyl ketone; Methyl ethyl ketone; Ketone C-4		
07.054	Ethyl acetone; Methyl propyl ketone; Propyl methyl ketone; Pentane-2-one		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
07.055	21	5471-51-2	4-(p-Hydroxyphenyl)butan-2-one	2588	755	226-806-4
07.056	30	80-71-7	3-Methylcyclopentan-1,2-dione	2700	758	201-303-2
07.057	30	21835-01-8	3-Ethylcyclopentan-1,2-dione	3152	759	244-606-5
07.058	05	123-19-3	Heptan-4-one	2546	2034	204-608-9
07.059	08	10458-14-7	p-Menthan-3-one	2667	2035	233-944-9
07.060	10	600-14-6	Pentan-2,3-dione	2841	2039	209-984-8
07.061	08	79-78-7	Allyl alpha-ionone	2033	2040	201-225-9
07.062	05	106-68-3	Octan-3-one	2803	2042	203-423-0
07.063	10	7493-58-5	4-Methylpentan-2,3-dione	2730	2043	231-328-4
07.064	10	96-04-8	Heptan-2,3-dione	2543	2044	202-472-5
07.065	10	496-77-5	5-Hydroxyoctan-4-one	2587	2045	207-830-4
07.067	08	29606-79-9	Isopulegone	2964	2051	249-725-6
07.069	05	4433-36-7	Tetrahydro-pseudo-ionone	3059	2053	224-634-4
07.070	21	7492-37-7	3-Benzylheptan-4-one	2146	2140	231-317-4
07.071	10	5455-24-3	Octane-4,5-dione		2141	
07.072	05	624-42-0	6-Methylheptan-3-one		2143	210-844-3
07.073	05	110-12-3	5-Methylhexan-2-one		2144	203-737-8
07.075	30	13494-06-9	3,4-Dimethylcyclopentan-1,2-dione	3268	2234	236-810-8
07.076	30	13494-07-0	3,5-Dimethylcyclopentan-1,2-dione	3269	2235	236-811-3
07.077	10	4437-51-8	Hexan-3,4-dione	3168	2255	224-651-7
07.078	08	491-07-6	d,l-Isomenthone	3460	2259	207-727-4
07.079	30	579-07-7	1-Phenylpropan-1,2-dione	3226	2275	209-435-2
07.080	30	3008-43-3	3-Methylcyclohexan-1,2-dione	3305	2311	221-122-2
07.081	05	4312-99-6	Oct-1-en-3-one	3515	2312	224-327-5
07.082	05	4643-27-0	Oct-2-en-4-one	3603	2313	225-071-7
07.083	08	23726-92-3	beta-Damascone	3243	2340	245-843-7
07.084	05	96-22-0	Pentan-3-one		2350	202-490-3
07.086	21	102-04-5	1,3-Diphenylpropan-2-one	2397	11839	203-000-0
07.087	21	122-84-9	4-Methoxyphenylacetone	2674	11836	204-578-7
07.088	08	7784-98-7	Methyl-delta-ionone	2713	11852	232-074-7
07.089	08	4674-50-4	Nootkatone	3166	11164	225-124-4
07.090	09	5077-67-8	1-Hydroxybutan-2-one	3173	11102	225-790-6
07.091	08	79-76-5	gamma-Ionone	3175		201-223-8
07.092	08	499-70-7	p-Menthan-2-one	3176	11128	207-887-5
07.093	10	13706-86-0	5-Methylhexan-2,3-dione	3190	11148	237-241-8
07.094	08	488-10-8	3-Methyl-2-(pent-2(cis)-enyl)cyclopent-2-en-1-one	3196	11786	207-668-4
07.095	08	14765-30-1	2-(sec-Butyl)cyclohexanone	3261	11044	238-830-2
07.096	05	589-38-8	Hexan-3-one	3290	11097	209-645-4

FL No	Synonyms	Systematic name	Comments
07.055	p-Hydroxybenzyl acetone; oxyphenalon; Frambinone; 1-p-Hydroxyphenyl-3-butanone; p-Hydrobenzylacetone; p-Hydroxybenzylacetone		
07.056	2-Hydroxy-3-methylcyclopent-2-en-1-one; Methylcyclopentenolone; 3-Methylcyclopentane-1,2-dione; cycлотene; Corylone; 3-Methyl-2-cyclopenten-2-ol-1-one		
07.057	2-Hydroxy-3-ethyl-2-cyclopenten-1-one; Ethyl cyclopentenolone; Ethyl cyclopentalone; 3-Ethyl-2-cyclopenten-2-ol-1-one;		
07.058	Dipropyl ketone; Butyrone;		
07.059	2-Isopropyl-5-methylcyclohexanone; 4-Isopropyl-1-methylcyclohexan-3-one		
07.060	Acetyl propionyl		
07.061	1-(2,6,6-Trimethyl-2-cyclohexene-1-yl)-1,6-heptadien-3-one; Allyl cyclocitrylideneacetone; alpha-AllyliononeS	1-(2,6,6-Trimethylcyclohex-2-enyl)-1,6-heptadien-3-one	
07.062	Ethyl amyl ketone; Amyl ethyl ketone;		
07.063	Acetyl isobutyryl		
07.064	Acetyl pentanoyl; Acetyl valeryl; Valeryl acetyl;		
07.065	Butyroid; 5-Octanol-4-one;		
07.067	1-Methyl-4-isopropenylcyclohexan-3-one; 1-Methyl-4-isopropenyl-3-cyclohex-anone; 1-Isopropyl-4-methyl-2-cyclohexanone	p-Menth-8-en-3-one	5
07.069	6,10-Dimethyl-9-undecen-2-one; Dihydrogeranylacetone,	6,10-Dimethylundec-9-en-2-one	
07.070			
07.071	Dibutyryl		
07.072	Isoamyl ethyl ketone		
07.073	Isoamyl methyl ketone		
07.075	2-Hydroxy-3,4-dimethyl-2-cyclopenten-1-one;		
07.076			
07.077	Dipropionyl; 3,4-Dioxohexane; Diethyl-alpha,beta-di-ketone		
07.078	Cis-1-Methyl-4-isopropyl-3-cyclohexanonaе; cis-para-Menthan-3-one	cis-p-Menthan-3-one	
07.079	Acetyl benzoyl; Methyl phenyl diketone; Methyl phenyl glyoxal; Phenyl methyl diketone		
07.080	3-Methyl-1,2-cyclohexanedione; 2-Methyl-3,4-cyclohexanedione;		
07.081	Vinyl amyl ketone; Amyl vinyl ketone		
07.082	Butyl propenyl ketone; Propenyl butyl ketone		
07.083		1-(2,6,6-Trimethylcyclohex-1-enyl)but-2-en-1-one	5
07.084	Dimethyl acetone; Diethyl ketone; Dimethylacetone; Propione; Methacetone		
07.086	Dibenzyl ketone; Alpha,alpha-Diphenylketone; Benzyl ketone;		
07.087	Anisyl methyl ketone; 3-(4-Methoxyphenyl)propan-2-one; p-Methoxyphenylacetone; Anisketone; Anisic ketone;		
07.088	5-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-4-penten-3-one	1-(2,6,6-Trimethylcyclohex-3-enyl)pent-1-en-3-one	
07.089	5,6-Dimethyl-8-isopropenylbicyclo[4.4.0]dec-1-en-3-one; 4,4a,5,6,7,8-Hexahydro-6-isopropenyl-4,4a-dimethyl-2(3H)-naphthalene	4,4a,5,6,7,8- Hexahydro-4,4a-dimethyl-6-(1-methylene-ethyl)-2(3H)-naphthalenone	
07.090	2-Oxo-1-butanol; Propionyl cabinol; Ethyl hydroxymethyl ketone; 1-Butanol-2-one		
07.091	4-(2,2-Dimethyl-6-methylene-cyclohexyl)-3-buten-2-one; 4-(2-Methylene-6,6-dimethylcyclohexyl)-3-buten-2-one	4-(2,2-Dimethyl-6-methylenecyclohexyl)but-3-en-2-one	
07.092	Carvomenthone; Tetrahydromenthone; Tetrahydrocarvone		
07.093	2-Methyl-4,5-hexanedione; Acetyl isovaleryl; Isobutyl methyl diketone; Isobutyl methyl glyoxal;		
07.094	cis-Jasmone;		5
07.095	2-But-2-ylcyclohexanone	2-(1-Methylpropyl)cyclohexanone	
07.096	Ethyl propyl ketone		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
07.097	10	59191-78-5	3-(Hydroxymethyl)octan-2-one	3292	11113	261-652-1
07.098	08	1193-18-6	3-Methylcyclohex-2-en-1-one	3360	11134	214-769-7
07.099	05	1604-28-0	6-Methylhepta-3,5-dien-2-one	3363	11143	216-507-7
07.100	05	3240-09-3	5-Methylhex-5-en-2-one	3365	11150	221-807-6
07.101	05	141-79-7	4-Methylpent-3-en-2-one	3368	11853	205-502-5
07.102	05	1629-58-9	Pent-1-en-3-one	3382	11179	216-624-3
07.103	05	593-08-8	Tridecan-2-one	3388	11194	209-784-0
07.104	05	4643-25-8	Hept-2-en-4-one	3399	11093	225-070-1
07.105	05	1119-44-4	Hept-3-en-2-one	3400	11094	214-278-8
07.106	05	5166-53-0	5-Methylhex-3-en-2-one	3409	11149	225-950-5
07.107	05	1669-44-9	Oct-3-en-2-one	3416	11170	216-793-3
07.108	08	23696-85-7	beta-Damascenone	3420	11197	245-833-2
07.109	30	1125-21-9	2,6,6-Trimethylcyclohex-2-en-1,4-dione	3421	11200	214-406-2
07.110	08	542-46-1	Cycloheptadec-9-en-1-one	3425	11744	208-813-4
07.111	08	541-91-3	3-Methylcyclopentadecan-1-one	3434	11135	208-795-8
07.112	08	2758-18-1	3-Methyl-2-cyclopenten-1-one	3435	11137	220-421-5
07.113	05	925-78-0	Nonan-3-one	3440	11160	213-125-2
07.114	05	762-29-8	6,10,14-Trimethylpentadeca-5,9,13-trien-2-one	3442	11206	212-097-9
07.115	08	20483-36-7	3,4-Dehydrodihydro-beta-ionone	3447	11057	243-847-3
07.116	08	43219-68-7	1-(1,4-Dimethylcyclohex-3-en-1-yl)ethan-1-one	3449	11062	256-150-4
07.117	30	42348-12-9	3-Ethyl-2-hydroxy-4-methylcyclopent-2-en-1-one	3453	11077	255-767-6
07.118	30	53263-58-4	5-Ethyl-2-hydroxy-3-methylcyclopent-2-en-1-one	3454	11078	258-451-6
07.119	30	10316-66-2	2-Hydroxycyclohex-2-en-1-one	3458	11046	
07.120	30	4883-60-7	2-Hydroxy-3,5,5-trimethylcyclohex-2-en-1-one	3459	11198	
07.121	05	10519-33-2	Dec-3-en-2-one	3532	11751	234-059-0
07.122	05	108-83-8	2,6-Dimethylheptan-4-one	3537	11914	203-620-1
07.123	05	3796-70-1	Geranylacetone	3542	11088	223-269-8
07.124	21	118-93-4	2-Hydroxyacetophenone	3548	11784	204-288-0
07.125	10	3142-66-3	3-Hydroxypentan-2-one	3550	11115	
07.126	08	78-59-1	3,5,5-Trimethylcyclohex-2-en-1-one	3553	11918	201-126-0
07.127	08	491-09-8	p-Mentha-1,4(8)-dien-3-one	3560	11189	207-729-5
07.128	08	7764-50-3	Dihydrocarvone	3565	11703	231-857-0
07.129	08	3720-16-9	3-Methyl-5-propylcyclohex-2-en-1-one	3577		223-069-0
07.130	08	57378-68-4	delta-Damascone	3622		260-709-8
07.131	08	17283-81-7	Dihydro-beta-ionone	3626	11060	241-318-1
07.132	08	31499-72-6	Dihydro-alpha-ionone	3628	11059	250-657-4
07.133	21	13171-00-1	4-Acetyl-6-t-butyl-1,1-dimethylindane	3653		236-114-4
07.134	08	43052-87-5	alpha-Damascone	3659	11053	
07.135	25	28631-86-9	2,4-Dihydroxyacetophenone	3662	11884	
07.136	08	34545-88-5	4,4a,5,6-Tetrahydro-7-methylnapthalen-2(3H)-one	3715		252-079-8

FL No	Synonyms	Systematic name	Comments
07.097			
07.098	1- Methyl-1-cyclohexenone-3		
07.099	2-Methyl-hepta-2,4-dien-6-one; Methylheptadienone,		
07.100	2-Methylallylacetone; 2-Methyl-1-hexen-5-one; 2-Methyl-allyl-acetone		
07.101	Mesityl oxide; Methyl isobutenyl ketone; Isopropylideneacetone;		
07.102	Ethyl vinyl ketone		
07.103	Methyl undecyl ketone; Hendecyl methyl ketone		
07.104			
07.105	Methyl pentenyl ketone; Butylidene acetone; n-Butylideneacetone		
07.106	Isobutylidene acetone		
07.107			
07.108	4-(2,6,6-trimethylcyclohexa-1,3-dienyl)-but-2-en-4-one	1-(2,6,6-Trimethylcyclohexa-1,3-dienyl)but-2-en-1-one	
07.109	3,5,5-Trimethylcyclohex-2-ene-1,4-dione; 2-Cyclohexenedione-1,4,3,5,5-trimethyl-;		
07.110	Civettone; Civetone		5
07.111	Muscone; Methylxaltone		
07.112	1-Methyl-1-cyclopenten-3-one		
07.113	Ethyl hexyl ketone		
07.114	Farnesyl acetone; 2,6,10-Trimethyl-2,6,10-pentadecatrien-14-one; 6,10,14-Trimethyl-5,9,13-pentadecatrien-2-one		
07.115	Dehydrodihydroionone; 4-(2,6,6-trimethylcyclohexadien-1-yl)-2-butanone	4-(2,6,6-Trimethyl-1,3-cyclohexadienyl)butan-2-one	
07.116	4-Acetyl-1,4-dimethylcyclohex-1-ene		
07.117	3-Ethyl-4-methylcyclotene; Ethylcyclopentenolone; 3-Ethyl-2-cyclopenten-2-ol-1-one;		
07.118	5-Ethyl-3-methylcyclotene;		
07.119	Cyclohexane-1,2-dione		
07.120	3,5,5-Trimethylcyclohexane-1,2-dione; 3,5,5-Trimethyl-1,2-cyclohexanedione;		
07.121	Heptylidene acetone; Oenanthylidene acetone; Enanthylidene acetone		
07.122	Di-sobutyl ketone; Isobutyl ketone; iso-Nonanone; Isovalerone		
07.123	alpha, beta-dihydropseudoionone	6,10-Dimethyl-5(trans),9-undecadien-2-one	
07.124	Ethanone, 1-(2-hydroxyphenyl)-; o-acetylphenol		
07.125	Acetyl ethyl barbonol;		
07.126	Isophorone; Isoacetopherone		
07.127	Piperitenone; 4-Isopropylidene-1-methyl-1-cyclohexen-3-one;		
07.128	Cis-Dihydrocarvone; cis-Menthen-8(9)-one(2); 1-Methyl-4-isopropenylcyclohexan-2-one;	p-Menth-8(10)-en-2-one	
07.129	1-Methyl-5-n-propyl-1-cyclohexen-3-one		
07.130		1-(2,6,6-Trimethylcyclohex-3-enyl)but-2-en-1-one	5
07.131	4-(2,6,6-Trimethyl-2-cyclohexenyl)butan-2-one	4-(2,6,6-Trimethylcyclohex-1-enyl)butan-2-one	
07.132		4-(2,6,6-Trimethylcyclohex-2-enyl)butan-2-one	
07.133	Celestolide; 4-Acetyl-1,1-dimethyl-6-tert-butylindane	Acetyl-6-tert-butyl-2,3-dihydro-1,1-dimethylindane	
07.134	4-(2,6,6-Trimethyl-2-cyclohexenyl)-2-butene-4-one	1-(2,6,6-Trimethylcyclohex-2-enyl)but-2-en-1-one	5
07.135	1-Ethanone;		
07.136			

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
07.137	05	2345-28-0	Pentadecan-2-one	3724	11808	219-064-8
07.138	05	63759-55-7	2-Pentylbut-1-en-3-one	3725		264-448-0
07.139	05	81925-81-7	5-Methylhept-2-en-4-one	3761		
07.140	08	1128-08-1	3-Methyl-2-pentylcyclopent-2-en-1-one	3763		214-434-5
07.142	25	498-02-2	Acetovanillone		11035	207-854-5
07.143	08	32388-55-9	Acetylcedrene			251-020-3
07.144	30	1670-46-8	2-Acetylcyclopentan-1-one			216-797-5
07.145	05	78-94-4	But-3-en-2-one		11043	201-160-6
07.146	08	2244-16-8	d-Carvone	2249	146	218-827-2
07.147	08	6485-40-1	l-Carvone	2249	146	229-352-5
07.148	08	108-94-1	Cyclohexanone	3909	11047	203-631-1
07.149	08	120-92-3	Cyclopentanone	3910	11050	204-435-9
07.150	05	693-54-9	Decan-2-one		11055	211-752-6
07.151	05	928-80-3	Decan-3-one		11056	213-183-9
07.152	10	51933-13-2	3,3-Diethoxybutan-2-one			
07.153	08	1803-39-0	1,10-Dihydronootkatone	3776		
07.154	25	5650-43-1	1-(3,5-Dimethoxy-4-hydroxyphenyl)propan-1-one		11106	
07.155	08	30434-64-1	3,4-Dimethylcyclopent-2-en-1-one			250-199-5
07.156	05	2550-18-7	2,6-Dimethyloct-6-en-3-one			
07.157	05	1604-34-8	6,10-Dimethylundecan-2-one		11068	216-509-8
07.158	05	6175-49-1	Dodecan-2-one		11069	228-222-5
07.159	08	4695-62-9	d-Fenchone	2479	551	225-160-0
07.160	05	2922-51-2	Heptadecan-2-one		11089	
07.161	05	1629-60-3	Hex-1-en-3-one			216-625-9
07.162	05	109-49-9	Hex-5-en-2-one			203-675-1
07.163	05	591-78-6	Hexan-2-one		11776	209-731-1
07.164	21	2478-38-8	4-Hydroxy-3,5-dimethoxyacetophenone		11105	219-610-5
07.165	10	123-42-2	4-Hydroxy-4-methylpentan-2-one			204-626-7
07.166	10	590-90-9	4-Hydroxybutan-2-one		11103	209-693-6
07.167	10	4984-85-4	4-Hydroxyhexan-3-one		11108	225-637-3
07.168	30	490-03-9	2-Hydroxypiperitone			207-704-9
07.169	09	116-09-6	1-Hydroxypropan-2-one		11101	204-124-8
07.170	32	23267-57-4	beta-Ionone epoxide		11202	245-542-0
07.171	08	18358-53-7	Isopinocampnone		11125	242-228-5
07.172	08	500-02-7	4-Isopropylcyclohex-2-en-1-one	3939	11127	207-898-5
07.173	08	13215-88-8	Megastigma-4,6,8-trien-3-one			236-187-2
07.174	08	67401-27-8	Megastigma-5,8-dien-4-one			266-685-5
07.175	08	89-81-6	p-Menth-1-en-3-one	2910	2052	201-942-7
07.176	08	89-80-5	trans-Menthone	2667	2035	201-941-1
07.177	05	33046-81-0	7-Methyl-3-octenone-2	3868		251-361-8
07.178	05	563-80-4	3-Methylbutan-2-one		11131	209-264-3
07.179	08	583-60-8	2-Methylcyclohexanone	3946		209-513-6
07.180	08	591-24-2	3-Methylcyclohexanone	3947		209-710-7

FL No	Synonyms	Systematic name	Comments
07.137	Methyl tridecyl ketone		
07.138	3-Methylene-2-octanone	3-Methyleneoctan-2-one	
07.139	2-Hepten-4-one, 5-methyl,		
07.140	Dihydrojasmone; 2-Pentyl-3-methyl-2-cyclopenten-1-one; 3-Methyl-2-(n-pentanyl)-2-cyclopentene-1-one		
07.142		4-Hydroxy-3-methoxyacetophenone	
07.143	Methyl cedrenyl ketone; 1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl)ethan-1-one	5-Acetyl-2,2,4,8-tetramethyltri-cyclo[5,3,1(3,7).0(1,7)]undec-4(5)-ene	
07.144			
07.145	Methyl vinyl ketone		
07.146		d-p-Mentha-1,8-dien-2-one	5
07.147		l-p-Mentha-1,8-dien-2-one	5
07.148	Cyclohexyl ketone; Hexanon; Ketoexamethylene;		
07.149	Ketocyclopentane; Ketopentamethylene		
07.150			
07.151			
07.152			
07.153		1,2,6-Trimethyl-9-isopropylene-bicyclo[4.4.0]decan-4-one	
07.154	Propiosyringone; 3,5- Dimethoxy-4-hydroxypropioiphenone		
07.155			
07.156			
07.157			
07.158			
07.159	d-1,3,3-Trimethyl-2-norbornanone	1,3,3-Trimethyl-bicyclo[2.2.1]heptan-2-one	5
07.160	methyl-pentadecyl-ketone-;		
07.161			
07.162			
07.163			
07.164	Acetosyringone		
07.165			
07.166			
07.167			
07.168		2-Hydroxy-menth-1-en-3-one	
07.169	Hydroxyacetone; Acetyl carbinol		
07.170		4-(1,2-Epoxy-2,6,6-trimethylcyclo-hexyl)but-3-en-2-one	
07.171		2,6,6-Trimethyl-bicyclo[3.1.1] cyclohep-tan-3-one	
07.172	Cryptone; Crypton; 4-Isopropylcyclohex-2-enone; DL-Kryptone		
07.173		4-(2-Butenylidene)-3,5,5-trimethylcyclo-hex-2-ene-1-one	
07.174		3-(2-Butenyl)-2,4,4-trimethylcyclohex-2-ene-1-one	
07.175	Piperitone; alpha-Piperitone; 1-Methyl-4-isopropyl-1-cyclohexen-3-one		
07.176		trans-p-Menthan-3-one	5
07.177	trans-7-Methyl-3-octen-2-one		5
07.178	3-Methyl-1-butenol-2; Methyl isopropyl ketone		
07.179	Methyl anone		
07.180			

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
07.181	05	928-68-7	6-Methylheptan-2-one		11146	213-179-7
07.182	05	541-85-5	5-Methylheptan-3-one			208-793-7
07.184	10	113486-29-6	3-Methylnona-2,4-dione			
07.185	05	565-61-7	3-Methylpentan-2-one		11157	209-282-1
07.186	10	815-57-6	3-Methylpentane-2,4-dione			212-420-3
07.187	05	32064-72-5	Non-2-en-4-one		11162	250-909-3
07.188	05	14309-57-0	Non-3-en-2-one	3955	11163	238-248-9
07.189	05	4485-09-0	Nonan-4-one		11161	224-770-4
07.190	05	65213-86-7	Octa-1,5-dien-3-one			
07.191	10	123-54-6	Pentan-2,4-dione		11036	204-634-0
07.192	30	93-91-4	1-Phenylbutan-1,3-dione		11181	202-286-4
07.193	21	495-40-9	1-Phenylbutan-1-one			207-799-7
07.194	21	2550-26-7	4-Phenylbutan-2-one		11182	219-847-4
07.195	21	103-79-7	1-Phenylpropan-2-one		11042	203-144-4
07.196	08	80-57-9	Pin-2-en-4-one		11186	201-292-4
07.197	08	31375-17-4	6-Propionyl-p-menth-1-ene			250-600-3
07.198	05	141-10-6	Pseudo-ionone		11191	205-457-1
07.199	05	2345-27-9	Tetradecan-2-one		11192	219-063-2
07.200	08	79-70-9	4-(2,5,6,6-Tetramethyl-1-cyclohexenyl)but-3-en-2-one			201-220-1
07.201	05	60437-21-0	Tridec-12-en-2-one			
07.202	08	20013-73-4	2,6,6-Trimethylcyclohex-2-en-1-one			243-465-7
07.203	08	873-94-9	3,3,5-Trimethylcyclohexan-1-one			212-855-9
07.204	05	546-49-6	3,3,6-Trimethylhepta-1,5-dien-4-one			208-903-3
07.205	05	502-69-2	6,10,14-Trimethylpentadecan-2-one		11205	207-950-7
07.206	21	56681-06-2	4-(2,3,6-Trimethylphenyl)but-3-en-2-one			
07.207	08	3603-99-4	Cyclotetradecanone			222-758-3
07.209	08	21368-68-3	Camphor	2230	140	207-355-2
07.210	05	24415-26-7	1-Nonene-3-one			
07.214	21	941-98-0	alpha-Methyl naphthyl ketone			213-384-1
07.215	08	464-49-3	(1R)-1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one	2230	140	207-335-2
07.216	05	689-67-8	6,10-Dimethyl-5,9-undecadien-2-one			211-711-2
07.218	08	1335-46-2	Methyl ionone			215-635-0
07.219	08	6261-18-3	trans-3-Methyl-2-(2-pentenyl)-2-cyclopenten-1-one	3196	11786	228-410-7
07.221	08	11050-62-7	2-Methyl-3-(2-pentenyl)-2-cyclopenten-1-one	3552		234-273-4
07.222	08	14073-97-3	(2S-trans)-5Methyl-2-(1-methylethyl)cyclohexanone	2667	2035	237-926-1
07.224	08	23726-91-2	tr-1-(2,6,6-Trimethyl-1-cyclohexen-1-yl)but-2-en-1-one	3243	2340	245-842-1
07.225	08	23726-94-5	cis-1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)but-2-en-1-one	3659	11053	245-845-8
07.226	08	24720-09-0	tr-1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)but-2-en-1-one			246-430-4
07.227	05	68228-05-7	6,10-Dimethylundecadien-2-one			269-400-2
07.231	08		alpha-Damascenone			
07.234	25		5-Paradol			
07.236	05	22610-86-2	5-Octen-2-one		11171	
07.238	10	37160-77-3	3-Hydroxy-2-octanone			
08.001	01	64-18-6	Formic acid	2487	1	200-579-1
08.002	01	64-19-7	Acetic acid	2006	2	200-580-7
08.003	01	79-09-4	Propionic acid	2924	3	201-176-3
08.004	09	598-82-3	Lactic acid	2611	4	209-954-4

FL No	Synonyms	Systematic name	Comments
07.181			
07.182			
07.184			
07.185			
07.186			
07.187			
07.188			
07.189			
07.190			
07.191	Acetylacetone		
07.192	Benzoylacetone		
07.193			
07.194			
07.195	Benzyl methyl ketone		
07.196	Verbenone	4,6,6-Trimethyl-bicyclo[3.1.1]hept-3-en-2-one	
07.197		1-(p-Menth-1-en-6-yl)propan-1-one	
07.198		6,10-Dimethylundeca-3,5,9-trien-2-one	
07.199			
07.200	beta-Irone		
07.201			
07.202			
07.203			
07.204			
07.205	Hexahydrofarnesyl acetone		
07.206			
07.207			
07.209			5
07.210			
07.214	Naphtyl methyl ketone, 1-acetonaphtone		
07.215	d-Camphor		5
07.216			
07.218			
07.219	trans-Jasmone		5
07.221			
07.222	l-Menthone		5
07.224			5
07.225	cis-alpha-Damascone		5
07.226			
07.227			
07.231		1-(2,6,6-Trimethylcyclohexa-2,4-dienyl)but-2-en-1-one	
07.234		1-(4-Hydroxy-3-methoxyphenyl)nonan-3-one	
07.236			
07.238			
08.001	Methanoic acid		1
08.002	Ethanoic acid; Ethylic acid; Methanecarboxilic acid		1
08.003	Methylacetic acid; Ethylformic acid		1
08.004	alpha-Hydroxypropanoic acid;	2-Hydroxypropanoic acid	1

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
08.005	01	107-92-6	Butyric acid	2221	5	203-532-3
08.006	02	79-31-2	2-Methylpropionic acid	2222	6	201-195-7
08.007	01	109-52-4	Valeric acid	3101	7	203-677-2
08.008	02	503-74-2	3-Methylbutyric acid	3102	8	207-975-3
08.009	01	142-62-1	Hexanoic acid	2559	9	205-550-7
08.010	01	124-07-2	Octanoic acid	2799	10	204-677-5
08.011	01	334-48-5	Decanoic acid	2364	11	206-376-4
08.012	01	143-07-7	Dodecanoic acid	2614	12	205-582-1
08.013	01	112-80-1	Oleic acid	2815	13	204-007-1
08.014	01	57-10-3	Hexadecanoic acid	2832	14	200-312-9
08.015	01	57-11-4	Octadecanoic acid	3035	15	200-313-4
08.016	01	544-63-8	Tetradecanoic acid	2764	16	208-875-2
08.017	30	6915-15-7	l-Malic acid	2655	17	230-022-8
08.018	30	133-37-9	Tartaric acid	3044	18	205-105-7
08.019	09	127-17-3	Pyruvic acid	2970	19	204-824-3
08.021	23	65-85-0	Benzoic acid	2131	21	200-618-2
08.022	22	621-82-9	Cinnamic acid	2288	22	210-708-3
08.023	09	123-76-2	4-Oxovaleric acid	2627	23	204-649-2
08.024	09	110-15-6	Succinic acid		24	203-740-4
08.025	09	110-17-8	Fumaric acid	2488	25	203-743-0
08.026	09	124-04-9	Adipic acid	2011	26	204-673-3
08.028	01	111-14-8	Heptanoic acid	3348	28	203-838-7
08.029	01	112-05-0	Nonanoic acid	2784	29	203-931-2
08.031	02	97-61-0	2-Methylvaleric acid	2754	31	202-594-9
08.032	22	501-52-0	3-Phenylpropionic acid	2889	32	207-924-5
08.033	30	499-12-7	Prop-1-ene-1,2,3-tricarboxylic acid	2010	33	207-877-0
08.034	07	5292-21-7	Cyclohexylacetic acid	2347	34	226-132-0
08.035	02	4536-23-6	2-Methylhexanoic acid	3191	582	224-883-9
08.036	04	502-47-6	Citronellic acid	3142	616	207-939-7
08.037	30	328-50-7	2-Oxoglutaric acid	3891	653	206-330-3
08.038	15	103-82-2	Phenylacetic acid	2878	672	203-148-6
08.039	04	112-38-9	Undec-10-enoic acid	3247	689	203-965-8
08.040	23	99-96-7	4-Hydroxybenzoic acid		693	202-804-9
08.041	04	60-33-3	Octadeca-9,12-dienoic acid	3380	694	200-470-9
08.042	01	112-37-8	Undecanoic acid	3245	696	203-964-2
08.043	23	121-34-6	Vanillic acid		697	204-466-8
08.044	03	21016-46-6	2,4-Dimethylpent-2-enoic acid	3143	744	
08.045	02	88-09-5	2-Ethylbutyric acid	2429	2001	201-796-4
08.046	02	116-53-0	2-Methylbutyric acid	2695	2002	204-145-2

FL No	Synonyms	Systematic name	Comments
08.005	Ethylacetic acid; Butanoic acid; 1-Propanecarboxylic acid		
08.006	Isobutyric acid; Isopropylformic acid; Butyric iso acid		
08.007	Pentanoic acid; Propylacetic acid; Valerianic acid; 1-Butanecarboxilic acid		
08.008	Isopentanoic acid; beta-Methylbutyric acid; Delphinic acid; Active valeric acid; ß-Methylbutyric acid;		
08.009	Caproic acid; Hexoic acid; 2-Butylacetic acid; Pentylformic acid		1
08.010	Caprylic acid; Octoic acid; C-8; Octylic acid; 1-Heptanecarboxilic acid		1
08.011	Capric acid; Decylic acid; 1-Nonanecarboxylic acid		
08.012	Lauric acid; Dodecoic acid; Laurostearic acid		1
08.013	Oleinic acid; trans-Elaidic acid	Octadec-9-enoic acid	1
08.014	Palmitic acid; Hexadecylic acid; Cetylic acid; 1-Pentadecanecarbocylic acid		1
08.015	Stearic acid; Octadecylic acid		
08.016	Myristic acid; Crodacid		1
08.017	2-Hydroxy-1,4-butanedioic acid; Hydroxysuccinic acid:	2-Hydroxybutane-1,4-dioic acid	1, 5
08.018	Racemic acid; 2,3-Dihydroxysuccinic acid	2,3-Dihydroxybutanedioic acid	1
08.019	2-Ketopropionic acid; Acetylformic acid; Alpha-Ketopropionoc acid; Pyroracemic acid	2-Oxopropanoic acid	
08.021	Benzenecarboxylic acid; Phenylformic acid; Dracylic acid; Carboxybenzene; Phenyl carboxylic acid;		1
08.022	tert-beta-Phenylacrylic acid; 3-Phenyl-2-propenoic acid; ß-Phenylacrylic acid; 3-Phenylacrylic acid	3-Phenylprop-2-enoic acid	1
08.023	Laevulinic acid; Acetopropionic acid; Laevulic acid; Levulinic acid; 4-Oxopentanoic acid; 3-Acetylpropionic acid;		1
08.024	Butan-1,4-dioic acid; 1,2-Ethanedicarboxylic acid;	Butanedioic acid	1
08.025	Allomalenic acid; Boletic acid; tr-Butenedionic acid; tr-1,2-ethylenedicarboxylic acid	But-2(trans)-enedioic acid	1
08.026	1,4-Butanedicarboxylic acid;	Hexanedioic acid	1
08.028	n-Heptanoic; Enanthic; n-Heptylic; n-Heptoic acid; Oenanthic; Oenanthic acid; n-Heptanoic acid; Enanthic acid;		1
08.029	Pelargonic acid; Octane-1-carboxylic acid; Nonylic acid; Nonoic acid		
08.031	2-Methylpentanoic acid; Methylpropylacetic acid		
08.032	Benzylacetic acid; Hydrocinnamic acid; ß-Phenylpropionic acid; Dihydrocinnamic acid		
08.033	Aconitic acid; Achilleic acid; Equisetic acid; Citridic acid; 2-Carboxyglutaconic acid		
08.034	Cyclohexaneacetic acid		
08.035	2-Methylcaproic acid; 2-Butylpropanoic acid; Hexana-2-carboxylic acid		
08.036	Rhodinolic acid; Rhodinic acid	3,7-Dimethyloct-6-enoic acid	
08.037	alpha-Ketoglutaric acid; 2-Oxo-1,5-pentanedioic acid; 2-Ketoglutaric acid	2-Oxopentanedioic acid	
08.038	alpha-Toluic acid; Benzylcarboxylic acid		
08.039	Undecylenic acid; 10-Hendecenoic acid		
08.040	p-Hydroxybenzoic acid		
08.041	Linoleic acid; Linoleic and Linolenic acids		1, 5
08.042	n-Undecoic acid; n-Undecylic acid; Hendecanoic acid		
08.043	4-Hydroxy-3-methoxy-benzoic acid	4-Hydroxy-3-methoxybenzoic acid	
08.044			
08.045	alpha-Ethylbutyric acid; Diethylacetic acid		
08.046	Methylethyl acetic acid; Butane-2-carboxylic acid		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
08.047	02	1188-02-9	2-Methylheptanoic acid	2706	2003	214-704-2
08.048	04	591-80-0	Pent-4-enoic acid	2843	2004	209-732-7
08.049	15	122-59-8	Phenoxyacetic acid	2872	2005	204-556-7
08.050	04	4219-24-3	Hex-3-enoic acid	3170	2256	224-157-1
08.051	09	759-05-7	3-Methyl-2-oxobutyric acid	3869	2262	212-065-4
08.052	09	816-66-0	4-Methyl-2-oxovaleric acid	3871	2263	212-435-5
08.053	09	141-82-2	Malonic acid		2264	205-503-0
08.054	03	13419-69-7	Hex-2(trans)-enoic acid	3169	11777	236-528-5
08.055	03	3142-72-1	2-Methyl-2-pentenoic acid	3195	11680	241-026-4
08.056	02	105-43-1	3-Methylvaleric acid	3437	10149	203-297-7
08.057	02	646-07-1	4-Methylvaleric acid	3463	10150	211-464-0
08.058	04	37674-63-8	2-Methylpent-3-enoic acid	3464	10147	253-610-6
08.059	04	1575-74-2	2-Methylpent-4-enoic acid	3511	10148	216-404-7
08.060	07	98-89-5	Cyclohexanecarboxylic acid	3531	11911	202-711-3
08.061	02	628-46-6	5-Methylhexanoic acid	3572	10142	
08.062	02	45019-28-1	4-Methylnonanoic acid	3574	11925	256-180-8
08.063	02	54947-74-9	4-Methyloctanoic acid	3575	11926	259-404-2
08.064	03	80-59-1	2-Methylcrotonic acid	3599	10168	201-295-0
08.065	04	14436-32-9	Dec-9-enoic acid	3660	10090	238-410-9
08.066	09	600-18-0	2-Oxobutyric acid	3723		209-986-9
08.067	07	71298-42-5	1,2,5,6-Tetrahydrocuminic acid	3731		
08.068	04	72881-27-7	Dec-(5- and 6)-enoic acid	3742		
08.070	03	541-47-9	3-Methylcrotonic acid	3187	10138	208-782-7
08.071	23	100-09-4	p-Anisic acid	3945	10077	202-818-5
08.072	03	3724-65-0	But-2-enoic acid (cis and trans)	3908	10080	223-077-4
08.073	03	3913-85-7	Dec-2-enoic acid	3913	10087	223-475-8
08.074	04	15469-77-9	Dec-3-enoic acid		10088	239-489-2
08.075	04	26303-90-2	Dec-4-enoic acid	3914	10089	247-599-7
08.076	23	89-86-1	2,4-Dihydroxybenzoic acid	3798		201-946-9
08.077	09	4324-38-3	3-Ethoxypropionic acid		10096	224-357-9
08.078	02	149-57-5	2-Ethylhexanoic acid			205-743-6
08.079	02	16493-80-4	4-Ethyl octanoic acid	3800		240-560-5
08.080	23	149-91-7	Gallic acid		10170	205-749-9
08.081	03	459-80-3	Geranic acid		10094	207-299-9
08.082	09	110-94-1	Glutaric acid			203-817-2
08.083	03	18999-28-5	Hept-2-enoic acid	3277	10102	242-738-8
08.084	04	29901-85-7	Hept-3-enoic acid		10103	249-943-1
08.085	03	110-44-1	Hexa-2,4-dienoic acid	3921		203-768-7
08.086	30	1113-60-6	3-Hydroxy-2-oxopropionic acid	3843		
08.087	23	530-57-4	4-Hydroxy-3,5-dimethoxybenzoic acid		10111	208-486-8
08.088	22	530-59-6	4-Hydroxy-3,5-dimethoxycinnamic acid			208-487-3
08.089	22	1135-24-6	4-Hydroxy-3-methoxycinnamic acid		10113	214-490-0

FL No	Synonyms	Systematic name	Comments
08.047	2-Methyloenanthic acid; Methylamylacetic acid; Isocaprylic acid; Isooctanoic acid		
08.048	Allyl acetic acid		
08.049	Glycollic acid phenyl ether; Phenoxyethanoic acid; o-Phenylglycolic acid;		
08.050			
08.051	2-Oxoisovaleric acid; Dimethylpyruvic acid		
08.052	2-Keto-4-methyl-pentanoic acid; 4-Methyl-2-oxopentanoic acid; alpha-Ketoisocaproic acid; Isopropyl pyruvic acid		
08.053	Methanedicarboxylic acid; Propane dioic acid; Propan 1,3-dioic acid;	Propanedioic acid	1
08.054	β-Propylacrylic acid; 3-Propylacrylic acid		5
08.055	3-Ethyl-2-methylacrylic acid; 2-Pentene-2-carboxylic acid; 2-Propylidinepropionic acid		
08.056	Sec-butyl acetic acid; 2-Methyl-butane-1-carboxylic acid; β-Methylvaleric acid;		
08.057	Isohexanoic acid; Isocaproic acid; 4-Methyl pentanoic acid;		
08.058			
08.059			
08.060			
08.061	Isoheptanoic acid; Isovenanthic acid; Isoamyl acetic acid		
08.062	4-Methylpelargonic acid		
08.063			
08.064	Tiglic acid; 2-Methyl crotonic acid; 2-Methyl-2-butenic acid; trans-2,3-Dimethyl-acrylic acid	Methylbut-2(trans)-enoic acid	5
08.065			
08.066	Ketobutyric acid; Alpha-Ketobutyric acid;		
08.067	4-Isopropyl-3-cyclohexene-1-carboxylic acid; 3-Cyclohexene-1-carboxylic acid, 4-(1-methylethyl)-, (±)-;	1-(4-Isopropylcyclohex-3-enyl) carboxylic acid	
08.068			
08.070	3,3-Dimethyl-acrylic acid; 3-Methyl-but-2-enoic acid; β,β-Dimethylacrylic acid; Senecioic acid	3-Methylbut-2(trans)-enoic acid	
08.071	4-Anisic acid; Draconic acid; p-Methoxybenzoic acid	4-Methoxybenzoic acid	
08.072	Crotonic acid (trans) + isoCrotonic acid (cis)		5
08.073	2-Decenoic acid		5
08.074	3-Decenoic acid		
08.075	4-Decenoic acid		
08.076			
08.077			
08.078			
08.079			
08.080	3,4,5-Trihydroxybenzoic acid;	3,4,5-trihydroxybenzoic acid	1
08.081	3,7- Dimethyl-2(trans),6-octadienoic acid; 3,7-dimethylocta-2,6-dienoic acid	3,7-dimethyl-2(trans),6-Octadienoic acid	
08.082		Pentanedioic acid	1
08.083			5
08.084			
08.085			5
08.086	Propanoic acid, 3-hydroxy-2-oxo-; 3-Hydroxy-2-oxopropanoic acid		
08.087	Syringic acid		
08.088	Sinapic acid	3-(4-Hydroxy-3,5-dimethoxyphenyl)prop-2-enoic acid	
08.089	Ferulic acid	3-(4-Hydroxy-3-methoxyphenyl)prop-2-enoic acid	

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
08.090	09	498-36-2	2-Hydroxy-4-methylvaleric acid		10118	207-860-8
08.091	04	506-32-1	Icosa-5,8,11,14-tetraenoic acid			208-033-4
08.092	23	586-38-9	3-Methoxybenzoic acid	3944		209-574-9
08.093	09	39748-49-7	3-Methyl-2-oxovaleric acid	3870	10146	254-616-1
08.094	02	24323-24-8	4-Methyldecanoic acid			
08.095	02	5601-60-5	8-Methyldecanoic acid			
08.096	02	3780-58-3	3-Methylhexanoic acid			
08.097	02	1561-11-1	4-Methylhexanoic acid			216-336-8
08.099	03	10321-71-8	4-Methylpent-2-enoic acid			233-706-4
08.100	04	504-85-8	4-Methylpent-3-enoic acid			
08.101	03	3760-11-0	Non-2-enoic acid	3954	10153	223-171-5
08.102	04	4124-88-3	Non-3-enoic acid		10154	223-932-1
08.103	09	123-99-9	Nonanedioic acid		10079	204-669-1
08.105	04	1577-19-1	Oct-3-enoic acid		10157	216-418-3
08.106	04	463-40-1	Octadeca-9,12,15-trienoic acid	3380	695	207-334-8
08.107	03	13991-37-2	Pent-2-enoic acid		10163	237-791-9
08.108	22	492-37-5	2-Phenylpropionic acid		10164	207-752-0
08.109	30	156-06-9	3-Phenylpyruvic acid	3892		205-847-1
08.110	30	88-99-3	Phthalic acid			201-873-2
08.111	30	36413-60-2	Quinic acid			253-023-5
08.112	23	69-72-7	Salicylic acid		10165	200-712-3
08.113	09	150-90-3	Succinic acid, disodium salt	3277	24	203-740-4
08.114	03	1871-67-6	2-Octenoic acid	3957	10156	216-001-6
08.115	02	3302-03-2	4-Methylheptanoic acid			
08.118	09	110-16-7	cis-2-Butenedioic acid			203-742-5
08.119	03	1191-04-4	2-Hexenoic acid	3169	11777	214-727-8
08.120	03	13201-46-2	2-Methyl-2-butenic acid	3599	10168	236-167-3
08.122	04	1617-32-9	trans-3-Pentenoic acid			216-573-7
08.123	03	10352-88-2	trans-2-Heptenoic acid	3920		233-769-8
08.124	04	28163-84-0	trans-3-Heptenoic acid			248-876-5
08.125	04	5163-67-7	trans-3-Octenoic acid			225-941-6
08.126	03	32466-55-0	trans-2-Tridecenoic acid			251-062-2
08.127	22		2-(4-Methoxyphenoxy)propionic acid			
08.128	03		2-Methylbut-2(cis)-enoic acid			
09.001	01	141-78-6	Ethyl acetate	2414	191	205-500-4
09.002	01	109-60-4	Propyl acetate	2925	192	203-686-1
09.003	05	108-21-4	Isopropyl acetate	2926	193	203-561-1
09.004	01	123-86-4	Butyl acetate	2174	194	204-658-1
09.005	02	110-19-0	Isobutyl acetate	2175	195	203-745-1
09.006	01	142-92-7	Hexyl acetate	2565	196	205-572-1
09.007	01	112-14-1	Octyl acetate	2806	197	203-939-6
09.008	01	143-13-5	Nonyl acetate	2788	198	205-585-8
09.009	01	112-17-4	Decyl acetate	2367	199	203-942-2

FL No	Synonyms	Systematic name	Comments
08.090			
08.091	Arachidonic acid		
08.092	m-Anisic acid; 3-Anisic acid		
08.093	Methyl ethyl pyruvic acid; Sodium 3-methyl-2-oxopentanoic acid		
08.094			
08.095			
08.096			
08.097			
08.099	4-methylpent-2-en-1-oic acid		
08.100			
08.101			5
08.102			
08.103	Azelaic acid		
08.105			
08.106	Linolenic acid		5
08.107			5
08.108	Hydratropic-acid-		
08.109	3-Phenyl-2-oxopropanoic acid	3-Oxo-3-phenylpropanoic acid	
08.110	o-Dicarboxybenzene; o-Benzenedicarboxylic acid;	1,2-Benzenedicarboxylic acid	1
08.111	1,3,4,5-tetrahydroxycyclohexanecarboxylic acid	1,3,4,5-tetrahydroxy cyclohexane-1-carboxylic acid	
08.112	2-Hydroxybenzoic acid;	2-Hydroxy-benzoic acid	
08.113			5
08.114	Trans-2-Octenoic acid	Oct-2-enoic acid	5
08.115			
08.118	Maleic acid		
08.119			5
08.120			5
08.122			
08.123			
08.124			
08.125			
08.126			
08.127	Lactisol		
08.128	Angelic acid		
09.001	Acetic ether		
09.002	Propyl ethanoate		
09.003	Propyl iso acetate		
09.004	Butyl ethanoate		
09.005	Butyl iso acetate; 2-Methyl-1-propyl acetate; Iso-butyl acetate	2-Methylpropyl acetate	
09.006	Hexyl ethanoate; 1-Acetoxy-hexane,		
09.007	Acetate C-8; n-Octanyl acetate; 2-Ethyl hexyl acetate; Octyl ethanoate		
09.008	Acetate C-9; Pelargonyl acetate; Nonyl ethanoate		
09.009	Acetate C-10; Decyl ethanoate; Decanyl acetate; 1-Acetoxydecane; Acetic acid decyl ester; Decanol acetate		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.010	01	112-66-3	Dodecyl acetate	2616	200	203-995-1
09.011	03	105-87-3	Geranyl acetate	2509	201	203-341-5
09.012	04	150-84-5	Citronellyl acetate	2311	202	205-775-0
09.013	06	115-95-7	Linalyl acetate	2636	203	204-116-4
09.014	23	140-11-4	Benzyl acetate	2135	204	205-399-7
09.015	06	80-26-2	alpha-Terpinyl acetate	3047	205	201-265-7
09.016	08	29066-34-0	Menthyl acetate	2668	206	240-459-6
09.017	08	76-49-3	Bornyl acetate	2159	207	200-964-4
09.018	22	103-54-8	Cinnamyl acetate	2293	208	203-121-9
09.019	23	104-21-2	p-Anisyl acetate	2098	209	203-185-8
09.020	18	93-28-7	Eugenyl acetate	2469	210	202-235-6
09.021	01	628-63-7	Pentyl acetate		211	211-047-3
09.022	01	112-06-1	Heptyl acetate	2547	212	203-932-8
09.023	01	79-20-9	Methyl acetate	2676	213	201-185-2
09.024	02	123-92-2	Isopentyl acetate	2055	214	204-662-3
09.025	02	10031-87-5	2-Ethylbutyl acetate	2425	215	233-095-4
09.026	22	7493-78-9	alpha-Pentylcinnamyl acetate	2064	216	231-339-4
09.027	08	622-45-7	Cyclohexyl acetate	2349	217	210-736-6
09.028	07	21722-83-8	2-Cyclohexylethyl acetate	2348	218	2266952
09.029	06	103-07-1	1,1-Dimethyl-3-phenylpropyl acetate	2735	219	203-077-0
09.030	17	93-29-8	2-Methoxy-4-(prop-1-enyl)phenyl acetate	2470	220	202-236-1
09.031	15	103-45-7	Phenethyl acetate	2857	221	203-113-5
09.032	22	122-72-5	3-Phenylpropyl acetate	2890	222	204-569-8

FL No	Synonyms	Systematic name	Comments
09.010	Lauryl acetate; Acetate C-12; Dodecanyl acetate; Lauryl ethanoate; Dodecanyl ethanoate		
09.011	Geraniol acetate; trans-3,7-Dimethyl-2,6-octadien-1-yl acetate; 2,6-Dimethyl-2,6-octadiene-8-yl acetate	3,7-Dimethylocta-2(trans), 6-dienyl acetate	
09.012	3,7-Dimethyl-6-octen-1-yl acetate; 3,7-Dimethyl-6-octen-1-yl ethanoate	3,7-Dimethyloct-6-enyl acetate	
09.013	Bergamol; 3,7-Dimethyl-1,6-octadien-3-yl acetate, Licareol acetate, Linalool acetate	1,5-Dimethyl-1-vinylhex-4-enyl acetate	
09.014	Benzyl ethanoate		
09.015	3-Cyclohexene-1-methanol, alpha,alpha, 4-trimethyl, acetate;	p-Menth-1-en-8-yl acetate	5
09.016	l-p-Menth-3-yl acetate; Menthol acetate; 1-Isopropyl-4-methylcyclohex-2-yl acetate;	(1-alpha, 2-beta, 5-alpha)-2-Isopropyl-5-methylcyclohexyl acetate	4
09.017	Borneol acetate; 2-Camphanyl acetate; Bornyl ethanoate; l-Bornyl acetate; d-Bornyl acetate; Bornyl acetic ether;	1,7,7-Trimethyl-bicyclo[2.2.1]hept-2-yl acetate	
09.018	3-Phenyl-2-propen-1-yl acetate; 3-Phenylallyl acetate;	3-Phenylprop-2-enyl acetate	
09.019	Benzenemethanol, 4-methoxy-, acetate; Anisyl alcohol, acetate; Benzyl alcohol, p-Methoxy, acetate;	4-Methoxybenzyl acetate	
09.020	Eugenol acetate; Aceteugenol; 2-Methoxy-4-phenyl acetate; Acetyl eugenol;	4-Allyl-2-methoxyphenyl acetate	
09.021	Amyl acetate		
09.022	Acetate C-7; Heptanyl acetate; Heptyl ethanoate,		
09.023	Methyl ethanoate;		
09.024	Isoamyl acetate; beta-Methyl butyl acetate; Amyl acetate common; Amyl iso acetate; Isoamyl ethanoate	3-Methylbutyl acetate	
09.025	beta-Ethylbutyl acetate		
09.026	alpha-n-Amyl-beta-phenylacryl acetate; alpha-Pentylcinnamyl acetate; Floxin acetate	2-Pentyl-3-phenylprop-2-enyl acetate	
09.027	Cyclohexane acetate;		
09.028	Cyclohexane ethyl acetate; Ethylcyclohexyl acetate; Hexahydrophenyl ethyl acetate		
09.029	Dimethyl phenethyl carbiny l acetate; 1,1-Dimethyl-3-phenylpropan-1-yl acetate; 2-Methyl-4-phenyl-2-butyl acetate		
09.030	Isoeugenyl acetate; Isoeugenol acetate; 2-Methoxy-4-propenyl phenyl acetate; Acetisoeugenol		
09.031	2-Phenylethyl acetate; Benzyl carbiny l acetate;		
09.032	Phenylpropyl acetate; 3-phenyl-1-propyl acetate; Hydrocinnamyl acetate; beta-Phenylpropyl acetate		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.033	04	141-11-7	Rhodinyl acetate	2981	223	205-458-7
09.034	07	1323-00-8	Santalyl acetate	3007	224	2153496
09.035	23	881-68-5	Vanillyl acetate	3108	225	212-920-1
09.036	25	140-39-6	p-Tolyl acetate	3073	226	205-413-1
09.037	01	140-88-5	Ethyl acrylate	2418	245	205-438-8
09.038	01	623-42-7	Methyl butyrate	2693	263	210-792-1
09.039	01	105-54-4	Ethyl butyrate	2427	264	203-306-4
09.040	01	105-66-8	Propyl butyrate	2934	266	203-320-0
09.041	05	638-11-9	Isopropyl butyrate	2935	267	211-320-7
09.042	01	109-21-7	Butyl butyrate	2186	268	203-656-8
09.043	02	539-90-2	Isobutyl butyrate	2187	269	208-729-8
09.044	01	540-18-1	Pentyl butyrate	2059	270	208-739-2
09.045	01	2639-63-6	Hexyl butyrate	2568	271	220-136-6
09.046	01	110-39-4	Octyl butyrate	2807	272	203-762-4
09.047	01	5454-09-1	Decyl butyrate	2368	273	226-700-8
09.048	03	106-29-6	Geranyl butyrate	2512	274	203-381-3
09.049	04	141-16-2	Citronellyl butyrate	2312	275	205-463-4
09.050	06	78-36-4	Linalyl butyrate	2639	276	201-109-8
09.051	23	103-37-7	Benzyl butyrate	2140	277	203-105-1
09.052	06	2153-28-8	Terpinyl butyrate	3049	278	218-445-6
09.053	22	103-61-7	Cinnamyl butyrate	2296	279	203-128-7
09.054	03	2051-78-7	Allyl butyrate	2021	280	218-129-8

FL No	Synonyms	Systematic name	Comments
09.033	alpha-Citronellyl acetate	3,7-Dimethyloct-7-enyl acetate	
09.034	alpha-Santalol, acetate; ß-Santalol, acetate;		4
09.035	Acetyl vanillin; Benzaldehyde, 4-(acetyloxy)-3-methoxy-; 3-Methoxy-4-acetoxybenzaldehyde;	4-Acetoxy-3-methoxybenzaldehyde	
09.036	p-Cresyl acetate; 4-methylbenzoic acid methyl ester; Acetyl p-Cresol; p-Tolyl ethanoate; p-Cresylic acetate	4-Methylphenyl acetate	
09.037	Ethyl propenoate	Ethyl prop-2-enoate	
09.038	Methyl butanoate		
09.039	Ethyl n-butanoate; Butyric ether; Ethyl butanoate		
09.040	Propyl butanoate		
09.041	Propyl iso butyrate; Propyl iso butanoate; Isopropyl butanoate		
09.042	Butyl butanoate		
09.043	Butyl iso butyrate; 2-Methyl-1-propyl butyrate; Isobutyl butanoate	2-Methylpropyl butanoate	
09.044	Amyl butyrate; Amyl butanoate		
09.045	n-Hexyl n-butanoate; Hexyl butanoate		
09.046	Octyl butanoate,		
09.047	Decyl butanoate; 1-Butyroxy decane,		
09.048	trans-3,7-Dimethyl-2,6-octadien-1-yl butanoate	3,7-Dimethylocta-2(trans), 6-dienyl butanoate	
09.049	3,7-Dimethyl-6-octen-1-yl butyrate	3,7-Dimethyloct-6-enyl butanoate	
09.050	3,7-Dimethyl-1,6-octadien-3-yl butyrate; Linalyl n-butyrate	1,5-Dimethyl-1-vinylhex-4-enyl butanoate	
09.051	Benzyl n-butyrate; Benzyl n-butanoate; Benzyl butanoate;		
09.052	p-Menth-1-en-8-yl butyrate; p-Menth-1-en-8-ol butyrate;	p-Menth-1-en-8-yl butanoate	
09.053	Phenylpropenyl-n-butyrate; 3-Phenyl-2-propen-1-yl butanoate; Butyric acid, 3-phenyl-2-propen-1-yl ester;	3-Phenylprop-2-enyl butanoate	
09.054	Allyl-n-butyrate; Vinyl carbinyl butyrate; 2-Propen-1-yl butanoate; Allyl butanoate;		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.055	02	106-27-4	3-Methylbutyl butyrate	2060	282	203-380-8
09.057	22	80866-83-7	2-Phenylpropyl butyrate	2891	285	279-587-2
09.058	23	6963-56-0	p-Anisyl butyrate	2100	286	230-163-5
09.059	01	110-38-3	Ethyl decanoate	2432	309	203-761-9
09.060	01	123-66-0	Ethyl hexanoate	2439	310	204-640-3
09.061	01	626-77-7	Propyl hexanoate	2949	311	210-963-0
09.062	05	2311-46-8	Isopropyl hexanoate	2950	312	219-000-9
09.063	01	626-82-4	Butyl hexanoate	2201	313	210-964-6
09.064	02	105-79-3	Isobutyl hexanoate	2202	314	203-332-6
09.065	01	540-07-8	Pentyl hexanoate	2074	315	208-732-4
09.066	01	6378-65-0	Hexyl hexanoate	2572	316	228-952-4
09.067	03	10032-02-7	Geranyl hexanoate	2515	317	233-102-0
09.068	06	7779-23-9	Linalyl hexanoate	2643	318	231-922-3
09.069	01	106-70-7	Methyl hexanoate	2708	319	203-425-1
09.070	02	2198-61-0	3-Methylbutyl hexanoate	2075	320	218-600-8
09.071	22	6281-40-9	3-Phenylpropyl hexanoate	2896	321	228-490-3
09.072	01	109-94-4	Ethyl formate	2434	339	203-721-0
09.073	01	110-74-7	Propyl formate	2943	340	203-798-0
09.074	01	112-23-2	Heptyl formate	2552	341	203-949-0

FL No	Synonyms	Systematic name	Comments
09.055	Isoamyl butyrate; Isoamyl n-butyrate		
09.057	alpha-Phenylpropyl alcohol, butyric ester; beta-methylphenethyl butyrate; Hydratropyl butyrate		
09.058	Benzyl alcohol, p-methoxy, butyrate; Butyric acid, p-methoxybenzyl ester;	4-Methoxybenzyl butanoate	
09.059	Ethyl caprate; Ethyl decylate; Ethyl caprinate		
09.060	Ethyl caproate; Capronic ether absolute; Ethyl capronate		
09.061	Propyl caproate;		
09.062	Propyl iso hexanoate; Propyl iso Hexylate; Isopropyl capronate; Isopropyl caproate		
09.063	Butyl caproate;		
09.064	Isobutyl caproate; Butyl iso hexanoate; Butyl iso caproate	2-Methylpropyl hexanoate	
09.065	Amyl hexanoate; Amyl caproate; Pentyl caproate,		
09.066	Hexyl caproate;		
09.067	Geranyl caproate; trans-3,7-Dimethyl-2,6-octadien-1-yl hexanoate	3,7-Dimethylocta-2(trans), 6-dienyl n-hexanoate	
09.068	3,7-Dimethyl-1,6-octadien-3-yl hexanoate; Linalyl caproate; Linalyl hexoate; Linelyl hexylate	1,5-Dimethyl-1-vinylhex-4-enyl hexanoate	
09.069	Methyl caproate;		
09.070	Isoamyl hexanoate; Isoamyl caproate; Isopentyl n-hexanoate; Pentyl iso hexanoate; Pentyl iso caproate Isopentyl hexanoate		
09.071	Hydrocinnamyl hexanoate; Hydrocinnamylcaproate; 3-Phenylpropyl caproate;		
09.072	Ethyl methanoate; Formic ether		
09.073	Propyl methanoate		
09.074	n-Heptyl methanoate; Heptyl methanoate;		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.075	01	112-32-3	Octyl formate	2809	342	203-959-5
09.076	03	105-86-2	Geranyl formate	2514	343	203-339-4
09.077	23	104-57-4	Benzyl formate	2145	344	203-214-4
09.078	04	105-85-1	Citronellyl formate	2314	345	203-338-9
09.079	04	141-09-3	Rhodinyl formate	2984	346	205-456-6
09.080	06	115-99-1	Linalyl formate	2642	347	204-120-6
09.081	06	2153-26-6	alpha-Terpinyl formate	3052	348	218-444-0
09.082	08	7492-41-3	Bornyl formate	2161	349	231-319-5
09.083	15	104-62-1	Phenethyl formate	2864	350	203-220-7
09.084	22	104-64-3	3-Phenylpropyl formate	2895	351	203-222-8
09.085	22	104-65-4	Cinnamyl formate	2299	352	203-223-3
09.086	06	10058-43-2	2-Methyl-1-phenyl-2-propyl formate	2395	353	
09.087	23	122-91-8	p-Anisyl formate	2101	354	204-582-9
09.088	18	10031-96-6	4-Eugenyl formate	2473	355	233-099-6
09.089	17	7774-96-1	Isoeugenyl formate	2474	356	231-884-8
09.090	22	7493-79-0	alpha-Pentylcinnamyl formate	2066	357	231-341-5
09.091	01	5454-28-4	Butyl heptanoate	2199	363	226-707-6
09.092	02	7779-80-8	Isobutyl heptanoate	2200	364	231-940-1
09.093	01	106-30-9	Ethyl heptanoate	2437	365	203-382-9
09.094	01	5132-75-2	Octyl heptanoate	2810	366	225-882-6
09.095	01	7778-87-2	Propyl heptanoate	2948	367	231-917-6
09.096	01	106-73-0	Methyl heptanoate	2705	368	203-428-8
09.097	03	142-19-8	Allyl heptanoate	2031	369	205-527-1
09.098	01	7493-82-5	Pentyl heptanoate	2073	370	231-342-0

FL No	Synonyms	Systematic name	Comments
09.075	Octyl mehtanoate;		
09.076	trans-3,7-Dimethyl-2,6-octadien-1-yl formate; trans-3,7-Dimethyl-2,6-octadien-1-yl-methanoate; Geranyl methanoate	3,7-Dimethylocta-2(trans),6-dienyl formate	
09.077	Formic acid benzyl ester; Benzyl methanoate;		
09.078	3,7-Dimethyl-6-octen-1-yl formate; 3,7-Dimethyl-6-octen-1-yl methanoate	3,7-Dimethyloct-6-enyl formate	
09.079	alpha-Citronellyl formate	3,7-Dimethyloct-7-enyl formate	
09.080	3,7-Dimethyl-1,6-octadien-3-yl formate; Linalool formate	1,5-Dimethyl-1-vinylhex-4-enyl formate	
09.081	p-Menth-1-en-8-yl formate;		
09.082	Bornyl methanoate; Borneol formate; d-Bornyl formate; endo-2-Bornanyl formate; 2-Camphanyl formate; l-Bornyl formate;	1,7,7-Trimethyl-bicyclo[2.2.1]hept-2-yl formate	
09.083	2-Phenylethyl formate; 2-Phenylethyl methanoate; Benzylcarbiny l formate; Benzylcarbiny l methanoate		
09.084	Phenylpropyl formate; Hydrocinnamyl formate; Hydrocinnamyl methanoate; beta-Phenylpropyl formate;		
09.085	3-Phenyl-2-propen-1-yl formate; 3-Phenylallyl formate; Cinnamyl methanoate;	3-Phenylprop-2-enyl formate	
09.086	alpha,alpha-dimethylphenethyl formate; 2-Benzyl-2-propyl formate; Benzyl dimethyl carbinyl formate; Dimethyl benzyl carbinyl formate		
09.087	Anisyl alcohol, formate; Anisyl methanoate; p-Methoxybenzyl methanoate; Benzenemethanol, 4-methoxy-, formate;	4-Methoxybenzyl formate	
09.088	Eugenol formate	4-Allyl-2-methoxyphenyl formate	
09.089	4-Methoxy-4-phenyl formate; 2-Methoxy-4-propenylphenyl formate;	2-Methoxy-4-(prop-1-enyl)phenyl formate	
09.090	alpha-n-Amyl-phenylacryl formate; alpha-Pentylcinnamyl formate	2-Pentyl-3-phenylprop-2-enyl formate	
09.091	Butyl heptylate; Butyl oenanthate,		
09.092	Isobutyl heptylate; Butyl iso heptanoat; Isobutyl heptoate; 2-Methyl-1-propyl heptanoate	2-Methylpropyl heptanoate	
09.093	Ethyl heptylate; Ethyl heptoate; Ethyl oenanthate; Oenanthic ester		
09.094	Octyl heptylate; Octyl oenanthate,		
09.095	Propyl heptylate; Propyl heptoate; Propyl oenanthate		
09.096	Methyl heptoate; Methyl oenanthate,		
09.097	Allyl heptylate; Allyl heptoate; Allyl enanthate; Allyl oenanthate;		
09.098	Amyl heptanoate; Amyl heptylate; Amyl heptoate; Amyl oenanthate,		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.099	01	106-33-2	Ethyl dodecanoate	2441	375	203-386-0
09.100	01	106-18-3	Butyl dodecanoate	2206	376	203-370-3
09.101	01	111-82-0	Methyl dodecanoate	2715	377	203-911-3
09.102	25	10024-57-4	p-Tolyl dodecanoate	3076	378	233-024-7
09.103	02	6309-51-9	3-Methylbutyl dodecanoate	2077	379	228-626-1
09.104	01	124-06-1	Ethyl tetradecanoate	2445	385	204-675-4
09.105	05	110-27-0	Isopropyl tetradecanoate	3556	386	203-751-4
09.106	01	124-10-7	Methyl tetradecanoate	2722	387	204-680-1
09.107	01	123-29-5	Ethyl nonanoate	2447	388	204-615-7
09.108	01	1731-84-6	Methyl nonanoate	2724	389	217-052-7
09.109	03	7493-72-3	Allyl nonanoate	2036	390	231-334-7
09.110	02	7779-70-6	3-Methylbutyl nonanoate	2078	391	231-933-3
09.111	01	106-32-1	Ethyl octanoate	2449	392	203-385-5
09.112	01	638-25-5	Pentyl octanoate	2079	393	211-328-0
09.113	01	1117-55-1	Hexyl octanoate	2575	394	214-247-9
09.114	01	2306-88-9	Octyl octanoate	2811	395	218-980-5
09.115	01	7786-48-3	Nonyl octanoate	2790	396	232-099-3
09.116	06	10024-64-3	Linalyl octanoate	2644	397	233-026-8
09.117	01	111-11-5	Methyl octanoate	2728	398	203-835-0
09.118	01	4265-97-8	Heptyl octanoate	2553	399	224-252-8
09.119	03	4230-97-1	Allyl octanoate	2037	400	224-184-9
09.120	02	2035-99-6	3-Methylbutyl octanoate	2080	401	218-004-8
09.121	01	105-37-3	Ethyl propionate	2456	402	203-291-4
09.122	01	106-36-5	Propyl propionate	2958	403	203-389-7
09.123	05	637-78-5	Isopropyl propionate	2959	404	211-300-8
09.124	01	590-01-2	Butyl propionate	2211	405	209-669-5

FL No	Synonyms	Systematic name	Comments
09.099	Ethyl laurate; Ethyl dodecylate;		
09.100	Butyl laurate; Butyl dodecylate		
09.101	Methyl laurate; Methyl dodecylate,		
09.102	p-Cresyl dodecanoate; p-Cresyl laurate; p-Methylphenyl dodecanoate;	4-Methylphenyl dodecanoate	
09.103	Isoamyl laurate; Isoamyl dodenanoate; Amyl iso laurate; Pentyl iso laurate; Isopentyl laurate,		
09.104	Ethyl myristate;		
09.105	Isopropyl myristate;		
09.106	Methyl myristate;		
09.107	Ethyl pelargonate; Ethyl nonylate		
09.108	Methyl nonylate; Methyl pelargonate,		
09.109	2-Propenyl nonanoate; Allyl pelargonate; Allyl nonylate; 2-Propenyl pelargonate;		
09.110	Isoamyl pelargonate; Pentyl iso nononoate; Isopentyl nonanoate; Amyl iso nonanoate; Isopentyl nonylate; Isoamyl nonylate		
09.111	Ethyl caprylate; Ethyl octylate		
09.112	Amyl octanoate; Amyl caprylate; Amyl octylate; Pentyl octylate,		
09.113	Hexyl caprylate; Hexyl octylate,		
09.114	Octyl octylate		
09.115	Nonyl octylate		
09.116	3,7-Dimethyl-1,6-octadien-3-yl octanoate; Linalyl caprylate; Linalyl octoate; Linalyl octylate	1,5-Dimethyl-1-vinylhex-4-enyl octanoate	
09.117	Methyl octylate		
09.118	Heptyl caprylate		
09.119	Allyl caprylate; 2-Propenyl octanoate; 2-Propenyl octylate; Allyl octylate		
09.120	Isoamyl octanoate; Isopentyl octanoate; Pentyl iso octanoate; Isoamyl caprylate; Isopentyl octylate		
09.121	Ethyl propanoate, Propionic ether		
09.122	Propyl propanoate; n-Propyl propionate;		
09.123	Propyl iso propionate,		
09.124	Butyl propanoate		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.125	02	540-42-1	Isobutyl propionate	2212	406	208-746-0
09.126	01	142-60-9	Octyl propionate	2813	407	205-548-6
09.127	01	5454-19-3	Decyl propionate	2369	408	226-703-4
09.128	03	105-90-8	Geranyl propionate	2517	409	203-344-1
09.129	04	141-14-0	Citronellyl propionate	2316	410	205-461-3
09.130	06	144-39-8	Linalyl propionate	2645	411	205-627-5
09.131	08	2756-56-1	Isobornyl propionate	2163	412	220-410-5
09.132	23	122-63-4	Benzyl propionate	2150	413	204-559-3
09.133	22	103-56-0	Cinnamyl propionate	2301	414	203-124-5
09.134	01	554-12-1	Methyl propionate	2742	415	209-060-4
09.135	01	624-54-4	Pentyl propionate		416	210-852-7
09.136	02	105-68-0	3-Methylbutyl propionate	2082	417	203-322-1
09.137	15	122-70-3	Phenethyl propionate	2867	418	204-567-7
09.138	22	122-74-7	3-Phenylpropyl propionate	2897	419	204-571-9
09.139	01	2445-76-3	Hexyl propionate	2576	420	219-495-1
09.140	08	6222-35-1	Cyclohexyl propionate	2354	421	228-303-5
09.141	04	105-89-5	Rhodinyl propionate	2986	422	203-343-6
09.142	06	80-27-3	Terpinyl propionate	3053	423	201-266-2
09.143	08	97-45-0	Carvyl propionate	2251	424	202-583-9
09.144	21	120-45-6	1-Phenethyl propionate	2689	425	204-397-3
09.145	23	7549-33-9	p-Anisyl propionate	2102	426	231-433-5

FL No	Synonyms	Systematic name	Comments
09.125	Butyl iso propionate; Isobutyl propanoate	2-Methylpropyl propanoate	
09.126	Octyl propanoate		
09.127	Decyl propanoate; 1-Propionoxy decane,		
09.128	trans-3,7-Dimethyl-2,6-octadien-1-yl propionate; 2,6-Dimethyl octadien-6-yl-8-n-propionate	3,7-Dimethylocta-2(trans), 6-dienyl propanoate	
09.129		3,7-Dimethyloct-6-enyl propanoate	
09.130	3,7-Dimethyl-1,6-octadien-3-yl propanoate; 3,7-Dimethyl-1,6-octadien-3-yl propionate	1,5-Dimethyl-1-vinylhex-4-enyl propanoate	
09.131		1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl propanoate	
09.132	Benzyl propanoate; Benzylpropanoate		
09.133	3-Phenyl-2-propen-1-yl propanoate; gamma-Phenylallyl propionate;	3-Phenylprop-2-enyl propanoate	
09.134	Methyl propanoate		
09.135	Pentyl propanoate; Amyl propionate,		
09.136	Isoamyl propionate; Isopentyl propionate; Isopentyl propanate; Isoamyl propanoate,		
09.137	Phenylethyl propionate; 2-Phenylethyl propanoate; Benzylcarbiny l propionate;		
09.138	Phenylpropyl propionate; Hydrocinnamyl propionate; beta-Phenylpropyl propanoate; 3-Phenylpropyl propanoate;		
09.139	Hexyl propanoate,		
09.140			
09.141	alpha-Citronellyl propionate	3,7-Dimethyloct-7-enyl propanoate	
09.142	p-Menthanyl propionate (mixed isomers - according to FEMA); p-Menth-1-en-8-yl propionate	p-Menth-1-en-8-yl propanoate	
09.143	l-Carveol propionate; p-Mentha-6,8-dien-2-yl propionate;	p-Mentha-6,8-dien-2-yl propanoate	
09.144	alpha-Methylbenzyl propionate; 1-Phenyl-1-ethyl propionate; Methyl phenylcarbiny l propionate		
09.145	Benzenemethanol, 4-methoxy-, propionate;	4-Methoxybenzyl propanoate	

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.146	03	7493-76-7	Allyl undec-10-enoate	2044	441	231-337-3
09.147	01	539-82-2	Ethyl valerate	2462	465	208-726-1
09.148	01	591-68-4	Butyl valerate	2217	466	209-728-5
09.149	01	2173-56-0	Pentyl valerate		467	218-528-7
09.150	03	10402-47-8	Geranyl valerate		468	233-869-1
09.151	04	7540-53-6	Citronellyl valerate	2317	469	231-416-2
09.152	23	10361-39-4	Benzyl valerate		470	233-789-7
09.153	08	7549-41-9	Bornyl valerate	2164	471	231-435-6
09.154	08	89-47-4	Menthyl valerate		472	201-910-2
09.156	01	111-80-8	Methyl 2-nonynoate	2726	479	203-909-2
09.157	01	10031-92-2	Ethyl 2-nonynoate	2448	480	233-098-0
09.158	01	111-12-6	Methyl 2-octynoate	2729	481	203-836-6
09.159	01	638-49-3	Pentyl formate	2068	497	211-340-6
09.160	08	4351-54-6	Cyclohexyl formate	2353	498	224-415-3
09.161	01	629-33-4	Hexyl formate	2570	499	211-087-1
09.162	02	110-45-2	3-Methylbutyl formate	2069	500	203-769-2
09.163	01	592-84-7	Butyl formate	2196	501	209-772-5
09.164	02	542-55-2	Isobutyl formate	2197	502	208-818-1
09.165	05	625-55-8	Isopropyl formate	2944	503	210-901-2
09.166	01	5870-93-9	Heptyl butyrate	2549	504	227-526-5
09.167	03	999-40-6	Neryl butyrate	2774	505	213-660-1
09.168	15	103-52-6	Phenethyl butyrate	2861	506	203-119-8
09.169	03	105-91-9	Neryl propionate	2777	509	203-345-7
09.171	08	77-54-3	Cedryl acetate		527	201-036-1

FL No	Synonyms	Systematic name	Comments
09.146	Allyl undecylenate; 2-Propenyl 10-undecenoate; Allyl hendecenoate; Allyl undecylenoate.		
09.147	Ethyl pentanoate; Ethyl valerianate		
09.148	Butyl valerianate; Butyl pentanoate,		
09.149	Amyl pentanoate; Amyl valerate,		
09.150	Geranyl pentanoate; 2,6-Dimethyl-2,6-octadiene-8-yl pentanoate	3,7-Dimethylocta-2(trans),6-dienyl pentanoate	
09.151	3,7-Dimethyl-6-octen-1-yl pentanoate	3,7-Dimethyloct-6-enyl pentanoate	
09.152	Benzyl valerate; Benzyl pentanoate; Phenyl methyl pentanoate		
09.153	Bornyl pentanoate; Bornyl valerianate; Bornyl n-pentanoate; endo-2-Camphanyl valerate; endo-2-Bornyl valerate;	1,7,7-Trimethyl-bicyclo[2.2.1]hept-2-yl pentanoate	
09.154	Menthyl pentanoate	p-Menthan-3-yl pentanoate	
09.156	Methyl octine carbonate; Methyl octyne carbonate;		
09.157	Ethyl octyine carbonate; Ethyl octyne carboxylate; Ethyl non-2-ynoate; Ethyl hexyl propiolate		
09.158	Methyl heptine carbonate; Methyl heptyne carbonate; Methyl oct-2-ynoate; Methyl pentylpropiolate		
09.159	Amyl formate; Amyl formiat; Amyl methanoate; n-Pentyl methanoate		
09.160			
09.161	n-Hexyl formate; Hexyl methanoate; Formic acid hexyl ester		
09.162	Isoamyl formate; Isopentyl formate; Amyl iso formate; Pentyl iso formate; Isopentyl methanoate; Amyl iso methanoate; Isoamyl methanoate		
09.163	Butyl methanoate		
09.164	Tetryl formate; Butyl iso formate; Isobutyl methanoate; 2-Methyl-1-propyl formate	2-Methylpropyl formate	
09.165	Propyl iso formate; Propyl iso Methanoate; Isopropyl methanoate		
09.166	Heptyl butanoate		
09.167	cis-3,7-Dimethyl-2,6-octadien-1-yl butanoate	3,7-Dimethyl-2(cis), 6-octadienyl butanoate	
09.168	beta-Phenethyl n-butanoate; 2-Phenylethyl butanoate; 2-Phenylethyl butyrate; Benzylcarbiny l butyrate;		
09.169	cis-3,7-Dimethyl-2,6-octadien-1-yl propionate	3,7-Dimethyl-2(cis), 6-octadienyl propanoate	
09.171		2,6,6,8-Tetramethyl-tri-cyclo[5.3.1.0(1.5)]undecan-8-yl acetate	

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.172	08	6243-10-3	Cyclohexyl hexanoate		528	228-354-3
09.174	25	613-70-7	2-Methoxyphenyl acetate	3687	552	210-350-8
09.175	08	58479-55-3	Isobornyl butyrate		564	261-281-5
09.176	08	1200-67-5	Isobornyl formate	2162	565	214-853-3
09.177	03	7149-29-3	2-Methylallyl butyrate	2678	572	230-474-6
09.178	21	93-92-5	1-Phenethyl acetate	2684	573	202-288-5
09.179	21	7775-38-4	1-Phenethyl formate	2688	574	231-893-7
09.180	01	112-39-0	Methyl hexadecanoate		581	203-966-3
09.181	01	13894-63-8	Methyl hex-2-enoate	2709	583	237-663-2
09.182	01	624-24-8	Methyl valerate	2752	588	210-838-0
09.185	09	592-20-1	2-Oxopropyl acetate		607	209-746-3
09.186	10	4906-24-5	sec-Butan-3-onyl acetate	3526	608	
09.188	01	5933-87-9	Pentyl decanoate		611	227-682-4
09.189	21	10031-86-4	1-Phenylpropyl butyrate	2424	628	233-094-9
09.190	01	1552-67-6	Ethyl hex-2-enoate	3675	631	216-296-1
09.191	01	2396-83-0	Ethyl hex-3-enoate	3342		219-257-7
09.192	01	111-62-6	Ethyl oleate	2450	633	203-889-5
09.193	01	628-97-7	Ethyl hexadecanoate	2451	634	211-064-6
09.194	01	2396-84-1	Ethyl hexa-2,4-dienoate	2459	635	219-258-2
09.196	03	10094-40-3	Hex-2-enyl acetate	2564	643	233-223-9
09.197	04	3681-71-8	Hex-3(cis)-enyl acetate	3171	644	222-960-1
09.198	02	2050-09-1	Isopentyl valerate		648	218-081-8
09.200	21	10415-88-0	1-Methyl-3-phenylpropyl acetate	2882	671	233-890-6
09.201	15	7460-74-4	Phenethyl valerate		673	231-246-9
09.202	01	141-06-0	Propyl valerate		679	205-452-4
09.204	01	544-35-4	Ethyl octadeca-9,12-dienoate		711	208-868-4
09.205	01	1191-41-9	Ethyl octadeca-9,12,15-trienoate		712	214-734-6

FL No	Synonyms	Systematic name	Comments
09.172			
09.174	Guaiacyl acetate; 1-Acetoxy-2-methoxybenzene; Acetyl guaiacol; o-Methoxyphenyl acetate;		
09.175		1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl butanoate	
09.176	Isobornyl methanoate; exo-2-bornyl formate; exo-2-Camphanyl formate;	1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl formate	
09.177	2-Methyl-2-propen-1-yl butyrate; 2-Methylallyl butanoate; Isopropenyl carbinyln-butyrate; Methylallyl butyrate;	2-Methylprop-2-enyl butanoate	
09.178	Styrallyl acetate; alpha-Phenylethyl acetate; methyl phenylcarbinyln acetate; sec-Phenylethyl acetate	1-Phenylethyl acetate	
09.179	alpha-Methylbenzyl formate; 1-Phenyl-1-ethyl formate; Alpha-Methylbenzyl methanoate;		
09.180	Methyl palmitate;		
09.181	Methyl ß-Propylacrylate		
09.182	Methyl pentanoate; Methyl valerianate,		
09.185	Acetonyln acetate;		
09.186	2-Acetoxy-3-butanone; AMC acetate; Acetoin acetate; Acetyl methyl carbinyln acetate; 2-Butanon-3-yl acetate	1-Methyl-2-oxopropyl acetate	
09.188	Amyln caprate, Amyln caprinate,		
09.189	alpha-Ethylbenzyl butyrate; Ethyl phenyl carbinyln butyrate; 1-Phenyl-1-propyl butyrate; alpha-Phenylpropyl butyrate;		
09.190	Ethyl E-2-hexenoate		5
09.191			
09.192	Ethyl cis-9-Octadecenoate	Ethyl octadec-9-enoate	
09.193	Ethyl palmitate; Ethyl cetyl ate		
09.194	Ethyl sorbate; Ethyl 2,4-hexadienoate		
09.196	trans-2-Hexenyl acetate; 2-Hexen-1-yl acetate; 2-Hexenyl ethanoate		5
09.197	cis-3-Hexen-1-yl acetate; cis-3-hexenyl acetate; cis-3-Hexenyl ethanoate		
09.198	Isoamyl pentanoate	3-Methylbutyl pentanoate	
09.200	Methyl phenyl ethyl carbinyln acetate; 4- Phenyl-2-butyl acetate; Phenylethyl methyl carbinyln acetate;		
09.201	Phenethyl pentanoate		
09.202	Propyl pentanoate; Propyl valerate		
09.204	Ethyl linoleate;		
09.205	Ethyl linolenate;		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.208	01	142-77-8	Butyl oleate		741	205-559-6
09.209	01	589-75-3	Butyl octanoate		742	209-659-0
09.210	01	111-61-5	Ethyl octadecanoate	3490	745	203-887-4
09.211	30	60-01-5	Glyceryl tributyrate	2223	747	200-451-5
09.212	03	2142-94-1	Neryl formate	2776	2060	218-401-6
09.213	03	141-12-8	Neryl acetate	2773	2061	2054592
09.214	04	112-19-6	Undec-10-enyl acetate	3096	2062	203-944-3
09.215	08	97-42-7	Carvyl acetate	2250	2063	202-580-2
09.216	08	20777-49-5	Dihydrocarvyl acetate	2380	2064	244-029-9
09.218	08	125-12-2	Isobornyl acetate	2160	2066	204-727-6
09.219	08	57576-09-7	Isopulegyl acetate	2965	2067	260-820-1
09.220	23	326-61-4	Piperonyl acetate	2912	2068	206-312-5
09.224	05	108-84-9	1,3-Dimethylbutyl acetate		2073	203-621-7
09.225	09	1322-17-4	1,3-Nonanediol acetate	2783	2075	215-332-3
09.226	09	7779-54-6	3-Oxononan-1-yl acetate		2076	
09.227	06	151-05-3	1,1-Dimethyl-2-phenethyl acetate	2392	2077	205-781-3
09.228	25	533-18-6	o-Tolyl acetate	3072	2078	208-556-8
09.230	08	1551-44-6	Cyclohexyl butyrate	2351	2082	216-290-9
09.231	21	3460-44-4	1-Phenethyl butyrate	2686	2083	222-409-5
09.232	06	10094-34-5	1,1-Dimethyl-2-phenethyl butyrate	2394	2084	233-221-8
09.233	03	2408-20-0	Allyl propionate	2040	2094	219-307-8
09.234	01	111-79-5	Methyl non-2-enoate	2725	2099	203-908-7
09.235	01	7492-45-7	Butyl dec-2-enoate	2194	2100	
09.236	01	5760-50-9	Methyl undec-9-enoate	2750	2101	227-279-3
09.237	01	692-86-4	Ethyl undec-10-enoate	2461	10634	211-734-8

FL No	Synonyms	Systematic name	Comments
09.208		Butyl octadec-9-enoate	
09.209	Butyl caprylate		
09.210	Ethyl stearate;		
09.211	Tributyrim; Glycerol tributyrate; Butyrim;		1
09.212	cis-3,7-Dimethyl-2,6-octadien-1-yl formate; cis-3,7-Dimethyl-2,6-octadien-1-yl methanoate	3,7-Dimethyl-2(cis), 6-octadienyl formate	
09.213	cis-3,7-Dimethyl-2,6-octadien-1-yl acetate; cis-3,7-Dimethyl-2,6-octadien-1-yl ethanoate	3,7-Dimethyl-2(cis), 6-octadienyl acetate	
09.214	Acetate C-11; 10-Hendecyl acetate; Undecylenic acetate; Undecenyl acetate		
09.215	Carveyl acetate; p-Mentha-6,8-dien-2-yl acetate	p-Mentha-6,8-dien-2-yl acetate	
09.216	6-Methyl-3-(1-methylvinyl)cyclohexyl acetate; Dihydrocarveyl acetate; 8-p-Menthen-2-yl acetate; 6-Methyl-3-isopropenylcyclohexenyl acetate	p-Menth-8-en-2-yl acetate	
09.218	Bornyl iso acetate; exo-2-Camphanyl acetate; Isobornyl ethanoate; exo-2-Bornyl acetate;	1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl acetate	
09.219	5-Methyl-2-isopropenylcyclohexyl acetate; Pulegol iso acetate; 1-Methyl-4-isopropenylcyclohexan-3-yl acetate;	p-Menth-8-en-3-yl acetate	
09.220	Heliotropyl acetate; 3,4-Methylene dioxybenzyl acetate; 1,3-Benzodioxole-5-methanol,acetate;	3,4-Methylenedioxybenzyl acetate	
09.224	4-Methyl-2-pentyl acetate; Methyl isobutyl carbiny l acetate		
09.225	1,3-Nonanediol acetate (mixed esters); Acetoxy nonyl acetate (mixed esters); Jasmonyl;	Nonan-1,3-diyl acetate	5
09.226			
09.227	2-Methyl-1-phenyl-2-propyl acetate; Benzyl dimethyl carbiny l acetate; Dimethylbenzyl carbiny l acetate;		
09.228	Acetyl o-Cresol; o-Cresol acetate; o-Cresyl acetate; o-Cresylic acetate	2-Methylphenyl acetate	
09.230	Cyclohexyl butanoate		
09.231	alpha-Methylbenzyl butyrate; Methyl phenyl carbiny l butyrate; Styrallyl butyrate; 1-Phenyl-1-ethyl butanoate;	1-Phenylethyl butyrate	
09.232	2-Methyl-1-phenyl-2-propyl butyrate; Benzyl dimethyl carbiny l butyrate; alpha, alpha-dimethylphenethyl butyrate;		
09.233	2-Propenyl propanoate; Allyl propanoate		
09.234	Methyl nonylenate; Methyl nonylenoate		
09.235			
09.236	Methyl undecylenate;		
09.237	Ethyl undecylenate;		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.238	01	109-42-2	Butyl undec-10-enoate	2216	2103	203-670-4
09.239	01	10522-18-6	Methyl 2-undecynoate	2751	2111	
09.240	04	33467-73-1	Hex-3(cis)-enyl formate	3353	2153	251-532-7
09.244	03	123-68-2	Allyl hexanoate	2032	2181	204-642-4
09.246	01	123-95-5	Butyl octadecanoate	2214	2189	204-666-5
09.247	03	20474-93-5	Allyl crotonate		2222	243-845-2
09.248	01	623-70-1	Ethyl trans-2-butenolate	3486	2244	210-808-7
09.249	21	68922-11-2	1-Methyl-2-phenethyl butyrate	3197	2276	272-983-6
09.250	02	10588-10-0	Isobutyl valerate		2303	234-191-9
09.251	01	110-42-9	Methyl decanoate		2304	203-766-6
09.253	25	528-79-0	2-Isopropyl-5-methylphenyl acetate		2308	208-442-8
09.254	05	4864-61-3	3-Octyl acetate	3583	2347	225-471-1
09.256	01	6513-03-7	Propyl nonanoate		2351	229-403-1
09.258	30	3891-59-6	Glucose pentaacetate	2524		223-439-1
09.260	03	3025-30-7	Ethyldeca-2(cis),4(trans)-dienoate	3148	10574	221-178-8
09.261	15	6290-37-5	2-Phenethyl hexanoate	3221	10882	228-538-3
09.262	15	5457-70-5	Phenethyl octanoate	3222	10884	226-718-6
09.263	30	139-45-7	Glyceryl tripropionate	3286	10657	205-365-1
09.264	10	84642-61-5	sec-Butan-3-onyl butyrate	3332	10525	283-438-7
09.265	01	34495-71-1	Ethyl oct-4-enoate	3344	10619	252-065-1
09.266	01	19089-92-0	Hexyl 2-butenolate	3354	10688	242-808-8
09.267	01	2396-78-3	Methyl hex-3-enoate	3364	10801	219-256-1
09.268	01	21063-71-8	Methyl oct-4(cis)-enoate	3367	10834	244-188-4
09.269	08	13851-11-1	Fenchyl acetate	3390	11769	237-588-5
09.270	04	16491-36-4	Hex-3-enyl butyrate	3402	11859	240-553-7
09.271	04	31501-11-8	Hex-3-enyl hexanoate	3403	11779	250-661-6
09.272	07	72928-52-0	Myrtenyl formate	3405	10858	277-082-1
09.273	02	589-66-2	Isobutyl crotonate	3432	10706	209-658-5

FL No	Synonyms	Systematic name	Comments
09.238	Butyl undecylenate;		
09.239	Methyl decyne carbonate; Methyl decine carbonate; Methyl undec-2-ynoate; Methyl octyl propiolate		
09.240	beta, gamma-Hexenyl methanoate; (Z)-3-hexenol formate; Leaf alcohol formate; 3-Hexenyl methanoate		5
09.244	Allyl caproate; 2-Propenyl hexanoate;		
09.246	Butyl stearate;		
09.247		Allyl but-2(trans)-enoate	
09.248	Ethyl crotonate		
09.249	1-Phenyl-2-propyl butyrate; alpha-Methylphenethyl butyrate;		
09.250	Isobutyl pentanoate	2-Methylpropyl pentanoate	
09.251			
09.253	Thymyl acetate; Acetyl thymol;		
09.254	1-Ethyl hexyl acetate; n-Amyl ethyl carbinyl acetate	1-Ethylhexyl acetate	
09.256	Propyl pelargonate		
09.258	1,2,3,4,6-Pentaacetyl-alpha-d-Glucose; 1,2,3,4,6-Pentaacetyl-beta-d-Glucose; alpha-Pentaacetyl-dextro-Glucose;	1,2,3,4,6-Pentaacetyl-alpha-d-glucose and 1,2,3,4,6-pentaacetyl-beta-d-glucose	
09.260	Ethyl (2E,4Z)-decadienoate		
09.261	2-Phenylethyl caproate; 2-Phenylethyl hexanoate; Benzylcarbinyl caproate; Benzylcarbinyl hexanoate		
09.262	2-Phenylethyl caprylate; Benzylcarbinyl octanoate;		
09.263	Propionic acid, triglyceride; Tripropionin		1
09.264	Acetoyl butyrate; AMC butyrate;	1-Methyl-2-oxopropyl butanoate	
09.265			5
09.266			5
09.267	O-Hexylhexanolide		
09.268			
09.269	1,3,3-Trimethyl-2-norbornanyl acetate;	1,3,3-trimethyl-bicyclo[2.2.1]heptan-2-yl acetate	
09.270	β, gamma-Hexenyl n-butyrate; cis-3-Hexenyl-butanoate		5
09.271	3-Hexenyl caproate; cis-3-Hexenyl caproate		5
09.272	2-Pinen-10-ol formate	(6,6-Dimethylbicyclo[3.3.1]hept-2-en-2-yl)methyl formate	
09.273		2-Methylpropyl but-2(trans)-enoate	

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.274	01	627-90-7	Ethyl undecanoate	3492	10633	211-018-5
09.275	04	1576-77-8	Hept-3(trans)-enyl acetate	3493	10662	216-411-5
09.276	03	3913-80-2	Oct-2-enyl acetate	3516	11906	223-473-7
09.277	03	84642-60-4	Oct-2(trans)-enyl butyrate	3517	11907	283-437-1
09.278	07	15111-96-3	p-Mentha-1,8-dien-7-yl acetate	3561	10742	239-162-4
09.280	09	67715-81-5	Nonane-1,4-diyl diacetate	3579	11927	
09.281	05	2442-10-6	Oct-1-en-3-yl acetate	3582	11716	219-474-7
09.282	05	16491-54-6	Oct-1-en-3-yl butyrate	3612		240-555-8
09.283	01	7367-88-6	Ethyl dec-2-enoate	3641	10577	230-918-9
09.284	01	76649-16-6	Ethyl dec-4-enoate	3642	10578	278-509-4
09.285	01	7367-82-0	Ethyl oct-2(trans)-enoate	3643	10617	230-913-1
09.286	02	624-41-9	2-Methylbutyl acetate	3644	10762	210-843-8
09.287	01	28316-62-3	Propyl deca-2,4-dienoate	3648	10889	248-960-1
09.288	21	3572-06-3	4-(4-Acetoxyphenyl)butan-2-one	3652		222-682-0
09.289	07	36789-59-0	alpha-Campholene acetate	3657		253-212-2
09.290	01	69925-33-3	Ethyl octa-4,7-dienoate	3682		
09.291	04	61444-38-0	Hex-3-enyl hex-3-enoate	3689		262-797-3
09.292	01	33855-57-1	Hexyl 2-hexenoate	3692		
09.293	09	52789-73-8	1-Acetoxy-1-acetylcyclohexane	3701		258-186-6
09.294	23	17373-93-2	2-Methylbenzyl acetate	3702		241-412-2
09.298	01	13481-87-3	Methyl non-3-enoate	3710		236-786-9
09.299	01	7367-81-9	Methyl oct-2(trans)-enoate	3712	11800	230-912-6
09.300	01	689-89-4	Methyl hexa-2,4-dienoate	3714		211-712-8
09.301	25	59558-23-5	p-Tolyl octanoate	3733		261-803-1
09.302	07	1079-01-2	Myrtenyl acetate	3765	10887	214-088-5
09.303	03		Hept-2-enyl isovalerate		10664	
09.304	05		sec-Heptyl isovalerate		10806	
09.305	08	22030-19-9	beta-Ionyl acetate	3844	10702	
09.306	22		2-Methoxycinnamyl acetate		10752	
09.307	02		2-Methylbutyl dodecanoate		10766	
09.311	03	591-87-7	Allyl acetate		11730	209-734-8
09.312	03	7493-75-6	Allyl hexa-2,4-dienoate	2041	2182	231-336-8
09.313	23	56423-40-6	Benzyl 2-methylbutyrate		10523	260-169-3
09.314	23	65416-24-2	Benzyl crotonate			265-764-1
09.315	23	140-25-0	Benzyl dodecanoate			205-405-8

FL No	Synonyms	Systematic name	Comments
09.274	Ethyl undecylate, Ethyl hendecanoate		
09.275			
09.276	2-Octen-1-ol,acetate,(E)-		5
09.277	trans-2-Octenyl butyrate		
09.278	Perilla acetate; Perrilyl acetate; Perillyl acetate; Acetic acid, perillyl ester; Menthadien-7-carbinyl acetate;		
09.280	Nonanediol-1,4 acetate;		
09.281	Octenyl acetate; Amyl vinyl carbinyl acetate; 3-Acetoxyoctene; Amyl crotonyl acetate; Pentyl crotonyl acetate;	1-Vinylhexyl acetate	
09.282		1-Vinylhexyl butyrate	
09.283			5
09.284			5
09.285			5
09.286			
09.287			5
09.288			
09.289	1-Acetoxy-2-(2,2,3)-trimethyl-3-cyclopentenyl ethane;	2-(2,2,3-Trimethylcyclopent-3-enyl)ethyl acetate	5
09.290	Ethyl Z 4,7-octadienoate		
09.291	Z-3-Hexenyl Z-3-hexenoate		5
09.292	Hexyl E-2-hexenoate		
09.293	Methyl 1-acetoxycyclohexyl; 1-Acetylcyclohexyl acetate		
09.294			5
09.298			
09.299	Methyl E-2-octenoate		5
09.300	Methyl sorbate; Methyl 2,4-hexadienoate, Methyl E, E-2,4 Hexadienoate		5
09.301	o-Cresyl octanoate; p-Methylphenyl octanoate; p-Cresyl caprylate;	4-Methylphenyl octanoate	
09.302	2-Pinen-10-ol acetate	(6,6-Dimethylbicyclo[3.3.1]hept-2-en-2-yl)methyl acetate	
09.303		Hept-2-enyl 3-methylbutanoate	
09.304		1- Methylhexyl 3-methylbutanoate	
09.305	beta-Ionol acetate; 3-Buten-2-ol, 4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-, acetate	4-(2,2,6-Trimethylcyclohex-1-enyl)but-3-en-2-yl acetate	
09.306		3-(2-Methoxyphenyl)prop-2-enyl acetate	
09.307			
09.311			
09.312	Allyl Sorbate		
09.313			
09.314		Benzyl but-2(trans)-enoate	
09.315	Benzyl laurate		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.316	23	6938-45-0	Benzyl hexanoate		10521	230-068-9
09.317	23	2051-96-9	Benzyl lactate			218-136-6
09.318	23	10276-85-4	Benzyl octanoate			233-620-7
09.319	08	13109-70-1	Bornyl butyrate	3907		236-036-0
09.320	09	112-07-2	2-Butoxyethyl acetate			203-933-3
09.321	01	7785-64-0	Butyl 2-methylbut-2(cis)-enoate			232-084-1
09.322	01	6297-41-2	Butyl 2-methylvalerate			228-569-2
09.323	05	105-46-4	sec-Butyl acetate		10527	203-300-1
09.324	01	591-63-9	Butyl but-2-enoate			
09.325	05	819-97-6	sec-Butyl butyrate		10528	212-465-9
09.326	01	28369-24-6	Butyl deca-2,4-dienoate		10529	248-994-7
09.327	01	30673-36-0	Butyl decanoate		10530	250-280-5
09.328	05	589-40-2	sec-Butyl formate		10532	
09.329	01	13416-74-5	Butyl hex-2-enoate			
09.330	01	118869-62-8	Butyl hex-3-enoate			
09.331	01	111-06-8	Butyl hexadecanoate			203-829-8
09.332	05	820-00-8	sec-Butyl hexanoate		10533	
09.333	09	18449-60-0	sec-Butyl lactate			242-334-1
09.334	01	50623-57-9	Butyl nonanoate			256-661-2
09.335	01	57403-32-4	Butyl oct-2-enoate		10536	260-720-8
09.336	01	110-36-1	Butyl tetradecanoate			203-759-8
09.337	25	6380-28-5	Carvacryl acetate			228-963-4
09.338	08	32214-91-8	Caryophyllene alcohol acetate			250-960-1
09.339	22	61792-12-9	Cinnamyl 2-methylcrotonate			263-215-0
09.340	03	24717-85-9	Citronellyl 2-methylbut-2-enoate			246-426-2
09.341	04	10580-25-3	Citronellyl hexanoate			234-175-1
09.342	07	54993-30-5	Cyclogeranyl acetate			
09.343	08	1129-47-1	Cyclohexyl isobutyrate		10548	214-448-1
09.344	04	50816-18-7	Dec-9-enyl acetate			256-784-1
09.345	09	818-04-2	Di-isopentyl succinate		10555	212-448-6
09.346	30	1587-18-4	Dibutyl malate			
09.347	09	141-03-7	Dibutyl succinate			205-449-8
09.348	09	141-28-6	Diethyl adipate			205-477-0

FL No	Synonyms	Systematic name	Comments
09.316			
09.317		Benzyl 2-hydroxypropanoate	
09.318			
09.319	Bornyl butanoate; Butyric acid, 2-bornyl ester	1,7,7-Trimethyl-bicyclo[2.2.1]heptan-2-yl butanoate	
09.320			
09.321	Butyl angelate		
09.322	Butyl 2-methylpentanoate		
09.323	But-2-yl acetate	1-Methylpropyl acetate	
09.324			
09.325	But-2-yl butyrate	1-Methylpropyl butanoate	
09.326			5
09.327	Butyl caprate		
09.328	But-2-yl formate	1-Methylpropyl formate	
09.329			
09.330			
09.331	Butyl palmitate		
09.332	But-2-yl caproate; 2-Butyl hexanoate;	1-Methylpropyl hexanoate	
09.333		1-Methylpropyl 2-hydroxypropanoate	
09.334			
09.335			
09.336	Butyl myristate		
09.337		5-Isopropyl-2-methyl phenyl acetate	
09.338	Caryophyllene acetate	4,11,11-Trimethyl-8-methylene-bicyclo[7.2.0]undec-3-en-5-yl acetate	
09.339	Cinnamyl tiglate	3-Phenylprop-2-enyl 2-methylbut-2(trans)-enoate	
09.340		3,7-Dimethyloct-6-enyl 2-methylbutanoate	
09.341		3,7-Dimethyloct-6-enyl hexanoate	
09.342		(2,6,6-Trimethyl-1-cyclohexenyl)methyl acetate	
09.343		Cyclohexyl 2-methylpropanoate	
09.344	Rosalva acetate		
09.345	Di-isoamyl succinate; Di(3-methylbutyl) succinate	Di-(3-Methylbutyl)butanedioate	
09.346		Dibutyl 2-hydroxybutanedioate	
09.347		Dibutyl butanedioate	
09.348		Diethyl hexanedioate	

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.349	30	32074-56-9	Diethyl citrate			250-914-0
09.350	09	623-91-6	Diethyl fumarate			210-819-7
09.351	09	141-05-9	Diethyl maleate		10551	205-451-9
09.352	09	624-17-9	Diethyl nonanedioate		10549	210-833-3
09.353	09	95-92-1	Diethyl oxalate			202-464-1
09.354	09	818-38-2	Diethyl pentanedioate			212-451-2
09.355	08	20777-49-5	neo-Dihydrocarvyl acetate		10859	244-029-9
09.356	06	20487-40-5	1,1-Dimethylethyl propionate			
09.358	02	20780-49-8	3,7-Dimethyloctyl acetate		10899	244-034-6
09.359	09	111-15-9	2-Ethoxyethyl acetate		10565	203-839-2
09.360	09	2985-28-6	Ethyl 2-acetoxypropionate			
09.361	09	27372-03-8	Ethyl 2-hydroxy-3-methylbutyrate		10600	
09.362	23	60770-00-5	Ethyl 2-hydroxy-4-methylbenzoate			
09.363	23	7335-26-4	Ethyl 2-methoxybenzoate			230-843-1
09.364	15	2510-99-8	Ethyl 2-phenylpropionate			219-727-1
09.365	01	638-10-8	Ethyl 3-methylcrotonate		10610	211-319-1
09.366	09	121312-01-4	Ethyl 4-acetoxyoctanoate			
09.367	23	120-47-8	Ethyl 4-hydroxybenzoate			204-399-4
09.368	01	6849-18-9	Ethyl 4-methylpent-3-enoate		10615	
09.370	01	67233-91-4	Ethyl dec-9-enoate		10579	
09.371	01	78417-28-4	Ethyl deca-2,4,7-trienoate	3832	10576	
09.372	01	28290-90-6	Ethyl dodec-2-enoate		10584	
09.373	01	32659-21-5	Ethyl geranate			251-144-8
09.374	01	54340-72-6	Ethyl hept-2-enoate			
09.375	01	97-63-2	Ethyl methacrylate			202-597-5
09.376	01	26553-47-9	Ethyl oct-3(trans)-enoate			247-799-4
09.377	01	1117-65-3	Ethyl oct-3-enoate		10618	
09.378	01	78989-37-4	Ethyl oct-4(trans)-enoate			279-035-0
09.379	01	2445-93-4	Ethyl pent-2-enoate		10623	219-500-7
09.380	01	41114-00-5	Ethyl pentadecanoate		10622	255-223-8
09.381	02	103-09-3	2-Ethylhexyl acetate			203-079-1
09.382	03	68705-63-5	Geranyl 2-methylbutyrate			272-100-4
09.383	03	7785-33-3	Geranyl 2-methylcrotonate		11829	232-078-9
09.384	03	51532-26-4	Geranyl octanoate			257-256-3
09.385	03	16939-73-4	Hept-2-enyl acetate		10661	241-002-3
09.386	05	94088-33-2	sec-Hept-4(cis)-enyl acetate			302-032-3
09.387	01	50862-12-9	Heptyl 2-methylbutyrate		10668	256-811-7
09.388	05	5921-82-4	sec-Heptyl acetate		10802	227-647-3

FL No	Synonyms	Systematic name	Comments
09.349			
09.350		Diethyl but-2(trans)-enedioate	
09.351	2-Butenedioic acid diethyl ester; Ethyl maleate	Diethyl but-2(cis)-enedioate	
09.352	Diethyl azelate		
09.353		Diethyl ethanedioate	
09.354			
09.355		p-Menth-8(9)-en-2-yl acetate	
09.356	tertButyl propionate		
09.358	Tetrahydrogeranyl acetate		
09.359	Ethylene glycol monoethyl ether acetate		
09.360	Ethyl acetyllactate		
09.361			
09.362			
09.363			
09.364			
09.365	Ethyl senecioate	Ethyl 3-methylbut-2(trans)-enoate	
09.366			
09.367			4
09.368			
09.370			
09.371	Ethyl deca-2,4,7-trienoate; 2,4,7-Decatrienoic acid, ethyl ester		
09.372			
09.373		Ethyl 3,7-dimethylocta-2(trans),6-dienoate	
09.374			
09.375		Ethyl 2-methylprop-2-enoate	
09.376			
09.377			
09.378			
09.379			
09.380			
09.381	beta-Ethylhexy acetate; 2-ethylhexanyl acetate		
09.382		3,7-Dimethyl-2(trans),6-octadienyl 2-methylbutanoate	
09.383	Geranyl tiglate	3,7-Dimethyl-2(trans),6-octadienyl 2-methylbut-2(trans)-enoate	
09.384	Geranyl caprylate	3,7-Dimethylocta-2(trans),6-dienyl octanoate	
09.385			5
09.386		1-Methylhex-3(cis)-enyl acetate	
09.387			
09.388		1-Methylhexyl acetate	

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.390	01	6976-72-3	Heptyl hexanoate		10666	230-239-8
09.391	05	6624-58-4	sec-Heptyl hexanoate		10805	229-582-6
09.392	01	56423-43-9	Heptyl isovalerate		10667	260-170-9
09.393	01	5451-80-9	Heptyl valerate		10672	226-686-3
09.394	03	2497-18-9	Hex-2(trans)-enyl acetate	2564	643	219-680-7
09.395	03	53398-80-4	Hex-2(trans)-enyl propionate	3932	11830	258-513-2
09.396	03	53398-83-7	Hex-2-enyl butyrate	3926		258-515-3
09.397	03	53398-78-0	Hex-2-enyl formate	3927	11858	258-512-7
09.398	03	53398-86-0	Hex-2-enyl hexanoate			258-519-5
09.399	03	35154-45-1	Hex-2-enyl isovalerate	3930		252-404-3
09.400	15	68133-78-8	Hex-2-enyl phenylacetate			268-705-8
09.401	09	2308-18-1	Isopentyl acetoacetate	3551	227	218-991-5
09.402	09	141-97-9	Ethyl acetoacetate	2415	240	205-516-1
09.403	09	591-60-6	Butyl acetoacetate	2176	241	209-722-2
09.404	09	7779-75-1	Isobutyl acetoacetate	2177	242	231-937-5
09.405	09	10032-00-5	Geranyl acetoacetate	2510	243	233-101-5
09.406	23	5396-89-4	Benzyl 3-oxobutyrate	2136	244	226-416-4
09.407	15	42078-65-9	2-Phenethyl 3-methylcrotonate	2869	246	255-649-4
09.408	02	7779-81-9	Isobutyl 2-methylbut-2(cis)-enoate	2180	247	231-941-7
09.409	01	7452-79-1	Ethyl 2-methylbutyrate	2443	265	231-225-4
09.410	03	7493-69-8	Allyl 2-ethylbutyrate	2029	281	231-332-6
09.411	03	7493-65-4	Allyl cyclohexanebutyrate	2024	283	

FL No	Synonyms	Systematic name	Comments
09.390			
09.391		1-Methylhexyl hexanoate	
09.392		Heptyl 3-methylbutanoate	
09.393	Heptyl pentanoate		
09.394	trans-2-Hexenyl acetate; 2-Hexen-1-yl acetate		5
09.395	2-Hexenyl propanoate; (E)-Hex-2-enyl propionate; trans-2-Hexenyl propionate		
09.396			5
09.397	(E)-Hex-2-enyl formate; trans-2-Hexenyl formate		5
09.398			5
09.399		Hex-2-enyl 3-methylbutanoate	5
09.400			5
09.401	3-Methylbutyl acetoacetate; Pentyl 3-Oxobutanoate; Isoamyl Beta-ketobutyrate;	3-Methylbutyl 3-oxobutanoate	
09.402	Ethyl acetylacetate; Ethyl beta-Ketobutyrate; Acetoacetic ester	Ethyl 3-oxobutanoate	
09.403	Butyl 3-ketobutanoate; Butyl 3-Ketobutyrate	Butyl 3-oxobutanoate	
09.404	Isobutyl-beta-ketobutyrate; Isobutyl-3-oxobutanoate; 2-Methyl-1-propyl acetoacetate; Isobutyl 3-ketobutanoate;	2-Methylpropyl 3-oxobutanoate	
09.405	Geranyl 3-oxobutanoate; Geranyl beta-ketobutyrate; trans-3,7-Dimethyl-2,6-octadien-1-yl acetoacetate;	3,7-Dimethylocta-2(trans),6-dienyl 3-oxobutanoate	
09.406	Benzyl acetylacetate; Benzyl 3-Oxobutanoate; Benzyl ß-Ketobutyrate		
09.407	2-Phenylethyl 3-methyl-2-butenolate; 2-Phenethyl senecioate; Phenethyl 3,4-dimethylacrylate	2-Phenylethyl 3-methylbut-2(trans)-enoate	
09.408	Isobutyl angelate; Butyl iso angelate, Butyl iso cis-2-methyl-2-butenolate	2-Methylpropyl 2-methylbut-2(cis)-enoate	5
09.409	Ethyl 2-methylbutanoate		
09.410	2-Propenyl 2-ethylbutanoate; 2-Propenyl 2-ethylbutyrate;		
09.411	Allyl 4-cyclohexylbutyrate; 2-Propen-1-yl cyclohexanebutyrate; Allyl hexahydrophenylbutyrate; Allyl cyclohexylbutyrate		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.412	01	547-63-7	Methyl isobutyrate	2694	287	208-929-5
09.413	01	97-62-1	Ethyl isobutyrate	2428	288	202-595-4
09.414	01	644-49-5	Propyl isobutyrate	2936	289	211-417-4
09.415	05	617-50-5	Isopropyl isobutyrate	2937	290	210-517-5
09.416	01	97-87-0	Butyl isobutyrate	2188	291	202-614-6
09.417	02	97-85-8	Isobutyl isobutyrate	2189	292	202-612-5
09.418	01	2445-72-9	Pentyl isobutyrate		293	219-494-6
09.419	02	2050-01-3	Isopentyl isobutyrate	3507	294	218-078-1
09.420	01	2349-13-5	Heptyl isobutyrate	2550	295	219-076-3
09.421	04	97-89-2	Citronellyl isobutyrate	2313	296	202-616-7
09.423	06	78-35-3	Linalyl isobutyrate	2640	298	201-108-2
09.424	03	2345-24-6	Neryl isobutyrate	2775	299	219-061-1
09.425	06	7774-65-4	Terpinyl 2-methylpropionate	3050	300	231-878-5
09.426	23	103-28-6	Benzyl isobutyrate	2141	301	203-095-9
09.427	15	103-48-0	Phenethyl isobutyrate	2862	302	203-116-1
09.428	22	103-58-2	3-Phenylpropyl isobutyrate	2893	303	203-125-0
09.429	25	103-93-5	p-Tolyl isobutyrate	3075	304	203-159-6
09.430	23	5461-08-5	Piperonyl isobutyrate	2913	305	226-745-3

FL No	Synonyms	Systematic name	Comments
09.412	Methyl dimethylacetate, Methyl-2-methylpropionate	Methyl 2-methylpropanoate	
09.413	Ethyl isobutanoate; Ethyl 2-methylpropanoate, Propanoic acid, 2-methyl-, ethyl ester	Ethyl-2-methylpropanoate	
09.414		Propyl 2-methylpropanoate	
09.415	Propyl iso isobutyrate, Isopropyl 2-methylpropanoate, Propyl iso 2-methylpropanoate	Isopropyl 2-methylpropanoate	
09.416	Butyl-2-methylpropionate; n-Butyl 2-methylpropanoate	Isobutyl 2-methylpropanoate	
09.417	Isobutyl 2-methylpropionate; Butyl iso 2-Methylpropanoate, 2-Methyl-1-propyl 2-methylpropanoate; Isobutyl 2-methylpropanoate	2-Methylpropyl 2-methylpropanoate	
09.418	Amyl isobutyrate; Amyl isobutyrae	Pentyl 2-methylpropanoate	
09.419	Isopentyl-2-methyl propanoate	3-Methylbutyl 2-methylpropanoate	
09.420	Heptyl 2-methylpropanoate	Heptyl 2-methylpropanoate	
09.421	Citronellyl 2-methylpropionate; 3,7-Dimethyl-6-octen-1-yl isobutyrate; 3,7-Dimethyl-6-octen-1-yl 2-methylpropanoate	3,7-Dimethyloct-6-enyl 2-methylpropanoate	
09.423	Linalyl 2-methylpropionate; 3,7-Dimethyl-1,6-octadien-3-yl isobutyrate, Linalool isobutyrate	1,5-Dimethyl-1-vinylhex-4-enyl 2-methylpropanoate	
09.424	2-cis-3,7-Dimethyl-2,6-octadien-1-yl isobutyrate	3,7-Dimethyl-2(cis), 6-octadienyl 2-methylpropanoate	
09.425	Terpinyl isobutyrate; 1-Methyl-1-(4-methylcyclohex-3-enyl)ethyl 2-methylpropionate	p-Menth-1-en-8-yl isobutyrate	
09.426	Benzyl 2-methylpropanoate;	Benzyl-2-methylpropanoate	
09.427	2-Phenethyl isobutyrate; 2-Phenylethyl isobutyrate; Benzylcarbiny 2-methylpropanoate; Phenethyl 2-methylpropanoate;	2-Phenylethyl 2-methylpropanoate	
09.428	Hydrocinnamyl isobutyrate; Hydrocinnamyl 2-methylpropanoate	3- Phenylpropyl 2-methylpropanoate	
09.429	p-Cresyl isobutyrate; p-Methylphenyl 2-methylpropanoate; p-Methylphenyl isobutyrate; p-Tolyl 2-methylpropanoate;	4-Methylphenyl 2-methylpropanoate	
09.430	Piperonyl 2-methylpropionate; 3,4-Methylenedioxybenzyl-2-methylpropanoate; Heliotropyl-2-methylpropanoate;	3,4-Methylenedioxybenzyl 2-methylpropanoate	

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.431	03	2345-26-8	Geranyl isobutyrate	2513	306	219-062-7
09.432	01	2412-80-8	Methyl 4-methylvalerate	2721	322	219-320-9
09.433	09	97-64-3	Ethyl lactate	2440	371	202-598-0
09.434	09	138-22-7	Butyl lactate	2205	372	205-316-4
09.435	09	539-88-8	Ethyl 4-oxovalerate	2442	373	208-728-2
09.436	09	2052-15-5	Butyl 4-oxovalerate	2207	374	218-143-4
09.439	30	7554-12-3	Diethyl malate	2374	382	231-444-5
09.441	09	17373-84-1	Butyl ethyl malonate	2195	384	
09.442	09	617-35-6	Ethyl pyruvate	2457	430	210-511-2
09.443	09	7779-72-8	Isopentyl pyruvate	2083	431	231-934-9
09.444	09	123-25-1	Diethyl succinate	2377	438	204-612-0
09.445	09	106-65-0	Dimethyl succinate	2396	439	203-419-9
09.446	30	87-91-2	Diethyl tartrate	2378	440	201-783-3
09.447	01	108-64-5	Ethyl isovalerate	2463	442	203-602-3
09.448	01	557-00-6	Propyl isovalerate	2960	443	209-148-2
09.449	01	109-19-3	Butyl isovalerate	2218	444	203-654-7
09.450	05	32665-23-9	Isopropyl isovalerate	2961	445	251-145-3
09.451	01	7786-58-5	Octyl isovalerate	2814	446	232-100-7

FL No	Synonyms	Systematic name	Comments
09.431	Geranyl 2-methylpropionate; trans-3,7-Dimethyl-2,6-octadien-1-yl isobutyrate;	3,7-Dimethylocta-2(trans), 6-dienyl 2-methylpropanoate	
09.432	Methyl 4-methylpentanoate; Methyl isocaproate, Methyl isobutylacetate		
09.433	Ethyl alpha-hydroxypropionate;	Ethyl 2-hydroxypropanoate	
09.434	Butyl alpha-hydroxypropionate; Butyl hydroxypropanoate;	Butyl 2-hydroxypropanoate	
09.435	Ethyl laevulinate; Ethyl 4-ketovalerate; Ethyl acetylpropanoate; Ethyl laevulate; Ethyl levulinate;		
09.436	Butyl laevulinate; Butyl 4-ketovalerate; Butyl 4-oxopentanoate; Butyl acetylpropionate;		
09.439	Diethylhydroxysuccinate; Ethyl malate	Diethyl 2-hydroxybutanedioate	
09.441	Ethyl butyl maloate;	Butyl ethyl propanedioate	
09.442	Ethyl acetylformate; Ethyl alpha-Ketopropionate; Ethyl pyroracemate	Ethyl 2-oxopropanoate	
09.443	Isoamyl 2-oxopropanoate	3-Methylbutyl 2-oxopropanoate	
09.444	Diethyl butanedionate; Diethyl ethanedicarboxylate; Ethyl succinate;	Diethyl butanedioate	
09.445	Dimethyl butanedionate; Methyl succinate;	Dimethyl butanedioate	
09.446	Diethyl 2,3-dihydroxybutanedioate; Ethyl tartrate; Diethyl 2,3-dihydroxysuccinate;	Diethyl 2,3-dihydroxybutanedioate	
09.447	Ethyl ß-methylbutyrate; Ethyl isopentanoate	Ethyl 3-methylbutanoate	
09.448	Propyl isovalerianate, Propyl 3-methylbutanoate, Propyl isopentanoate, Propyl 3-methylbutyrate		
09.449	Butyl isovalerianate; Butyl isopentanoate	Butyl-3-methylbutanoate	
09.450	Propyl iso isovalerate; Isopropyl isovalerianate; Isopropyl isopentanoate	Isopropyl 3-methylbutanoate	
09.451	Octyl isovalerianate; Octyl isopentanoate; Octyl 3-methylbutyrate	Octyl 3-methylbutanoate	

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.452	01	7786-47-2	Nonyl isovalerate	2791	447	232-098-8
09.453	03	109-20-6	Geranyl isovalerate	2518	448	203-655-2
09.454	06	1118-27-0	Linalyl isovalerate	2646	449	214-259-4
09.455	08	16409-46-4	Menthyl isovalerate	2669	450	240-460-1
09.456	08	76-50-6	Bornyl isovalerate	2165	451	200-966-5
09.457	08	7779-73-9	Isobornyl isovalerate	2166	452	231-935-4
09.458	23	103-38-8	Benzyl isovalerate	2152	453	203-106-7
09.459	22	140-27-2	Cinnamyl isovalerate	2302	454	205-407-9
09.460	04	68922-10-1	Citronellyl isovalerate		455	272-982-0
09.461	06	1142-85-4	Terpinyl isovalerate	3054	456	
09.462	01	556-24-1	Methyl isovalerate	2753	457	209-117-3
09.463	02	659-70-1	3-Methylbutyl 3-methylbutyrate	2085	458	211-536-1
09.464	08	7774-44-9	Cyclohexyl isovalerate	2355	459	231-874-3
09.465	04	7778-96-3	Rhodinyl isovalerate	2987	460	231-919-7
09.466	15	140-26-1	Phenethyl isovalerate	2871	461	205-406-3

FL No	Synonyms	Systematic name	Comments
09.452	Nonyl isovalerianate; Nonyl isopentanoate	Nonyl 3-methylbutanoate	
09.453	Geranyl 3-methylbutyrate; trans-3,7-Dimethyl-2,6-octadien-1-yl isopentanoate;	3,7-Dimethylocta-2(trans), 6-dienyl 3-methylbutanoate	
09.454	Linalyl 3-methylbutyrate; 3,7-Dimethyl-1,6-octadien-3-yl isovalerate, Linalyl isopentanoate, Linalyl isovalerianate	1,5-Dimethyl-1-vinylhex-4-enyl 3-methyl-butanoate	
09.455	p-Menth-3-yl isovalerate; Menthyl isovalerianate; 1-Isopropyl-4-methylcyclohex-2-yl 3-methylbutanoate;	2-Isopropyl-5-methylcyclohexanyl 3-methylbutanoate	
09.456	Bornyl 3-methylbutyrate; Bornyl isovalerianate; Bornyl isopentanoate;	1,7,7-Trimethyl-bicyclo[2.2.1]hept-2-yl 3-methylbutanoate	
09.457	Isobornyl 3-methylbutyrate; Isobornyl isovalerianate; Bornyl iso isovalerate; Bornyl iso isopentanoate;	1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl 3-methylbutanoate	
09.458	Benzyl isovalerianate; Benzyl isopentanoate	Benzyl 3-methyl butanoate	
09.459	Cinnamyl-3-methylbutyrate; Cinnamyl isovalerianate; 3-Phenylallyl isovalerate; 3-Phenyl-2-propen-1-yl 3-methylbutanoate;	3-Phenylprop-2-enyl 3-methylbutanoate	
09.460	Citronellyl isopentanoate	3,7-Dimethyloct-6-enyl 3-methylbutanoate	
09.461	p-Menth-1-en-8-yl isovalerate; Terpinyl isopentanoate; p-Menth-1-en-8-yl 3-methylbutyrate;	p-Menth-1-en-8-yl 3-methylbutanoate	
09.462	Methyl iso valerianate, Methyl β-methyl butyrate	Methyl 3-methylbutanoate	
09.463	Isoamyl isopentanoate; Isopentyl isopentanoate; iso amyl β-methyl butyrate		
09.464	Cyclohexyl isovalerianate; Cyclohexyl isopentanoate	Cyclohexyl-3-methylbutanoate	
09.465	alpha-Citronellyl isopentanoate	3,7-Dimethyloct-7-enyl 3-methylbutanoate	5
09.466	Phenylethyl isopentanoate; 2-Phenylethyl isovalerate; Benzylcarbiny1 3-methylbutanoate;	2-Phenylethyl 3-methylbutanoate	

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.467	22	5452-07-3	3-Phenylpropyl isovalerate	2899	462	226-692-6
09.468	22	7493-80-3	alpha-Pentylcinnamyl isovalerate	2067	463	
09.469	03	7493-68-7	Allyl cyclohexanevalerate	2027	474	
09.470	22	103-59-3	Cinnamyl isobutyrate	2297	496	203-126-6
09.471	03	3915-83-1	Neryl isovalerate	2778	508	223-478-4
09.472	02	589-59-3	Isobutyl isovalerate	3369	568	209-653-8
09.473	01	109-15-9	Octyl isobutyrate	2808	593	203-651-0
09.474	09	109-43-3	Dibutyl sebacate	2373	622	203-672-5
09.475	09	110-40-7	Diethyl sebacate	2376	623	203-764-5
09.476	30	94-02-0	Ethyl 3-phenyl-3-oxopropionate	2423	627	202-295-3
09.478	01	2349-07-7	Hexyl isobutyrate	3172	646	219-075-8
09.480	25	36438-54-7	o-Tolyl isobutyrate	3753	681	
09.481	01	105-58-8	Diethyl carbonate		710	203-311-1
09.482	03	4728-82-9	Allyl cyclohexaneacetate	2023	2070	225-230-0
09.483	01	868-57-5	Methyl 2-methylbutyrate	2719	2085	212-778-0
09.484	06	10031-71-7	1,1-Dimethyl-3-phenylpropyl isobutyrate	2736	2086	233-092-8
09.485	22	65813-53-8	2-Phenylpropyl isobutyrate	2892	2087	265-931-9

FL No	Synonyms	Systematic name	Comments
09.467	Hydrocinnamyl isovalerate; 3-Phenylpropyl isovaleriate; Hydrocinnamyl 3-methylbutanoate; 3-Phenylpropyl isopentanoate;	3- Phenylpropyl 3-methylbutanoate	
09.468	alpha-Amylcinnamyl 3-methylbutyrate; alpha-n-Amyl-beta-phenylacryl isovalerate; Floxin isovalerate;	2-Pentyl-3-phenylprop-2-enyl 3-methylbut-anoate	
09.469	Allyl 5-cyclohexylpentanoate; Allyl cyclohexanepentanoate; 2-Propen-1-yl cyclohexanevalerate;		
09.470	Cinnamyl-2-methylpropionate; Cinnamyl 2-methylpropanoate; 3-Phenyl-2-propen-1-yl isobutyrate;	3-Phenylprop-2-enyl 2-methylpropanoate	
09.471	Neryl beta-methylbutyrate; Neryl 3-methylbutyrate; Neryl isovalerianate; cis-3,7-Dimethyl-2,6-octadien-1-yl isopentanoate	3,7-Dimethyl-2(cis), 6-octadienyl 3-methylbutanoate	
09.472		2-Methylpropyl 3-methylbutanoate	
09.473		Octyl 2-methylpropanoate	
09.474	Butyl sebacate; Dibutyl decanedioate; Dibutyl 1,8-octanedicarboxylate;	Dibutyl decane-1,10-dioate	
09.475	Diethyl 1,8-octanedicarboxylate; Ethyl sebacate;	Diethyl decanedioate	
09.476	Ethyl benzoylacetate; Ethyl 3-phenyl-3-oxopropanoate; Ethyl beta-Keto-beta-phenylpropionate		
09.478		Hexyl 2-methylpropanoate	
09.480		2-Methylphenyl 2-methylpropanoate	
09.481			
09.482	Allyl cyclohexylacetate; 2-Propen-1-yl cyclohexaneacetate;		
09.483	Methyl methylethylacetate, Methyl-2-methylbutanoate		
09.484	Dimethyl phenethyl carbinyl isobutyrate; 2-Methyl-4-phenyl-2-butyl isobutyrate; 2-Methyl-4-phenyl-2-butyl-2-methylpropanoate	1,1-Dimethyl-3-phenylpropyl 2-methylpro-panoate	
09.485	2-Methyl-2-phenylethyl 2-methylpropanoate; 2-Alpha-Phenylpropyl alcohol, isobutyric ester; Hydratropyl isobutyrate;	2-Phenylpropyl 2-methylpropanoate	

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.486	21	7775-39-5	1-Phenethyl isobutyrate	2687	2088	231-894-2
09.487	15	103-60-6	2-Phenoxyethyl isobutyrate	2873	2089	203-127-1
09.488	01	10094-36-7	Ethyl cyclohexanepropionate	2431	2095	233-222-3
09.489	03	2835-39-4	Allyl isovalerate	2045	2098	220-609-7
09.490	09	105-53-3	Diethyl malonate	2375	2106	203-305-9
09.491	09	7492-70-8	Butyl-O-butyryllactate	2190	2107	231-326-3
09.492	03	7493-66-5	Allyl cyclohexanhexanoate	2025	2180	
09.493	03	7493-71-2	Allyl 2-methylcrotonate	2043	2183	231-333-1
09.494	23	37526-88-8	Benzyl 2-methylcrotonate	3330	2184	253-544-8
09.495	01	5837-78-5	Ethyl 2-methylcrotonate	2460	2185	227-425-6
09.496	15	55719-85-2	Phenethyl 2-methylcrotonate	2870	2186	259-774-5
09.497	09	94022-04-5	Butyl O-butyrylglycollate		2188	301-496-4
09.498	03	2705-87-5	Allyl cyclohexanepropionate	2026	2223	220-292-5
09.499	01	25415-62-7	Pentyl isovalerate		2224	246-954-3
09.501	21	620-79-1	Ethyl 2-acetyl-3-phenylpropionate	2416	2241	210-651-4
09.502	09	71662-27-6	Ethyl butyryl lactate		2242	275-793-1

FL No	Synonyms	Systematic name	Comments
09.486	alpha-Methylbenzyl isobutyrate; styrallyl isobutyrate; Methyl phenyl carbiny l butyrate; 1-Phenyl-1-ethyl 2-Methylpropanoate; Methyl phenylcarbiny l isobutyrate	1-(2-Phenylethyl) 2-methylpropanoate	
09.487	2-Phenoxyethyl 2-methylpropanoate; Ethylene glycol monophenyl ether, isobutyrate; Phenylcellosolve isobutyrate	2-Phenoxyethyl-2-methylpropanoate	
09.488	Ethyl 3-cyclohexylpropionate; Ethyl hexahydrophenylpropionate		
09.489	2-Propenyl isopentanoate; Allyl isopentanoate; Allyl isovalerianate; 2-Propenyl 3-methylbutanoate;	Allyl 3-methylbutanoate	
09.490	Ethyl malonate; Malonic ester; Ethyl propanedioate; Ethyl methanedicarboxylate;	Diethyl propanedioate	
09.491	Butyl butyrolactate; Butyl-alpha-butyroxy propionate; Butyl 2-(propylcarboxy) propanoate;	Butyl 2-butanoyloxypropanoate	
09.492	Allyl 3-cyclohexylhexanoate; Allyl hexahydrophenylhexanoate; Allyl cyclohexanecaproate;		
09.493	Allyl tiglate; Allyl-trans-2,3-dimethylacrylate; Allyl-trans-2-methyl-2-butenolate; Allyl-2-methyl-crotonate;	Allyl 2-methylbut-2(trans)-enoate	
09.494	Benzyl tiglate; Benzyl trans-2,3-dimethyl acrylate; Benzyl trans-2-methyl crotonate	Benzyl 2-methylbut-2(trans)-enoate	
09.495	Ethyl tiglate; Ethyl trans-2,3-dimethyl acrylate, Ethyl (trans)-2-Methylcrotonate, Tiglic acid ethyl ester	Ethyl 2-methylbut-2(trans)-enoate	
09.496	Phenethyl tiglate; 2-Phenylethyl tiglate; 2-Phenylethyl trans-2,3-dimethylacrylate; 2-Phenylethyl trans-2-methylbutenoate	2-Phenylethyl 2-methylbut-2(trans)-enoate	
09.497			
09.498	Allyl 3-cyclohexylpropionate; 2-Propen-1-yl cyclohexanepropionate; Allyl hexahydrophenylpropionate		
09.499	Amyl isopentanoate; Pentyl 3-methylbutyrate; Pentyl-3-methyl butanoate, n-amyl isovalerianate	Pentyl 3-methylbutanoate	
09.501	Ethyl 2-benzylacetoacetate; Ethyl 2-acetyldihydrocinnamate; Ethyl alpha-acetylhydrocinnamate		
09.502	Ethyl O-butyryllactate	Ethyl 2-(butoxycarbonyl)propanoate	

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.505	04	10032-11-8	Hex-3-enyl isovalerate	3498	2344	233-104-1
09.506	04	10094-41-4	Hex-3-enyl 2-methylbutyrate	3497	2345	233-224-4
09.507	01	10032-15-2	Hexyl 2-methylbutyrate	3499	4132	233-106-2
09.508	23	7492-69-5	Benzyl 2,3-dimethylcrotonate	2143	11868	
09.509	06	7774-60-9	1-Methyl-1-phenethyl isobutyrate	2388	11828	231-876-4
09.510	30	1321-30-8	Ethyl aconitate	2417	11845	
09.511	30	77-90-7	Tributyl acetylcitrate	3080		201-067-0
09.512	30	77-93-0	Triethyl citrate	3083	11762	201-070-7
09.513	05	1733-25-1	Isopropyl 2-methylcrotonate	3229	10733	217-067-9
09.514	30	13246-52-1	Ethyl 2,4-dioxohexanoate	3278	11903	236-228-4
09.515	03	73019-14-4	Geranyl 2-ethylbutyrate	3339	11667	277-234-7
09.516	02	2445-78-5	2-Methylbutyl 2-methylbutyrate	3359	10773	219-497-2
09.517	01	2270-60-2	Methyl citronellate	3361	10781	218-874-9
09.518	25	55066-56-3	4-Methylphenyl isovalerate	3387	10545	259-465-5
09.519	01	15706-73-7	Butyl 2-methylbutyrate	3393	10534	239-798-2
09.520	30	24851-98-7	Methyl 3-oxo-2-pentyl-1-cyclopentylacetate	3408	10785	246-495-9
09.521	30	39924-52-2	Methyl 3-oxo-2-pent-2-enyl-1-cyclopentylacetate	3410	10821	214-918-6
09.522	09	5405-41-4	Ethyl 3-hydroxybutyrate	3428	10596	226-456-2
09.523	01	6624-71-1	Dodecyl isobutyrate	3452	10563	229-583-1
09.524	01	1617-23-8	Ethyl 2-methylpent-3-enoate	3456	10612	216-572-1
09.525	12	65416-14-0	Maltyl isobutyrate	3462	10739	265-755-2
09.526	01	39255-32-8	Ethyl 2-methylvalerate	3488	10616	254-384-1

FL No	Synonyms	Systematic name	Comments
09.505	3-Hexenyl isopentanoate; 3-Hexenyl isovalerate	Hex-3-enyl 3-methylbutanoate	
09.506	3-Hexenyl 2-methylbutyrate; cis-3-Hexenyl-a-methylbutyrate; Hex-3-enyl 2-methylbutanoate;		
09.507			
09.508	Benzyl methyltiglate; Benzyl 2,3-dimethyl-2-butenolate;	Benzyl-2,3-dimethylbut-2(trans)-enoate	
09.509	Dimethyl phenyl carbanyl isobutyrate; Phenylpropan-2-yl 2-methylpropionate; alpha, alpha-Dimethylbenzyl isobutyrate; 2-Phenylpropan-2-yl 2-methylpropanoate	1-Methyl-1-(2-phenylethyl) 2-methylpropanoate	
09.510	Triethyl aconitate; Ethyl 1-propene-1,2,3-tricarboxylate; Ethyl 2-carboxyglutaconate;	Triethyl propene-1,2,3-tricarboxylate	
09.511	Acetyl tributylcitrate;	Tributyl 2-acetoxy-1,2,3-propanetricarboxylate	
09.512	Ethyl citrate	Triethyl 2-hydroxy-1,2,3-propanetricarboxylate	1
09.513	Propyl iso tiglate, Isopropyl tiglate; Propyl iso alpha-Methylcrotonate, Isopropyl alpha-Methylcrotonate	Isopropyl 2-methylbut-2(trans)-enoate	
09.514	Ethyl propionylpyruvate; Ethyl-2,4-diketocaproate; ethyl propionyl pyruvate;		
09.515		3,7-Dimethyl-2(trans),6-octadienyl 2-ethylbutanoate	
09.516	2-Methylbutyl 2-methylbutanoate		
09.517	Methyl-3,7-dimethyl-oct-6-enoate	Methyl 3,7-dimethyloct-6-enoate	
09.518	p-Cresyl isopentanoate; 4-Methylphenyl 3-methylbutyrate; p-Tolyl isovalerate; p-Tolyl-3-methyl butyrate	4-Methylphenyl 3-methylbutanoate	
09.519			
09.520	Hedione; Methyl dihydrojasmonate; Methyl 2-pentyl-3-oxo-1-cyclopentyl-acetate; Jasmonic acid, (E)-dihydro-, methyl ester		
09.521	Methyl jasmonate; 2-Pentenyl cyclopentanone-3-acetic acid, methyl ester; Methyl(2-pent-2-enyl-3-oxo-1-cyclopentyl)acetate		
09.522	Ethyl 3-hydroxybutanoate; Ethyl Beta-hydroxybutyrate		
09.523	Dodecyl 2-mehyl-propanoate; Lauryl isobutyrate; Lauryl 2-methylpropionate	Dodecyl 2-methylpropanoate	
09.524			
09.525	2-Methyl-4-pyron-3-yl 2-methylpropanoate; Maltyl 2-methylpropanoate;	2-Methyl-4H-pyran-4-one-3-yl 2-methylpropanoate	
09.526	Ethyl 2-methylpentanoate;		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.527	01	53399-81-8	Ethyl 2-methylpent-4-enoate	3489	10613	258-520-0
09.528	04		trans-3-Heptenyl isobutyrate	3494	10663	
09.529	01	10032-13-0	Hexyl isovalerate	3500	10692	233-105-7
09.530	02	27625-35-0	Isopentyl 2-methylbutyrate	3505	10721	248-581-1
09.531	02	2445-77-4	2-Methylbutyl isovalerate	3506	10772	219-496-7
09.532	09	21188-58-9	Methyl 3-hydroxyhexanoate	3508	10812	244-261-0
09.533	09	105-95-3	Ethyl brassylate	3543	10571	203-347-8
09.534	01	3289-28-9	Ethyl cyclohexanecarboxylate	3544	11916	221-945-7
09.535	09	2305-25-1	Ethyl 3-hydroxyhexanoate	3545	11764	218-973-7
09.536	01	4630-82-4	Methyl cyclohexanecarboxylate	3568	11920	225-050-2
09.537	01	29811-50-5	Octyl 2-methylbutyrate	3604	10866	249-872-6
09.538	15	24817-51-4	Phenethyl 2-methylbutyrate	3632	10883	246-476-5
09.539	05	94133-92-3	Oct-3-yl 2-methylcrotonate	3676		302-757-5
09.540	01	60523-21-9	Ethyl 2-methylpenta-3,4-dienoate	3678		262-278-1
09.541	01	5870-68-8	Ethyl 3-methylvalerate	3679		227-524-4
09.542	09	3249-68-1	Ethyl 3-oxohexanoate	3683		221-835-9
09.543	30	26446-31-1	Glyceryl 5-hydroxydecanoate	3685	10648	247-699-0
09.544	30	26446-32-2	Glyceryl 5-hydroxydodecanoate	3686	10649	247-700-4
09.545	09	61931-81-5	Hex-3-enyl lactate	3690	10681	263-337-4
09.546	01	58625-95-9	Hexyl-2-methylpent-(3 and 4)-enoate	3693		
09.547	05	66576-71-4	Isopropyl 2-methylbutyrate	3699		266-411-4
09.548	09	40348-72-9	Methyl 2-hydroxy-4-methylvalerate	3706		254-883-4
09.549	01	2177-77-7	Methyl 2-methylvalerate	3707		218-543-9
09.550	09	3682-42-6	Methyl 2-oxo-3-methylvalerate	3713		

FL No	Synonyms	Systematic name	Comments
09.527			
09.528	Hept-3(trans)-enyl isobutyrate	Hept-3(trans)-enyl 2-methylpropanoate	
09.529	Hexyl isopentanoate; Hexyl isovalerianate	Hexyl 3-methylbutanoate	
09.530	Isoamyl 2-methylbutanoate; Isopentyl 2-methylbutanoate; Iso-Amyl 2-methylbutanoate	3-Methylbutyl 2-methylbutanoate	
09.531	2-Methylbutyl isopentanoate	2-Methylbutyl 3-methylbutanoate	
09.532	Methyl 3-hydroxycaproate; Methyl beta-hydroxycaproate; Methyl beta-hydroxyhexanoate		
09.533	Ethylene glycol brassylate, cyclic diester; Ethylene brassylate; Ethylene undecane dicarboxylate	1,4-Dioxacycloheptadecan-5,17-dione	
09.534			
09.535			
09.536			
09.537			
09.538	2-Phenylethyl 2-methylbutanoate; Benzylcarbiny 2-methylbutyrate; beta-Phenethyl alpha-methylbutanoate		
09.539	Oct-3-yl tiglate; 1-Ethylhexyl 2-methyl-2-butenolate; 1-Ethylhexyl 2-methylcrotonate; 3-Octyl tiglate	1-Ethylhexyl 2-methylbut-2(trans)-enoate	
09.540			
09.541			
09.542	Ethyl beta-ketohexanoate		
09.543			
09.544			
09.545		Hex-3-enyl 2-hydroxypropanoate	
09.546			
09.547			
09.548	Methyl 2-hydroxyisocaproate;		
09.549	Methyl 2-methylvalerate		
09.550	Methyl 2-keto-3-methylpentanoate; Methyl 2-keto-3-methylvalerate; Methyl 3-methyl-2-oxovalerate;		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.551	08	59259-38-0	L-Menthyl lactate	3748		261-678-3
09.552	30	91052-69-6	3-Oxodecanoic acid glyceride	3767	10650	293-231-3
09.553	30	91052-70-9	3-Oxododecanoic acid glyceride	3768	10651	293-232-9
09.554	30	91052-71-0	3-Oxohexadecanoic acid glyceride	3769	10652	293-233-4
09.555	30	91052-72-1	3-Oxohexanoic acid glyceride	3770	10653	293-235-5
09.556	30	91052-68-5	3-Oxooctanoic acid glyceride	3771	10654	293-230-8
09.557	30	91052-73-2	3-Oxotetradecanoic acid glyceride	3772	10655	293-236-0
09.558	09	108-59-8	Dimethyl malonate		11754	203-597-8
09.559	04	67883-79-8	Hex-3(cis)-enyl 2-methylcrotonate	3931		267-554-5
09.560	23	121432-33-5	Hex-3(cis)-enyl anisate			
09.561	27	65405-76-7	Hex-3(cis)-enyl anthranilate	3925	10676	265-744-2
09.562	04	56922-80-6	trans-3-Hexenyl formate	3353		260-442-7
09.563	04	41519-23-7	Hex-3(cis)-enyl isobutyrate	3929	11783	255-424-0
09.564	04	33467-74-2	Hex-3(cis)-enyl propionate	3933	10683	251-533-2
09.565	09	68133-76-6	Hex-3-enyl 2-oxopropionate	3934	10684	268-703-7
09.566	04	65405-80-3	Hex-3-enyl but-2-enoate			265-746-3
09.567	04	85554-69-4	Hex-3-enyl decanoate			287-601-3
09.568	04	53398-87-1	Hex-3-enyl hex-2-enoate	3928		
09.569	04	61444-41-5	Hex-3-enyl octanoate			262-799-4
09.570	23	65405-77-8	Hex-3-enyl salicylate		10685	265-745-8
09.571	04	35852-46-1	Hex-3-enyl valerate	3936	10686	252-761-5
09.572	04	42125-17-7	Hex-4-enyl acetate			
09.573	03	1516-17-2	Hexa-2,4-dienyl acetate		10675	216-163-8
09.574	01	629-70-9	Hexadec-1-yl acetate			211-103-7
09.575	04	61444-39-1	3-Hexenyl heptanoate			262-798-9
09.576	05	5953-49-1	sec-Hexyl acetate		10840	227-716-8
09.577	05	6963-52-6	sec-Hexyl butyrate			
09.578	01	19089-92-0	Hexyl crotonate	3354	10688	240-997-1
09.579	01	34316-64-8	Hexyl dodecanoate			251-932-1

FL No	Synonyms	Systematic name	Comments
09.551	5-Methyl-2-(1-methylethyl)cyclohexyl alpha-hydroxypropanoate; L-p-Menthan-3-yl lactate		
09.552	Glyceryl beta-ketodecanoate; Glyceryl monoester of 3-oxodecanoic acid		
09.553	Glyceryl beta-ketododecanoate; Glyceryl monoester of 3-oxododecanoic acid		
09.554	Glyceryl beta-ketohexadecanoate; Glyceryl monoester of 3-oxohexadecanoic acid		
09.555	Glyceryl beta-ketohexanoate; Glyceryl diester of 3-oxohexanoic acid		
09.556	Glyceryl beta-ketooctanoate; Glyceryl monoester of 3-oxooctanoic acid		
09.557	Glyceryl beta-ketotetradecanoate; Glyceryl monoester of 3-oxotetradecanoic acid		
09.558	Dimethyl azelate	Dimethyl propanedioate	
09.559	cis-3-Hexenyl tiglate; cis-3-Hexenyl-2-methyl-trans-2-butenolate; (Z)-3-Hexenyl 2-methylcrotonate;	Hex-3(cis)-enyl 2-methylbut-2(trans)-enoate	
09.560		Hex-3(cis)-enyl(4-methoxy)-benzoate	
09.561	(Z)-Hexenyl 2-aminobenzoate; (Z)-Hex-3-enyl anthranilate; cis-3-Hexenyl anthranilate	Hex-3(cis)-enyl 2-aminobenzoate	
09.562			5
09.563	beta, gamma-Hexenyl isobutanoate; (Z)-Hex-3-enyl isobutyrate; cis-3-Hexenyl isobutyrate	Hex-3(cis)-enyl 2-methylpropanoate	
09.564	beta, gamma-Hexenyl propanoate; (E)-Hex-2-enyl propionate; trans-2-Hexenyl propionate		
09.565	Hex-3-enyl pyruvate		5
09.566			5
09.567			5
09.568			5
09.569			5
09.570		Hex-3-enyl 2-hydroxybenzoate	
09.571	Hex-3-enyl pentanoate; cis-3-Hexenyl pentanoate; cis-3-Hexenyl valerate; (Z)-Hex-3-enyl valerate		5
09.572			
09.573			
09.574	Cetyl acetate		
09.575			5
09.576		1-Methylpentyl acetate	
09.577		1-Methylpentyl butanoate	
09.578		Hexyl but-2(trans)-enoate	
09.579			

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.580	09	20279-51-0	Hexyl lactate			243-676-4
09.581	23	6259-76-3	Hexyl salicylate		10695	228-408-6
09.582	01	42231-99-2	Hexyl tetradecanoate			255-722-0
09.583	01	1117-59-5	Hexyl valerate		10696	214-248-4
09.584	08	85586-67-0	Isobornyl isobutyrate			287-872-8
09.585	02	2445-67-2	Isobutyl 2-methylbutyrate		10710	219-492-5
09.586	02	97-86-9	Isobutyl 2-methylprop-2-enoate			202-613-0
09.587	02	30673-38-2	Isobutyl decanoate		10707	250-281-0
09.588	02	37811-72-6	Isobutyl dodecanoate		10708	253-675-0
09.589	02	110-34-9	Isobutyl hexadecanoate		10715	203-758-2
09.590	09	585-24-0	Isobutyl lactate		10709	209-551-3
09.591	02	30982-03-7	Isobutyl nonanoate		10713	250-411-6
09.592	02	646-13-9	Isobutyl octadecanoate			211-466-1
09.593	02	5461-06-3	Isobutyl octanoate		10714	226-744-8
09.594	02	25263-97-2	Isobutyl tetradecanoate		10712	246-765-6
09.596	02	10482-55-0	Isopentyl 2-methylcrotonate			233-985-2
09.597	02	25415-77-4	Isopentyl but-2-enoate			246-958-5
09.598	02	2306-91-4	Isopentyl decanoate			218-982-6
09.599	02	109-25-1	Isopentyl heptanoate		10719	203-658-9
09.600	02	81974-61-0	Isopentyl hexadecanoate		10723	279-864-8
09.601	09	19329-89-6	Isopentyl lactate		10720	242-966-8
09.602	02	62488-24-8	Isopentyl tetradecanoate		10722	263-570-1
09.603	05	6284-46-4	Isopropyl crotonate		10729	
09.604	05	2311-59-3	Isopropyl decanoate		10730	219-001-4
09.605	05	10233-13-3	Isopropyl dodecanoate			233-560-1
09.606	05	142-91-6	Isopropyl hexadecanoate		10732	205-571-1
09.608	05	5458-59-3	Isopropyl octanoate		10731	226-721-2
09.609	05	18362-97-5	Isopropyl valerate			242-235-3

FL No	Synonyms	Systematic name	Comments
09.580		Hexyl 2-hydroxypropanoate	
09.581	n-Hexyl o-hydroxybenzoate	Hexyl 2-hydroxybenzoate	
09.582			
09.583	Hexyl pentanoate		
09.584	Isobornyl 2-methylpropionate	1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl 2-methylpropanoate	
09.585		2-Methylpropyl 2-methylbutanoate	
09.586		2-Methylpropyl 2-methylprop-2-enoate	
09.587		2-Methylpropyl decanoate	
09.588		2-Methylpropyl dodecanoate	
09.589	Isobutyl palmitate	2-Methylpropyl hexadecanoate	
09.590		2-Methylpropyl 2-hydroxypropanoate	
09.591		2-Methylpropyl nonanoate	
09.592	Isobutyl stearate	2-Methylpropyl octadecanoate	
09.593		2-Methylpropyl octanoate	
09.594	Isobutyl myristate	2-Methylpropyl tetradecanoate	
09.596	Isoamyl angelate	3-Methylbutyl 2-methylbut-2(trans)-enoate	
09.597	Isoamyl 2-butenoate	3-Methylbutyl but-2-enoate	
09.598		3-Methylbutyl decanoate	
09.599		3-Methylbutyl heptanoate	
09.600	Isoamyl palmitate	3-Methylbutyl hexadecanoate	
09.601		3-Methylbutyl 2-hydroxypropanoate	
09.602	Isoamyl myristate	3-Methylbutyl tetradecanoate	
09.603		Isopropyl but-2(trans)-enoate	
09.604	Isopropyl caprate		
09.605	Isopropyl laurate		
09.606	Isopropyl palmitate		
09.608	Isopropyl caprylate		
09.609	Isopropyl pentanoate		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.610	08	579-94-2	2-Isopropyl-5-methylcyclohexyl ethoxyacetate			209-448-3
09.611	23	59230-57-8	4-Isopropylbenzyl acetate			261-671-5
09.612	04	25905-14-0	Lavandulyl acetate			247-327-7
09.614	06	10471-96-2	Linalyl valerate		10738	233-961-1
09.615	07	28839-13-6	p-Menth-1-en-9-yl acetate	3566	10748	249-266-1
09.616	08	77341-67-4	mono-Menth-3-yl succinate	3810		
09.617	06	58985-18-5	p-Menthan-8-yl acetate			261-543-9
09.618	08	2230-90-2	Menthyl formate		10751	218-768-2
09.619	08	6070-16-2	Menthyl hexanoate			228-007-6
09.620	15	26171-78-8	Menthyl phenylacetate			247-498-8
09.621	25	89-46-3	Menthyl salicylate			201-909-7
09.622	01	598-98-1	Methyl 2,2-dimethylpropionate		10790	209-959-1
09.623	23	4707-47-5	Methyl 2,4-dihydroxy-3,6-dimethylbenzoate			225-193-0
09.624	01	6622-76-0	Methyl 2-methylcrotonate			229-575-8
09.625	01	33603-30-4	Methyl 2-methylpent-3-enoate			
09.626	09	600-22-6	Methyl 2-oxopropionate		10848	209-987-4
09.627	09	139564-42-4	Methyl 3-acetoxy-2-methylbutyrate			
09.628	09	89422-42-4	Methyl 3-acetoxybutyrate			
09.629	09	21188-60-3	Methyl 3-acetoxyhexanoate		10755	244-262-6
09.630	01	924-50-5	Methyl 3-methylbut-2-enoate			213-107-4
09.631	23	99-75-2	Methyl 4-methylbenzoate			202-784-1
09.632	09	35234-22-1	Methyl 5-acetoxyhexanoate		10756	
09.633	09	101853-47-8	Methyl 5-hydroxydecanoate			
09.634	09	105-45-3	Methyl acetoacetate			203-299-8
09.635	01	96-33-3	Methyl acrylate		10759	202-500-6
09.636	01	623-43-8	Methyl crotonate			210-793-7
09.637	01	2482-39-5	Methyl dec-2-enoate		11799	219-618-9
09.638	01	7367-83-1	Methyl dec-4-enoate		10784	230-914-7
09.639	01	4493-42-9	Methyl deca-2,4-dienoate	3859		224-787-7
09.640	01	1191-03-3	Methyl deca-4,8-dienoate		10782	
09.641	01	6208-91-9	Methyl dodec-2-enoate		10792	
09.642	01	107-31-3	Methyl formate		10795	203-481-7
09.643	01	1189-09-9	Methyl geranate		10797	214-712-6
09.644	09	27871-49-4	Methyl lactate			248-704-9
09.645	01	112-63-0	Methyl linoleate	3411	713	203-993-0
09.646	01	301-00-8	Methyl linolenate	3411	714	206-102-3
09.647	01	80-62-6	Methyl methacrylate			201-297-1

FL No	Synonyms	Systematic name	Comments
09.610	Coryfin B		
09.611	Cuminylnl acetate		
09.612		5-Methyl-2-(1-methyleneethyl)hex-4-enyl acetate	
09.614	Linalyl pentanoate	1,5-Dimethyl-1-vinylhex-4-enyl pentanoate	
09.615			
09.616	Butanedioic acid, mono[5-methyl 2-(1-methyl-ethyl)cyclohexyl] ester, [1R-(1-alpha,2-beta,5-alpha)]	3-(5-methyl-2-isopropylcyclohexoxycarbonyl)propanoic acid	
09.617	Dihydro-alpha-terpinyl acetate		
09.618		p-Menthane-3-yl formate	
09.619		p-Menthane-3-yl hexanoate	5
09.620	(-)-Menthyl phenylacetate		
09.621	Menthyl 2-hydroxybenzoate	p-Menthane-3-yl 2-hydroxybenzoate	
09.622	Methyl pivalate		
09.623			
09.624	Methyl tiglate	Methyl 2-methylbut-2(trans)-enoate	
09.625			
09.626	Methyl pyruvate		
09.627			
09.628			
09.629			
09.630	Methyl senecioate		
09.631	Methyl p-toluate		
09.632			
09.633			
09.634	Methyl acetyl acetate	Methyl 3-oxobutanoate	
09.635		Methyl prop-2-enoate	
09.636	2-Butenoic acid, methyl ester	Methyl but-2(trans)-enoate	
09.637			
09.638			5
09.639			
09.640			
09.641			
09.642			
09.643		Methyl 3,7-dimethyl-2(trans),6-octadienoate	
09.644		Methyl 2-hydroxypropanoate	5
09.645	Methyl octadeca-9(cis),12(cis)-dienoate		5
09.646	Methyl octadeca-9(cis),12(cis),15(cis)-trienoate		5
09.647		Methyl 2-methylprop-2-enoate	

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.648	27	10072-05-6	Methyl N,N-dimethylanthranilate			233-202-4
09.649	27	2719-08-6	Methyl N-acetylanthranilate			220-318-5
09.650	27	41270-80-8	Methyl N-formylanthranilate			255-287-7
09.651	01	112-61-8	Methyl octadecanoate		10849	203-990-4
09.652	01	112-62-9	Methyl oleate		10836	203-992-5
09.653	01	1731-86-8	Methyl undecanoate		10854	217-053-2
09.654	30	68227-51-0	2-Methyl-5-oxocyclopent-1-enyl butyrate		11787	269-363-2
09.655	04	5205-07-2	3-Methylbut-3-enyl acetate			225-996-6
09.656	23	5205-12-9	3-Methylbut-3-enyl benzoate			
09.657	05	626-38-0	1-Methylbutyl acetate		10761	210-946-8
09.658	05	60415-61-4	1-Methylbutyl butyrate	3893	10763	262-226-8
09.659	02	51115-64-1	2-Methylbutyl butyrate			256-973-9
09.660	02	55195-23-8	2-Methylbutyl decanoate		10765	
09.661	02	35073-27-9	2-Methylbutyl formate			252-343-2
09.662	02	2601-13-0	2-Methylbutyl hexanoate		10768	220-005-3
09.663	02	2445-69-4	2-Methylbutyl isobutyrate		10770	219-493-0
09.664	02	67121-39-5	2-Methylbutyl octanoate		10776	
09.665	02	2438-20-2	2-Methylbutyl propionate		10778	219-449-0
09.666	02	93805-23-3	2-Methylbutyl tetradecanoate		10774	298-506-1
09.669	06	1118-39-4	Myrcenyl acetate		10857	214-262-0
09.670	07	29021-36-1	Myrtanyl acetate			249-371-2
09.671	06	56001-43-5	Nerolidyl acetate		10862	259-941-2
09.672	04	13049-88-2	Non-3-enyl acetate			
09.673	04	76238-22-7	Non-6-enyl acetate			278-397-7
09.674	04	76649-26-8	Nona-3,6-dienyl acetate			278-519-9
09.676	05	2051-50-5	sec-Octyl acetate		10799	218-123-5
09.677	01	4887-30-3	Octyl hexanoate		10865	225-499-4
09.678	03	74298-89-8	Pent-2-enyl hexanoate			277-808-7
09.679	01	68039-26-9	Pentyl 2-methylbutyrate		10875	268-244-2
09.680	01	7785-63-9	Pentyl 2-methylisocrotonate			232-083-6
09.681	01	5350-03-8	Pentyl dodecanoate			226-319-7
09.682	01	31148-31-9	Pentyl hexadecanoate			250-487-0
09.683	09	6382-06-5	Pentyl lactate			228-974-4
09.684	15	64181-20-0	Phenethyl crotonate		10880	
09.685	15	61810-55-7	2-Phenethyl decanoate		10881	263-237-0

FL No	Synonyms	Systematic name	Comments
09.648		Methyl N,N-dimethyl-2-aminobenzoate	
09.649		Methyl N-acetyl-2-aminobenzoate	
09.650		Methyl N-formyl-2-aminobenzoate	
09.651	Methyl stearate		
09.652	Methyl 9-octadecenoate	Methyl octadec-9-enoate	
09.653			
09.654	Methylcyclopentenolone butyrate; Maple lactone butyrate		
09.655			
09.656			
09.657	Pent-2-yl acetate		
09.658	Pent-2-yl butyrate		
09.659			
09.660			
09.661			
09.662			
09.663	2-Methylpropionic acid, 2-methylbutyl ester;	2-Methylbutyl 2-methylpropanoate	
09.664			
09.665			
09.666	Methylbutyl myristate		
09.669		7-Methyl-3-methyleneoct-1-en-7-yl acetate	
09.670		(6,6-dimethyl-bicyclo[3.1.1]heptan-2-yl)methyl acetate	
09.671		1,5,9-Trimethyl-1-vinyl-4(cis),8-decadienyl acetate	
09.672			
09.673			5
09.674			
09.676		1-Methylheptyl acetate	
09.677			
09.678			5
09.679	Amyl 2-methylbutyrate		
09.680	Amyl angelate	Pentyl 2-methylbut-2(cis)-enoate	
09.681	Amyl dodecanoate		
09.682	Amyl palmitate		
09.683		Pentyl 2-hydroxypropanoate	
09.684		Phenylethyl but-2(trans)-enoate	
09.685	Phenethyl caprate		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.686	15	10138-63-3	Phenethyl lactate			
09.687	15	23511-70-8	2-Phenoxyethyl butyrate			245-705-6
09.688	25	122-79-2	Phenyl acetate	3958	10878	204-575-0
09.689	25	118-55-8	Phenyl salicylate	3960	11814	204-259-2
09.690	22	7402-29-1	3-Phenylpropyl butyrate			231-005-8
09.691	03	10236-16-5	Phytyl acetate			233-565-9
09.692	03	1191-16-8	Prenyl acetate		11796	214-730-4
09.693	23	5205-11-8	Prenyl benzoate			225-998-7
09.694	03	68480-28-4	Prenyl formate			270-906-0
09.695	03	76649-23-5	Prenyl isobutyrate			278-516-2
09.696	23	68555-58-8	Prenyl salicylate			271-434-8
09.698	01	37064-20-3	Propyl 2-methylbutyrate		10891	253-329-9
09.699	01	10352-87-1	Propyl crotonate			233-768-2
09.700	01	30673-60-0	Propyl decanoate			250-283-1
09.701	15	7493-74-5	Allyl phenoxyacetate	2038	228	231-335-2
09.702	15	4606-15-9	Propyl phenylacetate	2955	229	225-012-5
09.703	15	122-45-2	Octyl phenylacetate	2812	230	204-545-7
09.704	15	102-22-7	Geranyl phenylacetate	2516	231	203-014-7
09.705	23	102-16-9	Benzyl phenylacetate	2149	232	203-008-4
09.706	23	102-17-0	Anisyl phenylacetate	3740	233	203-010-5
09.707	15	102-20-5	Phenethyl phenylacetate	2866	234	203-013-1
09.708	22	7492-65-1	Cinnamyl phenylacetate	2300	235	231-322-1
09.709	15	101-94-0	p-Tolyl phenylacetate	3077	236	202-990-1
09.710	17	120-24-1	Isoeugenyl phenylacetate	2477	237	204-381-6
09.711	25	4112-89-4	Guaiacyl phenylacetate	2535	238	223-898-8
09.712	15	1323-75-7	Santalyl phenylacetate	3008	239	215-358-5
09.713	23	121-98-2	Methyl 4-methoxybenzoate	2679	248	204-513-2
09.714	23	94-30-4	Ethyl 4-methoxybenzoate	2420	249	202-320-8
09.715	27	134-20-3	Methyl anthranilate	2682	250	205-132-4
09.716	27	87-25-2	Ethyl anthranilate	2421	251	201-735-1

FL No	Synonyms	Systematic name	Comments
09.686		2-Phenylethyl 2-hydroxypropanoate	
09.687			
09.688	(Acetyloxy) benzene; Phenol acetatel; Acetoxybenzene		
09.689	Salol; Phenyl 2-hydroxybenzoate	Phenyl-o-hydroxybenzoate	
09.690			
09.691		3,7,11,15- Tetramethylhexadec-2-enyl acetate	5
09.692		3-Methylbut-2-enyl acetate	
09.693		3-Methylbut-2-enyl benzoate	
09.694		3-Methylbut-2-enyl formate	
09.695		3-Methylbut-2-enyl 2-methylpropanoate	
09.696		3-Methylbut-2-enyl 2-hydroxybenzoate	
09.698			
09.699		Propyl but-2(trans)-enoate	
09.700	Propyl caprate		
09.701	Acetate P.A.; 2-Propenyl phenoxyacetate		
09.702	Propyl alpha-toluate; Propyl alpha-Toluate		
09.703	Octyl alpha-toluate		
09.704	Geranyl alpha-toluate; Trans-3,7-Dimethyl-2,6-octadien-1-yl-phenylacetate	3,7-Dimethylocta-2(trans),6-dienyl phenyl acetate	
09.705	Benzyl alpha-toluate; Phenylacetic acid, benzyl ester; Benzyl-2-phenyl ethanoate		
09.706	4-Methoxybenzyl phenylacetate; Anisyl alpha-toluate; p-Methoxybenzyl phenylacetate; Phenylacetic acid, p-methoxybenzyl ester		
09.707	Phenylethyl phenylacetate; Phenethyl alpha-toluate; 2-Phenylethyl alpha-toluate; 2-Phenylethyl phenylacetate		
09.708	3-Phenyl-2-propen-1-yl phenylacetate; Cinnamyl alpha-toluate; 3-Phenylallyl phenylacetate;	3-Phenylprop-2-enyl phenyl acetate	
09.709	p-Cresyl alpha-toluate; p-Cresyl phenylacetate; p-Tolyl alpha-Toluate;	4-Methylphenyl phenylacetate	
09.710	2-methoxy-4-phenyl phenylacetate; 4-Propenylguaiacyl phenylacetate; Isoeugenyl alpha-Toluate	2-Methoxy-4-(prop-1-enyl)phenyl phenylacetate	
09.711	o-Methylcatechol acetate; Guaiacol phenylacetate; o-Methoxyphenyl phenylacetate	2-Methoxyphenyl phenylacetate	
09.712	alpha-Santalyl phenylacetate; beta-Santalyl phenylacetate; Santalyl alpha-toluate		4
09.713	Methyl p-methoxybenzoate; Methyl p-anisate; Methyl anisate;		
09.714	Ethyl p-methoxybenzoate; Ethyl p-anisate; Ethyl anisate;		
09.715	Methyl o-Aminobenzoate; o-Amino methyl benzoate	Methyl 2-aminobenzoate	
09.716	Ethyl o-Aminobenzoate	Ethyl 2-aminobenzoate	

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.717	27	7756-96-9	Butyl anthranilate	2181	252	231-816-7
09.718	27	7779-77-3	Isobutyl anthranilate	2182	253	231-938-0
09.719	27	7493-63-2	Allyl anthranilate	2020	254	231-331-0
09.721	06	7149-26-0	Linalyl anthranilate	2637	256	230-472-5
09.722	27	7779-16-0	Cyclohexyl anthranilate	2350	257	231-920-2
09.723	15	133-18-6	Phenethyl anthranilate	2859	258	205-098-0
09.724	06	14481-52-8	alpha-Terpinyl anthranilate	3048	259	
09.725	23	93-58-3	Methyl benzoate	2683	260	202-259-7
09.726	23	93-89-0	Ethyl benzoate	2422	261	202-284-3
09.727	23	120-51-4	Benzyl benzoate	2138	262	204-402-9
09.728	22	10031-93-3	Ethyl 4-phenylbutyrate	2453	307	
09.729	22	2046-17-5	Methyl 4-phenylbutyrate	2739	308	218-067-1
09.730	22	103-36-6	Ethyl cinnamate	2430	323	203-104-6
09.731	22	7778-83-8	Propyl cinnamate	2938	324	231-916-0
09.732	22	7780-06-5	Isopropyl cinnamate	2939	325	231-949-0
09.733	22	538-65-8	Butyl cinnamate	2192	326	208-699-6
09.734	22	122-67-8	Isobutyl cinnamate	2193	327	204-564-0
09.735	22	3487-99-8	Pentyl cinnamate		328	222-478-1
09.736	06	78-37-5	Linalyl cinnamate	2641	329	201-110-3
09.737	06	10024-56-3	Terpinyl cinnamate	3051	330	233-023-1
09.738	23	103-41-3	Benzyl cinnamate	2142	331	203-109-3
09.739	22	122-69-0	Cinnamyl cinnamate	2298	332	204-566-1
09.740	22	103-26-4	Methyl cinnamate	2698	333	203-093-8

FL No	Synonyms	Systematic name	Comments
09.717	Butyl 2-Aminobenzoate; Butyl o-Aminobenzoate	Butyl 2-aminobenzoate	
09.718	Isobutyl 2-aminobenzoate; Isobutyl o-Aminobenzoate	2-Methylpropyl 2-aminobenzoate	
09.719	Allyl o-aminobenzoate; 2-Propenyl 2-aminobenzoate; 2-Propenyl anthranilate	Allyl 2-aminobenzoate	
09.721	Linalyl o-aminobenzoate; 3,7-Dimethyl-1,6-octadien-3-yl-2-aminobenzoate; Linalyl 2-aminobenzoate;	1,5-Dimethyl-1-vinylhex-4-enyl 2-amino-benzoate	
09.722		Cyclohexyl 2-aminobenzoate	
09.723	2-Phenylethyl anthranilate; Beta-Phenylethyl o-Aminobenzoate	2-Phenylethyl 2-aminobenzoate	
09.724	p-Menth-1-en-8-yl anthranilate; p-Mentha-1-en-8-yl 2-aminobenzoate; Terpinyl o-Aminobenzoate	p-Menth-1-en-8-yl 2-aminobenzoate	
09.725	Methyl benzenecarboxylate		
09.726	Ethyl benzenecarboxylate; Ethyl benzene carboxylate		
09.727	Benzoic acid benzyl ester; Benzyl benzenecarboxylate; Benzyl phenylformate		
09.728	Butanoic acid, 4-methyl, ethyl ester; Ethyl 4-phenyl-butanoate;		
09.729	Methyl gamma-phenylbutyrate		
09.730	Ethyl beta-phenylacrylate; Ethyl trans-cinnamate; Ethyl 3-phenylpropenoate; Ethyl phenylacrylate;	Ethyl 3-phenylprop-2-enoate	
09.731	n-propyl 3-phenylpropenoate; n-Propyl beta-phenylacrylate;	Propyl 3-phenylprop-2-enoate	
09.732	Propyl iso cinnamate; Isopropyl 3-phenylpropenoate; 1-Methylethyl 3-phenylpropenoate;	Isopropyl 3-phenylprop-2-enoate	
09.733	Butyl 3-phenylpropenoate; Butyl beta-Phenylacrylate; n-Butyl phenylacrylate; Cinnamic acid, butyl ester;	Butyl 3-phenylprop-2-enoate	
09.734	2-Methylpropyl beta-phenylacrylate; 2-Methylpropyl 3-phenylpropenoate; Isobutyl beta-phenylacrylate;	2-Methylpropyl 3-phenylprop-2-enoate	
09.735	Amyl cinnamate; Cinnamic acid amyl ester; Pentyl-3-phenyl prop-2-enoate;	Pentyl 3-phenylprop-2-enoate	
09.736	3,7-Dimethyl-1,6-octadien-3-yl cinnamate; Linalyl 3-phenylpropenoate; 3,7-Dimethyl-1,6-octadien-3-yl beta-phenylacrylate	1,5-Dimethyl-1-vinylhex-4-enyl 3-phenylp-rop-2-enoate	
09.737	Terpinyl 3-phenylpropenoate; Terpinyl beta-Phenylacrylate;	p-Menth-1-en-8-yl cinnamate	5
09.738	Cinnamein; Benzyl beta-phenylacrylate; 2-Propenoic acid, 3-phenyl, phenylmethyl ester;	Benzyl 3-phenylprop-2-enoate	
09.739	Styracin; Phenylallyl cinnamate; 3-Phenyl-2-propen-1-yl 3-phenylpropenoate	3-Phenylprop-2-enyl 3-Phenylprop-2-enoate	
09.740	Methyl 3-phenylpropenoate; Methyl-3-phenyl prop-2-enoate;	Methyl 3-phenylprop-2-enoate	

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.741	22	1866-31-5	Allyl cinnamate	2022	334	217-477-8
09.742	22	7779-65-9	Isopentyl cinnamate	2063	335	231-931-2
09.743	15	103-53-7	Phenethyl cinnamate	2863	336	203-120-3
09.744	22	7779-17-1	Cyclohexyl cinnamate	2352	337	231-921-8
09.745	22	122-68-9	3-Phenylpropyl cinnamate	2894	338	204-565-6
09.746	22	103-25-3	Methyl 3-phenylpropionate	2741	427	203-092-2
09.747	22	2021-28-5	Ethyl 3-phenylpropionate	2455	429	217-966-6
09.748	23	118-61-6	Ethyl salicylate	2458	432	204-265-5
09.749	23	119-36-8	Methyl salicylate	2745	433	204-317-7
09.750	23	87-19-4	Isobutyl salicylate	2213	434	201-729-9
09.751	23	87-20-7	Isopentyl salicylate	2084	435	201-730-4
09.752	23	118-58-1	Benzyl salicylate	2151	436	204-262-9
09.753	15	87-22-9	Phenethyl salicylate	2868	437	201-732-5
09.754	23	94-26-8	Butyl 4-hydroxybenzoate	2203	525	202-318-7
09.755	23	94-46-2	Isopentyl benzoate	2058	562	202-334-4
09.756	15	94022-06-7	Isobornyl phenylacetate		566	301-499-0
09.757	23	120-50-3	Isobutyl benzoate	2185	567	204-401-3
09.758	15	3549-23-3	Methyl p-tert-butylphenylacetate	2690	577	222-602-4
09.761	15	5137-52-0	Pentyl phenylacetate		612	225-895-7
09.762	23	2050-08-0	Pentyl salicylate		613	218-080-2
09.763	23	2052-14-4	Butyl salicylate	3650	614	218-142-9
09.764	27	38446-21-8	Ethyl N-ethylanthranilate		629	253-935-3

FL No	Synonyms	Systematic name	Comments
09.741	Allyl-beta-phenylacrylate; Propenyl cinnamate; Allyl-3-phenyl propenoate; Allyl beta-phenylacrylate	Allyl 3-phenylprop-2-enoate	
09.742	Penty iso cinnamate; Isoamyl cinnamate; Isopentyl 3-phenylpropenoate; Isopentyl beta-phenylacrylate;	3-Methylbutyl 3-phenylprop-2-enoate	
09.743	Benzyl carbinyl cinnamate; Benzylcarbinyl cinnamate; 2-Phenylethyl 3-phenylpropenoate; beta-Phenethyl beta-phenylacrylate;	Phenethyl 3-phenylprop-2-enoate	
09.744	Cyclohexyl 3-phenylpropenoate; Cyclohexyl beta-phenylacrylate; Cyclohexyl-3-phenyl prop-2-enoate;	Cyclohexyl 3-phenylprop-2-enoate	
09.745	Hydrocinnamyl cinnamate; Phenylpropyl cinnamate; Hydrocinnamyl 3-phenylpropenoate; 3-Phenylpropyl beta-phenylacrylate	3-Phenylpropyl 3-phenylprop-2-enoate	
09.746	Methyl hydrocinnamate; Methyl Dihydrocinnamate;		
09.747	Ethyl hydrocinnamate; Ethyl dihydrocinnamate;		
09.748	Salicylic ether; Salicylic acid, ethyl ester	Ethyl 2-hydroxybenzoate	
09.749		Methyl 2-hydroxybenzoate	
09.750	2-Methyl-1-propyl salicylate; 2-Methylpropyl o-hydroxybenzoate; Butyl salicylate; Isobutyl o-Hydroxybenzoate;	2-Methylpropyl 2-hydroxybenzoate	
09.751	Isopentyl o-hydroxybenzoate; Salicylic acid, isopentyl ester; Isoamyl o-hydroxybenzoate; 3-Methylbutyl salicylate;	3-Methylbutyl 2-hydroxybenzoate	
09.752	Benzoic acid, 2-hydroxy, phenylmethyl ester; Benzyl o-hydroxybenzoate; Salicylic acid, benzyl ester;	Benzyl 2-hydroxybenzoate	
09.753	2-Phenylethyl salicylate; Benzylcarbinyl 2-hydroxybenzoate; Benzylcarbinyl salicylate;	2-Phenylethyl 2-hydroxybenzoate	
09.754	Butyl p-hydroxy benzoate; Butyl parasept; p-Hydroxybenzoic acid butyl ester		4
09.755	Isoamyl benzoate; Pentyl iso benzoate; Amyl iso benzoate; Isopentyl phenyl methanoate	3-Methylbutyl benzoate	
09.756	exo-2-Bornyl phenylacetate	1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl phenylacetate	
09.757	Isobutyl phenyl methanoate	2-Methylpropyl benzoate	
09.758		Methyl 4-(1,1-dimethylethyl)phenylacetate	
09.761	Amyl phenylacetate;		
09.762	Isoamyl o-hydroxybenzoate; Isoamyl salicylate	Pentyl 2-hydroxybenzoate	
09.763	Butyl (2-hydroxy-phenyl)-methanoate;	Butyl 2-hydroxybenzoate	
09.764		Ethyl N-ethyl-2-aminobenzoate	

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.765	27	35472-56-1	Ethyl N-methylantranilate		632	
09.766	18	531-26-0	Eugenyl benzoate	2471	636	208-504-4
09.767	23	94-48-4	Geranyl benzoate	2511	639	202-337-0
09.768	23	6789-88-4	Hexyl benzoate	3691	645	229-856-5
09.769	27	65505-24-0	Isobutyl N-methylantranilate		649	265-798-7
09.770	23	939-48-0	Isopropyl benzoate	2932	652	213-361-6
09.771	06	126-64-7	Linalyl benzoate	2638	654	204-796-2
09.772	06	7143-69-3	Linalyl phenylacetate	3501	655	230-444-2
09.774	15	94-47-3	Phenethyl benzoate	2860	667	202-336-5
09.776	23	2315-68-6	Propyl benzoate	2931	677	219-020-8
09.779	23	136-60-7	Butyl benzoate		740	205-252-7
09.780	22	5320-75-2	Cinnamyl benzoate		743	226-180-2
09.781	27	85-91-6	Methyl N-methylantranilate	2718	756	201-642-6
09.782	22	10032-08-3	Heptyl cinnamate	2551	2104	
09.783	15	101-41-7	Methyl phenylacetate	2733	2155	202-940-9
09.784	15	101-97-3	Ethyl phenylacetate	2452	2156	202-993-8
09.785	15	139-70-8	Citronellyl phenylacetate	2315	2157	205-373-5
09.786	15	4861-85-2	Isopropyl phenylacetate	2956	2158	225-468-5
09.787	15	122-43-0	Butyl phenylacetate	2209	2159	204-543-6
09.788	15	102-13-6	Isobutyl phenylacetate	2210	2160	203-007-9
09.789	15	102-19-2	3-Methylbutyl phenylacetate	2081	2161	203-012-6
09.790	03	1797-74-6	Allyl phenylacetate	2039	2162	217-281-2
09.791	15	10486-14-3	Rhodinyl phenylacetate	2985	2163	234-003-5
09.796	23	606-45-1	Methyl 2-methoxybenzoate	2717	2192	210-118-6
09.797	15	67028-40-4	Ethyl (p-tolyloxy)acetate	3157	2243	266-554-2
09.798	23	617-05-0	Ethyl vanillate		2302	210-503-9
09.799	23	3943-74-6	Methyl vanillate		2305	223-525-9

FL No	Synonyms	Systematic name	Comments
09.765		Ethyl N-methyl-2-aminobenzoate	
09.766	Benzoyl eugenol; Eugenol benzoate	4-Allyl-2-methoxyphenyl benzoate	
09.767	Geraniol benzoate; trans-3,7-Dimethyl-2,6-octadien-1-yl-benzoate	3,7-Dimethylocta-2(trans),6-dienyl benzoate	
09.768	n-Hexyl benzoate; Hexyl phenyl methanoate		
09.769		2-Methylpropyl N-methyl-2-aminobenzoate	
09.770	Propyl iso benzoate; 1-Methylethyl benzoate		
09.771	Linalool benzoate; 3,7-Dimethyl-1,6-octadien-3-yl benzoate	1,5-Dimethyl-1-vinylhex-4-enyl benzoate	
09.772	Linalyl alpha-toluate; 3,7-Dimethyl-1,6-octadien-3-yl phenylacetate; Linalyl alpha-Toluate	1,5-Dimethyl-1-vinylhex-4-enyl phenylacetate	
09.774	2-Phenylerhyl benzoate; BenzylcarbinyI benzoate		
09.776	Propyl phenyl methanoate		
09.779	n-Butyl benzoate		
09.780	3-Phenylallyl benzoate;	3-Phenylprop-2-enyl benzoate	
09.781	Dimethyl anthranilate; 2-Methylamino methyl benzoate; Methyl 2-Methylamonobenzoate; Methyl o-Methylaminobenzoate	Methyl N-methyl-2-aminobenzoate	
09.782	Heptyl-beta-phenylacrylate; Heptyl-3-phenyl propenoate;	Heptyl 3-phenylprop-2-enoate	
09.783	Methyl alpha-toluate; Methyl Alpha-Toluate		
09.784	Ethyl alpha-toluate; Alpha-Toluic acid, ethyl ester; Ethyl Alpha-Toluate		
09.785	3,7-Dimethyl-6-octen-1-yl phenylacetate; Citronellyl alpha-Toluate	3,7-Dimethyloct-6-enyl phenylacetate	
09.786	Isopropyl Alpha-Toluate		
09.787	Butyl Alpha-Toluate		
09.788	Isobutyl alpha-toluate	2-Methylpropyl phenylacetate	
09.789	Isoamyl phenylacetate; Isopentyl phenylacetete; Isoamyl Alpha-Toluate		
09.790	Allyl alpha-toluate; 2-Propenyl phenylacetate		
09.791	alpha-Citronellyl phenylacetate; 3,7-Dimethyl-7-octen-1-yl phenylacetate; Rhodinyl alpha-toluate	3,7-Dimethyloct-7-enyl 2-phenylacetate	5
09.796	o-Methoxybenzoic acid methyl ester; Dimethyl salicylate; Methyl o-anisate; Methyl salicylate o-methyl ether		
09.797	Ethyl cresoxyacetate; Vinigar naphtha	Ethyl (4-methylphenoxy)acetate	
09.798		Ethyl 4-hydroxy-3-methoxybenzoate	
09.799		Methyl 4-hydroxy-3-methoxybenzoate	

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.801	27	63449-68-3	2-Naphthyl anthranilate	2767	11862	264-155-8
09.802	22	2983-36-0	Ethyl 2-ethyl-3-phenylpropionate	3341	10587	221-042-8
09.803	23	19224-26-1	Propylene glycol dibenzoate	3419	10890	242-894-7
09.804	15	5421-17-0	Hexyl phenylacetate	3457	10694	226-537-2
09.805	15	42436-07-7	Hex-3(cis)-enyl phenylacetate	3633	10682	255-826-6
09.806	23	25152-85-6	Hex-3-enyl benzoate	3688	11778	246-669-4
09.807	25	617-01-6	o-Tolyl salicylate	3734		210-500-2
09.808	06	134-28-1	Guaiyl acetate		10659	205-135-0
09.809	07	15111-97-4	p-Mentha-1,8(10)-dien-9-yl acetate		10743	239-164-5
09.811	23	20665-85-4	Vanillin isobutyrate	3754		243-956-6
09.812	23	614-33-5	Glyceryl tribenzoate	3398	10656	210-379-6
09.813	01	3681-78-5	Propyl dodecanoate			222-961-7
09.814	01	2239-78-3	Propyl hexadecanoate		10893	218-803-1
09.815	09	616-09-1	Propyl lactate			210-464-8
09.816	01	624-13-5	Propyl octanoate		10892	210-830-7
09.817	15	10521-96-7	Styryl acetate			234-065-3
09.818	03	29548-30-9	3,7,11-Trimethyldodeca-2,6,10-trienyl acetate			249-689-1
09.819	02	58430-94-7	3,5,5-Trimethylhexyl acetate			261-245-9
09.820	01	1731-81-3	Undecyl acetate		10906	217-051-1
09.821	08	117-98-6	Vetiveryl acetate		11887	204-225-7
09.822	03	108-22-5	iso-Propenyl acetate			203-562-7
09.824	09	607-97-6	Ethyl 2-acetylbutyrate			210-151-6
09.825	23	2049-96-9	Pentyl benzoate		2307	218-077-6
09.828	01	2396-85-2	Methyl-2-octenoate	3712	11800	219-259-8
09.829	01	5452-75-5	Ethyl cyclohexyl acetate	2348	218	226-695-2
09.830	06	8007-35-0	Terpineol acetate	3047	205	201-265-7
09.831	01	13058-12-3	Ethyl 3,7-dimethyl-2,6-octadienoate			235-948-6
09.832	09	21188-61-4	Ethyl 3-acetohexanoate		10566	244-263-1
09.833	09	21884-26-4	iso-Propyl 4-oxopentanoate			244-630-6
09.835	23	42175-41-7	Benzyl decanoate			255-696-0
09.836	22	60045-26-3	3-Phenylpropyl benzoate			
09.837	22	60045-27-4	3-Phenylpropyl 3-phenylpropionate			262-036-5
09.838	04	67633-96-9	3-Hexenyl methyl carbonate			266-797-4
09.839	01	72928-48-4	Decyl 3-methylbutyrate			277-077-4
09.840	01	84788-08-9	Propyl-2,4-decadienoate	3648	10889	284-147-8
09.841	03	85554-72-9	2-Hexenyl octanoate			287-605-5
09.842	08	156679-39-9	Menthol ethylene glycol carbonate	3805		

FL No	Synonyms	Systematic name	Comments
09.801	2-Naphthyl o-Aminobenzoate	Naph-2-yl 2-aminobenzoate	
09.802	Ethyl alpha-ethyldihydrocinnamate; Ethyl benzylbutyrate; Ethyl 2-ethyldihydrocinnamate;		
09.803	1,2-Propanediol dibenzoate	Propan-1,2-diyl dibenzoate	
09.804	Hexyl Alpha-Toluate; Phenylacetic acid, hexyl ester		
09.805	beta,gamma-Hexenyl alpha-toluate; 3-Hexenyl alpha-toluate; beta, gamma-Hexenyl alpha-toluate; cis-Hexenyl phenylacetate		
09.806	3-Hexen-1-ol, benzoate		5
09.807	2-Methylphenyl 2-hydroxybenzoate; o-Cresyl salicylate;	2-Hydroxy-2-methylphenylbenzoate	
09.808	Guaiol acetate; Guaiacwood acetate; Guaiac acetate	6,10-Dimethyl-3-(1-methyl ethyl acetate)-bicyclo[5.3.0] dec-1(7)-ene	5
09.809	Limonen-9-yl acetate		
09.811	4-Isobutyryl-m-anisaldehyde; 3-Methoxy-4-isobutyrylbenzaldehyde; 4-formyl-2-methoxy-phenyl 2-methylpropionate	4-Formyl-2-methoxyphenyl 2-methylpro-panoate	
09.812		Propanetri-1,2,3-yl tribenzoate	4
09.813	Propyl laurate		
09.814	Propyl palmitate		
09.815		Propyl 2-hydroxypropanoate	
09.816	Propyl caprylate		
09.817		2-Phenylethenyl acetate	
09.818	Farnesyl acetate		
09.819			
09.820			
09.821	Vetiver acetate; Vetivert acetate	2,6-Dimethyl-9-(1-methylethylidene)-bi-cyclo[5.3.0]dec-2-en-4-yl acetate	
09.822			
09.824			
09.825	Amyl benzoate; Isoamyl benzoate; 3-Methyl-1-butyl benzoate		
09.828			5
09.829			5
09.830			5
09.831	Ethyl geranate		
09.832			5
09.833	Isopropyl laevulinate		
09.835			
09.836			
09.837			
09.838			5
09.839			
09.840			
09.841			5
09.842			

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.843	08	30304-82-6	Menthol 1-and 2-propylene glycol carbonate	3806		
09.845	08	1205-42-1	cis-2-Methyl-5-(1-methylethenyl)-2-cyclohexen-1-yl acetate			214-883-7
09.846	04	2315-09-5	3-Hexenyl formate	3353	2153	219-017-1
09.848	08	5655-61-8	(1S-endo)-1,7,7-Trimethylbicyclo[2.2.1]heptan-2-ol acetate			227-101-4
09.849	05	10250-45-0	2,6-Dimethyl-4-heptyl acetate			233-588-4
09.850	01	27829-72-7	Ethyl trans-2-hexenoate	3675	631	248-681-5
09.852	23	51115-63-0	2-Methylbutyl 2-hydroxybenzoate			256-972-3
09.853	23	52513-03-8	2-Methylbutyl benzoate			257-982-0
09.854	04	53398-85-9	cis-3-Hexenyl 2-methylbutanoate	3497	2345	258-517-4
09.855	04	56922-82-8	trans-3-Hexenyl hexanoate			260-444-8
09.856	04	65405-80-3	cis-3-Hexenyl crotonate			265-746-3
09.857	09	63270-14-4	Nonanediol diacetate	2783		264-060-1
09.858	23	67674-41-3	Phenylmethyl 2-methyl-2-butenolate	3330	2184	266-880-5
09.862	09	85554-66-1	Ethyl 3-acetoxy octanoate			287-598-9
09.863	09	638-33-5	2-Methylbutyl lactate		10769	
09.865	01	20290-84-0	Hexyl 9-octadecenoate			243-692-1
09.866	03		Allyl valerate			
09.868	05		sec-Butyl 2-methylcrotonate			
09.870	08		Carvyl-3-methylbutyrate			
09.871	04		Citronellyl decanoate			
09.872	04		Citronellyl dodecanoate			
09.874	30		Di(2-methylbutyl) malate			
09.878	18	61114-24-7	Eugenyl isovalerate			
09.880	05		Hept-4-enyl-2 butyrate			
09.881	03		Hex-2(trans)-enyl isobutyrate			
09.883	04		Hex-3(cis)-enyl methyl carbonate			
09.884	04		Hex-3-enyl-2-ethylbutyrate			
09.885	04		Hex-3-enyl hexadecanoate			
09.887	01	16930-96-4	Hexyl tiglate			
09.888	08		Isobornyl 2-methylbutyrate			
09.889	02		Isobutyl 2-methylcrotonate			
09.890	04		Isoprenyl 2-methylbutyrate			
09.893	25		2-Isopropyl-5-methylphenyl formate			
09.894	17		2-Methoxy-4-(prop-1-enyl)phenyl 3-methylbutyrate			
09.895	23		4-Methoxybenzyl-2-methylpropionate			
09.896	03		2-Methylbut-2-enyl formate			

FL No	Synonyms	Systematic name	Comments
09.843			
09.845			
09.846			5
09.848			
09.849		1-isobutyl-3-methylbutyl acetate	
09.850			5
09.852			5
09.853			
09.854			5
09.855			
09.856		cis-3-Hexenyl trans-2-butenolate	5
09.857		Nonane-1,3-diyl diacetate	
09.858			
09.862			
09.863		2-Methylbutyl 2-hydroxypropanoate	
09.865	Hexyl oleate		
09.866	Allyl pentanoate		
09.868	2- Butyl tiglate	1-Methylpropyl 2-methylbut-2(trans)-enoate	
09.870	Carvyl isopentanoate	p-Mentha-6,8-dienyl-2-methylbutanoate	
09.871	Citronellyl caprate	3,7-Dimethyloct-6-enyl decanoate	
09.872	Citronellyl laurate	3,7-Dimethyloct-6-enyl dodecanoate	
09.874		Di-(2-methylbutyl) 2-hydroxybutanedioate	
09.878		4-Allyl-2-methoxyphenyl 3-methylbut-anoate	
09.880		1-Methylhex-3-enyl butyrate	
09.881		Hex-2(trans)-enyl 2-methylpropanoate	
09.883			
09.884			
09.885	3- Hexenyl palmitate		
09.887		Hexyl 2-methylbut-2(trans)-enoate	
09.888		1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl 2-methylbutanoate	
09.889	Isobutyl tiglate	2-Methylpropyl 2-methylbut-2(trans)-enoate	
09.890		2-Methyl-1,3-butadienyl 2-methylbut-anoate	
09.893	Thymyl formate		
09.894	Isoeugenyl isopentanoate		
09.895			
09.896			

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
09.897	04		3-Methylbut-3-en-1-yl butyrate			
09.898	04		3-Methylbut-3-en-1-yl hexanoate			
09.899	07		Myrtenyl-2-methylbutyrate			
09.900	07		Myrtenyl-3-methylbutyrate			
09.903	03		Prenyl 3-methylbut-2-enoate			
09.914	30		Diethyl citrate (asymm)			
09.915	23	94-13-3	Propyl 4-hydroxybenzoate	2951	678	202-307-7
09.916	09	7367-90-0	Ethyl 3-hydroxyoctanoate		10603	230-919-4
10.001	09	104-61-0	Nonano-1,4-lactone	2781	178	203-219-1
10.002	09	104-67-6	Undecano-1,4-lactone	3091	179	203-225-4
10.003	09	7779-50-2	Hexadec-6-eno-1,16-lactone	2555	180	231-929-1
10.004	09	106-02-5	Pentadecano-1,15-lactone	2840	181	203-354-6
10.005	11	17369-59-4	3-Propyridenepthalide	2952	494	241-402-8
10.006	09	96-48-0	Butyro-1,4-lactone	3291	615	202-509-5
10.007	09	705-86-2	Decano-1,5-lactone	2361	621	211-889-1
10.008	09	713-95-1	Dodecano-1,5-lactone	2401	624	211-932-4
10.009	09	18679-18-0	Dodec-6-eno-1,4-lactone	3780	625	242-497-9
10.010	09	823-22-3	Hexano-1,5-lactone	3167	641	212-511-8
10.011	09	710-04-3	Undecano-1,5-lactone	3294	688	211-915-1
10.012	13	591-12-8	5-Methylfuran-2(3H)-one	3293	731	209-701-8
10.013	09	108-29-2	Pentano-1,4-lactone	3103	757	203-569-5
10.014	09	3301-94-8	Nonano-1,5-lactone	3356	2194	221-974-5
10.015	09	698-76-0	Octano-1,5-lactone	3214	2195	211-820-5
10.016	09	2721-22-4	Tetradecano-1,5-lactone	3590	2196	220-334-2
10.017	09	706-14-9	Decano-1,4-lactone	2360	2230	211-892-8
10.018	09	7774-47-2	4-Butyloctano-1,4-lactone	2372	2231	231-875-9
10.019	09	2305-05-7	Dodecano-1,4-lactone	2400	2240	218-971-6
10.020	09	105-21-5	Heptano-1,4-lactone	2539	2253	203-279-9

FL No	Synonyms	Systematic name	Comments
09.897			
09.898			
09.899		(6,6-Dimethylbicyclo[3.3.1]hept-2-en-2-yl)methyl 2-methylbutanoate	
09.900	Myrtenyl isovalerate	(6,6-dimethyl-bicyclo[3.1.1]hept-2-enyl)methyl isopentanoate	
09.903		3-Methylbut-2-enyl 3-methylbut-2-enoate	
09.914			
09.915			
09.916			
10.001	gamma-Nonalactone; 4-Hydroxynonanoic acid gamma-lactone; Aldehyde C-18 (so-called); Prunolide; gamma-Amyl butyrolactone; Nonanolide-1,4;		
10.002	gamma-Undecalactone; Aldehyde C-14 (so-called); gamma-Undecyl lactone; gamma-Heptyl butyrolactone; 1,4-Hendecanolide		
10.003	Ambrettolide; omega-6-hexadecenlactone; 16-Hydroxy-7-hexadecenoic acid lactone; Cyclohexadecen-7-olide; 6-Hexadecenolide		5
10.004	Exaltolide; omega-pentadecalactone; Angelica lactone; Muscolactone; 15-Hydroxytetradecanoic acid lactone; 1,15-epoxypentadecan-1-one; Cyclopentadecanolide; 15-Pentadecanolide		
10.005			
10.006	4-Hydroxybutanoic acid lactone; gamma-butyrolactone; 1,4-Epoxy butan-1-one; 2-Oxo oxolen; Dihydro-2-(3H) furanone; 3 (or 4-)-hydroxybutyric acid, lactone; 1,2-butanolide;		
10.007	delta-Decalactone; Decanolide-1,5; Amyl-delta-valerolactone; delta-n-Amyl-delta-valerolactone;		
10.008	delta-Dodecalactone; n-Heptyl-delta-valerolactone; 5-Hydroxydodecanoic acid delta-lactone; delta-Heptyl-delta-valerolactone; Dodecanolide-1,5		
10.009	gamma-Dodecen-6-lactone; 4-Hydroxy-6-dodecenoic acid lactone; Dihydro-5(2-octenyl)-2(3H)-furanone; cis-6-Dodecen-4-olide;		5
10.010	delta-hexalactone; 5-Hydroxyhexanoic acid lactone; delta-Caprolactone; 5-Methyl-d-valerolactone; 5-Methyl-5-Hydroxypentanoic acid lactone;		
10.011	5-Hydroxyundecanoic acid lactone; Undecanolide-1,5; alpha-n-hexyl-delta-valerolactone; 5-n-Hexyl-5-hydroxypentanoic acid lactone;		
10.012	4-Hydroxy-3-pentenoic acid lactone; Pent-3-en-1,4-lactone; beta-gamma-Angelica lactone; 5-Methyl-2-(3H)furanone; gamma-Methyl-beta-butenolide;		
10.013	gamma-Valerolactone; 4-Hydroxypentanoic acid lactone; gamma-Methyl-gamma-butyrolactone; gamma-Pentalactone; 4-Valerolactone; 4-Pentanolide;		
10.014	delta-Nonalactone; 5-Hydroxynonanoic acid lactone; Nonanolide-1,5; n-Butyl-delta-valerolactone;		
10.015	5-Hydroxyoctanoic acid lactone; delta-Octalactone; Tetrahydro-6-propyl-5-hydroxy-2H-pyran-2-one		
10.016	delta-Tetradecalactone; 5-Hydroxytetradecanoic acid lactone; 2H-Pyran-2-one, Tetrahydro-6-nonyl-;		
10.017	gamma-Decalactone; gamma-n-Decalactone; Decanolide-1,4; gamma-n-Hexyl-gamma-butyrolactone;		
10.018	4,4-Dibutyl-4-hydroxybutyric acid, gamma-lactone; 4-Butyl-4-hydroxyoctanoic acid lactone;		
10.019	gamma-Dodecalactone; Dodecanolide-1,4; gamma-n-octyl-gamma-n-butyrolactone; Dodecanolide-1		
10.020	Heptanolide-1,4; gamma-Heptalactone; Heptanolide-(4,1); 4-Hydroxyheptanoic acid, gamma-lactone;		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
10.021	09	695-06-7	Hexano-1,4-lactone	2556	2254	211-778-8
10.022	09	104-50-7	Octano-1,4-lactone	2796	2274	203-208-1
10.023	13	698-10-2	5-Ethyl-3-hydroxy-4-methylfuran-2(5H)-one	3153	2300	211-811-6
10.024	11	551-08-6	3-Butylenephthalide	3333	10083	208-991-3
10.025	11	6066-49-5	3-Butylphthalide	3334	10084	228-000-8
10.026	09	40923-64-6	3-Heptyldihydro-5-methyl-2(3H)-furanone	3350	10953	255-141-2
10.027	09	499-54-7	3,7-Dimethyloctano-1,6-lactone	3355	11833	207-882-8
10.028	09	16429-21-3	Dodecano-1,6-lactone	3610		240-483-7
10.029	09	5579-78-2	Decano-1,6-lactone	3613		226-963-9
10.030	13	28664-35-9	3-Hydroxy-4,5-dimethylfuran-2(5H)-one	3634	11834	249-136-4
10.031	09	27593-23-3	6-Pentyl-2H-pyran-2-one	3696	10967	248-552-3
10.033	09	34686-71-0	Dec-7-eno-1,5-lactone	3745		247-074-2
10.034	13	80417-97-6	5,6-Dihydro-3,6-dimethylbenzofuran-2(4H)-one	3755		279-462-2
10.035	09	68959-28-4	Undec-8-eno-1,5-lactone	3758		273-411-8
10.036	11	13341-72-5	5,6,7,7a-Tetrahydro-3,6-dimethylbenzofuran-2(4H)-one	3764		236-390-6
10.037	09	54814-64-1	Dec-2-eno-1,5-lactone	3744		259-359-9
10.038	09	67114-38-9	Dec-7-eno-1,4-lactone			
10.039	09	63095-33-0	cis-Dec-7-eno-1,4-lactone			263-852-4
10.040	09	32764-98-0	Dec-8-eno-1,5-lactone			251-201-7
10.041	13	10547-84-9	3,4-Dimethyl-5-pentylfuran-2(5H)-one			
10.042	13	774-64-1	3,4-Dimethyl-5-pentylidenefuran-2(5H)-one		11873	
10.043	09	74183-60-1	2,7-Dimethylocta-5(trans),7-dieno-1,4-lactone			
10.044	09	16400-72-9	Dodec-2-eno-1,5-lactone	3802		240-453-3
10.045	09	3301-90-4	Heptano-1,5-lactone		10660	221-972-4
10.046	13	2407-43-4	Hex-2-eno-1,4-lactone			219-304-1
10.047	09	109-29-5	Hexadecano-1,16-lactone			203-662-0
10.048	09	730-46-1	Hexadecano-1,4-lactone		10673	
10.049	09	7370-44-7	Hexadecano-1,5-lactone		10674	230-924-1
10.050	13	92015-65-1	Hexahydro-3,6-dimethyl-2(3H)-benzofuranone			
10.051	09	7011-83-8	5-Hexyl-5-methyldihydrofuran-2(3H)-one	3786		230-291-1
10.052	09	33673-62-0	3-Methylnonano-1,4-lactone			251-629-4
10.053	09	39212-23-2	3-Methyloctano-1,4-lactone	3803	10535	254-357-4
10.054	13	21963-26-8	Non-2-eno-1,4-lactone			244-685-6
10.055	09	542-28-9	Pentano-1,5-lactone		10907	208-807-1
10.056	11	87-41-2	Phthalide			201-744-0
10.057	11	57743-63-2	3a,4,5,7a-Tetrahydro-3,6-dimethylbenzofuran-2(3H)-one			
10.058	09	7370-92-5	Tridecano-1,5-lactone		10902	230-927-8
10.059	09	123-69-3	Hexadec-7-en-1,16-lactone			203-644-5
10.060	13	2518-53-8	2-Decen-1,4-lactone			219-742-3
10.061	13	70851-61-5	cis-5-Hexenyldihydro-5-methylfuran-2(3H)-one	3937		274-942-8
10.063	09	28645-51-4	Hexadec-9-en-1,16 lactone			249-120-7
10.065	13		2,3-Dimethylnon-2-eno-1,4-lactone			

FL No	Synonyms	Systematic name	Comments
10.021	gamma-Hexalactone; Hexanolide-1,4; gamma-Ethyl-n-butyrolactone; Tonkalide; gamma-Caprolactone; Ethyl butyrolactone;		
10.022	gamma-Octalactone; Octanolide-1,4; gamma-n-Butyl-gamma-butyrolactone		
10.023	Emoxyfurone; 2,4-Dihydroxy-3-methyl-2-hexenoic acid, gamma lactone; 2-Ethyl-3-methyl-4-hydroxydihydro-2,5-furan-5-one;		
10.024			
10.025			
10.026	alpha-Heptyl-gamma-valerolactone; alpha-n-Heptyl-8-valerolactone;		
10.027	Menthane lactone; 6-Hydroxy-3,7-dimethyl caprylic acid, lactone; 4-Methyl-7-isopropyl-2-oxoepanone; Menthone lactone;		
10.028	epsilon-Dodecalactone; 7-Hexyl-2-oxepanone		
10.029	epsilon-Decalactone; 7-Butyl-2-oxepanone; 6-Butylhexanolide;		
10.030	2-Hydroxy-3-methylpent-2-en-1,4-lactone; 2,3-Dimethyl-4-hydroxy-2,5-dihydro-furan-5-on		
10.031	6-Pentyl-alpha-pyrone; 2H-Pyran-2-one, 6-pentyl-		
10.033	2H-Pyran-2-one, tetrahydro-6-(2-pentenyl)-, (Z); 7-Decen-5-olide;		
10.034	Dehydromenthofurolactone; 2(4H)-Benzofuranone, 5,6-dihydro-3,6-dimethyl-, (R)-;		
10.035	5-Hydroxyundec-8-enoic acid delta lactone; 6-(3-Hexenyl)tetrahydro(2H)pyran-2-one; 2H-Pyran-2-one, 6-(3-hexenyl)tetrahydro-, (Z)-;		
10.036	2(4H)-Benzofuranone, 5,6,7,7a,-tetrahydro-3,6-dimethyl-; Dehydroxymenthofurolactone;	Mintlactone	
10.037	Massoia lactone		
10.038			
10.039	(Z)-5-(3-hexenyl)dihydrofuran-2(3H)-one;		
10.040	tetrahydro-6-(3-pentenyl)-2H-pyran-2-one		
10.041			
10.042	Bovolide; 4- Hydroxy-2,3-dimethylnona-2,4-dienoic acid lactone		
10.043	Marmarolactone		
10.044	5-Hydroxy-2-dodecenoic acid lactone; Delta-2-dodecenolactone; 6-Heptyl-5,6-dihydro-2-pyrone; 5-Heptyl-2-pentene-5-olide		
10.045	6-Ethyltetrahydro-2H-pyran-2-one		
10.046	5-Ethyl-2(5H)-furanone; 5-ethylfuran-2(5H)-one		
10.047	Dihydroambrettolide; hexadecan-16-olide; oxacycloheptadecan-2-one		
10.048			
10.049	tetrahydro-6-undecyl-2H-pyran-2-one		
10.050			
10.051	Methyl gamma-decalactone; Dihydrojasnone lactone; 5-hexyldihydro-5-methylfuran-2(3H)-one		
10.052	dihydro-4-methyl-5-pentylfuran-2(3H)-one		
10.053	beta-Methyl-gamma-octalactone; 4-Butyl-3-methyl-1,4-butyrolactone; 5-butyldihydro-4-methylfuran-2(3H)-one		
10.054	5-pentylfuran-2(5H)-one		
10.055	1,5-Valerolactone; delta-Valerolactone		
10.056	1(3H)-Isobenzofuranone	Benzofuran-2(5H)-one	
10.057			
10.058	tetrahydro-6-octyl-2H-pyran-2-one		
10.059	hexadec-7-en-16-olide ;Oxacycloheptadec-8-en-2-one, (Z)-;		
10.060	5-hexylfuran-2(5H)-one		
10.061	4-Hydroxy-4-methyldec-9-enoic acid lactone; (Z)-5-Hex-3-enyldihydro-5-methylfuran-2(3H)-one;		
10.063		Oxacyclo heptadec-10-en-2-one	
10.065			

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
10.066	13		Furan-2(5H)-one			
10.068	09		Pentadecano-1,14-lactone			
11.001	33	107-85-7	3-Methylbutylamine	3219	512	203-526-0
11.002	33	78-81-9	Isobutylamine		513	201-145-4
11.003	33	109-73-9	Butylamine	3130	524	203-699-2
11.004	33	107-10-8	Propylamine		601	203-462-3
11.005	33	13952-84-6	sec-Butylamine		707	237-732-7
11.006	33	64-04-0	Phenethylamine	3220	708	200-574-4
11.007	33	51-67-2	2-(4-Hydroxyphenyl)ethylamine		709	200-115-8
11.008	33	551-93-9	2-Aminoacetophenone	3906	2041	209-002-8
11.009	33	75-50-3	Trimethylamine	3241	10497	200-875-0
11.011	33	5331-48-6	N-Acetylpropylamine			226-231-9
11.012	33	109-89-7	Diethylamine		10470	203-716-3
11.013	33	124-40-3	Dimethylamine		10473	204-697-4
11.014	33	19342-01-9	N,N-Dimethylphenethylamine			242-976-2
11.015	33	75-04-7	Ethylamine		10477	200-834-7
11.016	33	111-26-2	Hexylamine		10478	203-851-8
11.017	33	35448-31-8	N-Isopentylidene isopentylamine			
11.018	33	75-31-0	Isopropylamine		10480	200-860-9
11.019	33	74-89-5	Methylamine		10483	200-820-0
11.020	33	96-15-1	2-Methylbutylamine		10484	202-483-5
11.021	33	110-58-7	Pentylamine		11734	203-780-2
11.022	33	102-82-9	Tributylamine			203-058-7
11.023	33	121-44-8	Triethylamine		10496	204-469-4
11.024	33	593-81-7	Trimethylamine hydrochloride			209-810-0
11.025	33	1184-78-7	Trimethylamine oxide		10494	214-675-6
11.026	33	102-69-2	Tripropylamine		10495	203-047-7
12.001	20	3268-49-3	3-(Methylthio)propionaldehyde	2747	125	221-882-5
12.002	20	13532-18-8	Methyl 3-(methylthio)propionate	2720	428	236-883-6
12.003	20	74-93-1	Methanethiol	2716	475	200-822-1
12.004	20	870-23-5	Allylthiol	2035	476	212-792-7
12.005	20	100-53-8	Phenylmethanethiol	2147	477	202-862-5
12.006	20	75-18-3	Dimethyl sulfide	2746	483	200-846-2
12.007	20	544-40-1	Dibutyl sulfide	2215	484	208-870-5
12.008	20	2179-57-9	Diallyl disulfide	2028	485	218-548-6
12.009	20	2050-87-5	Diallyl trisulfide	3265	486	218-107-8
12.010	20	109-79-5	Butane-1-thiol	3478	526	203-705-3
12.011	20	1569-69-3	Cyclohexanethiol		529	216-378-7
12.012	20	110-81-6	Diethyl disulfide		533	203-805-7
12.013	20	3658-80-8	Dimethyl trisulfide	3275	539	222-910-9
12.014	20	629-19-6	Dipropyl disulfide	3228	540	211-079-8
12.015	20	111-47-7	Dipropyl sulfide		541	203-873-8
12.016	20	625-80-9	Di-isopropyl sulfide		542	210-911-7
12.017	20	75-08-1	Ethanethiol		546	200-837-3
12.018	20	625-60-5	S-Ethyl acetothioate	3282	11665	210-904-9
12.019	20	2179-60-4	Methyl propyl disulfide	3201	585	218-551-2

FL No	Synonyms	Systematic name	Comments
10.066	But-2-en-1,4-lactone		
10.068			
11.001	Isoamylamine; isoPentylamine; 1-Butanamine, 3-methyl-		
11.002		2-Methylpropylamine	
11.003	1-Aminobutane		
11.004			
11.005	But-2-ylamine	1-Methylpropylamine	
11.006	1-Amino-2-phenylethane; 2-Aminoethylbenzene; 2-Phenylethylamine		
11.007	Tyramine; 4-(2-aminoethyl)phenol; 4-Hydroxy-phenylethylamine; Tyrosamine;		
11.008	1-Acetyl-2-aminobenzene; o-Acetylaniline; 2-Acetylphenylamine; o-Aminoacetophenone; 2-Aminophenyl methyl ketone		
11.009	N,N-Dimethylmethylamine		
11.011	N-Propylacetamide		
11.012	N-Ethylethylamine		
11.013			
11.014			
11.015			
11.016			
11.017		N-(3-Methylbutylidene)-3-methyl-1-butyla- mine	
11.018		2-Aminopropane;	
11.019			
11.020			
11.021	Amylamine		
11.022			
11.023	N, N-diethylethylamine		
11.024			
11.025	trimethylamine N-oxide dihydrate		
11.026			
12.001	Methional; 3-(Methylthio)propanal; Methylmercaptopropionaldehyde; beta-Methiopropionaldehyde;		
12.002	Methyl beta-Methylmercapto propionate; Methyl beta-Methiopropionate;		
12.003	Methylmercaptan; Thiomethyl alcohol; Methyl sulfhydrate; Mercaptomethane;		
12.004	2-Propene-1-thiol; 2-Propene-1-thiol; Allyl sulfhydrate;		
12.005	Benzylmercaptan; alpha-Mercaptotoluene; alpha-Toluenethiol; Benzyl hydrosulfide; Benzylthiol; Thiobenzyl alcohol;		
12.006	Methylsulfide; 2-Thiapropane;		
12.007	Butylsulfide; Di-n-butyl sulphide; Butylthiobutane		
12.008	Allyl disulfide; 2-Propenyl disulphide		
12.009	Allyl trisulfide; Prop-2-enyl-trithio prop-2-ene; Allyl trisulphide		
12.010	n-Butyl mercaptan		
12.011	Cyclohexyl mercaptan		
12.012			
12.013	Methyl trisulfide; Methyl trithio methane; Methyl trisulphide		
12.014	Propyl disulfide; Propyldithiopropane		
12.015			
12.016			
12.017	Ethyl mercaptan		
12.018	Ethyl thioacetate; Acetic acid thio ethyl; Ethanethioic acid, S-ethyl ester; Acetic acid, thioethyl ester;		
12.019	Propyl methyl disulfide; Methyl dithio propane; Methyl dithiopropane		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
12.020	20	17619-36-2	Methyl propyl trisulfide	3308	586	241-594-3
12.021	20	2179-59-1	Allyl propyl disulfide		600	218-550-7
12.022	20	4532-64-3	Butane-2,3-dithiol	3477	725	224-870-8
12.023	20	6028-61-1	Dipropyl trisulfide	3276	726	227-903-4
12.024	20	37887-04-0	3-Mercaptobutan-2-ol	3502	760	253-701-0
12.025	30	57-06-7	Allyl isothiocyanate	2034	2110	200-309-2
12.026	20	624-92-0	Dimethyl disulfide	3536	2175	210-871-0
12.027	20	137-06-4	2-Methylbenzene-1-thiol	3240	2272	205-276-8
12.028	20	2550-40-5	Dicyclohexyl disulfide	3448	2320	219-851-6
12.029	20	1679-07-8	Cyclopentanethiol	3262	2321	216-841-3
12.030	30	505-79-3	3-(Methylthio)propyl isothiocyanate	3312	2326	208-020-3
12.031	20	67633-97-0	3-Mercaptopentan-2-one	3300	2327	266-799-5
12.032	20	2432-51-1	S-Methyl butanethioate	3310	2328	219-407-1
12.033	20	91-60-1	Naphthalene-2-thiol	3314	2330	202-082-5
12.034	20	1191-62-4	Octane-1,8-dithiol	3514	2331	214-738-8
12.035	20		2-,3- and 10-Mercaptopinane	3503	2332	2459006
12.036	20	54957-02-7	3-[(2-Mercapto-1-methylpropyl)thio]butan-2-ol	3509	2353	
12.037	20	2179-58-0	Allyl methyl disulfide	3127	11866	218-549-1
12.038	20	38462-22-5	8-Mercapto-p-menthan-3-one	3177	11789	253-953-1
12.039	20	79-42-5	2-Mercaptopropionic acid	3180	11790	201-206-5
12.040	20	23328-62-3	2-Methylthioacetaldehyde	3206	11686	245-587-6
12.041	20	13678-58-5	1-(Methylthio)butan-2-one	3207	11543	237-169-7
12.042	20	1073-29-6	2-(Methylthio)phenol	3210	11553	214-027-2
12.043	20	882-33-7	Diphenyl disulfide	3225	11757	212-926-4
12.044	20	5905-46-4	Prop-1-enyl propyl disulfide	3227	11699	227-604-9
12.045	20	34135-85-8	Methyl allyl trisulfide	3253	11867	251-843-8
12.046	20	19788-49-9	Ethyl 2-mercaptopropionate	3279	11469	243-314-5
12.047	20	40789-98-8	3-Mercaptobutan-2-one	3298	11497	255-082-2
12.048	20	1878-18-8	2-Methylbutane-1-thiol	3303	11509	217-515-3
12.049	20	2084-18-6	3-Methylbutane-2-thiol	3304	11510	218-223-9
12.052	20	40790-04-3	Di-(3-oxobutyl) sulfide	3335	11441	
12.053	20	13327-56-5	Ethyl 3-(methylthio)propionate	3343	11476	236-370-7
12.054	20	4500-58-7	2-(Ethylthio)phenol	3345	11666	224-811-6
12.055	20	34619-12-0	4-Mercaptobutan-2-one	3357	11498	
12.056	20	16630-52-7	3-(Methylthio)butanal	3374	11687	240-678-7
12.057	20	34047-39-7	4-(Methylthio)butan-2-one	3375	11688	251-810-8
12.058	20	23550-40-5	4-(Methylthio)-4-methylpentan-2-one	3376	11551	245-727-6
12.059	20	2307-10-0	Propyl thioacetate	3385	11576	218-984-7
12.060	20	53053-51-3	Methyl 4-(methylthio)butyrate	3412	11526	258-328-7
12.061	20	42919-64-2	4-(Methylthio)butanal	3414	11542	256-001-3
12.062	20	505-10-2	3-(Methylthio)propan-1-ol	3415	11554	208-004-6
12.063	20	51755-66-9	3-(Methylthio)hexan-1-ol	3438	11548	257-380-8
12.064	20	39067-80-6	Thiogeraniol	3472	11583	254-269-6
12.065	20	59902-01-1	2,8-Dithianon-4-en-4-carboxaldehyde	3483	11904	261-978-4

FL No	Synonyms	Systematic name	Comments
12.020	Propyl methyl trisulfide; Methyl trithio propane; Propyl methyl trisulphide		
12.021			
12.022	2,3-Dimercaptobutane		
12.023	Propyl trisulfide; Propyl trithio propane; Propyl trisulphide		
12.024	2-Hydroxy-3-butanethiol; 3-Hydroxy-2-butanethiol; 3-Mercapto-2-butanol;		
12.025	3-Isothiocyanatopropene; 2-Propenyl isothiocyanate; AITC; Isothiocyanic acid, allyl ester; 2-Propenyl isothiocyanate; Allyl isosulfocyanate; Allyl thiocarbonimide;		
12.026	Methyl disulfide; Methyl disulphide		
12.027	o-Toluenethiol; 2-Methylthiophenol; o-Tolylmercaptan;		
12.028	Cyclohexyl disulphide		
12.029	Cyclopentyl mercaptan		
12.030	3-Methylmercaptopropyl isothiocyanate; Isothiocyanic acid, 3-(methylthio)propyl ester;		
12.031			
12.032	Methyl thiobutyrate; Methanethiol n-Butyrate; Thiobutyric acid, methyl ester;		
12.033	beta-Thionaphthol; 2-Mercaptanaphthalene; 2-Naphthyl mercaptan; 2-Thionaphthol;		
12.034	1,8-Dimercaptooctane; Octamethylene dimercaptan		
12.035	Pinanethiol; Pinanyl mercaptan	2,6,6 Trimethyl-bicyclo[3.1.1]heptane-(2,3 and 10)-thiol	
12.036	alpha-Methyl-beta-hydroxypropyl alpha-methyl-beta-mercaptopropyl sulfide; 2-Butanol, 3-[(2-mercapto-1-methylpropyl)thiol-;		
12.037	Methyl allyl disulphide		
12.038	8-Mercaptomenthone; Thiomenthone;		
12.039	Thiolactic acid; alpha-Mercaptopropionic acid; 2-Thiolpropionic acid;		
12.040	Methyl mercapto aldehyde; Methylmercapto acetaldehyde		
12.041			
12.042	1-Hydroxy-2-methylmercaptobenzene; 2-Methylmercaptophenol;		
12.043	Phenyl disulfide; Biphenyl disulfide; Phenyldithiobenzene;		
12.044	Propyl propenyl disulfide		
12.045	Methyl allyl trisulphide		
12.046	Ethyl thiolactate; 2-Mercapto propionic acid, ethyl ester;		
12.047			
12.048	Amyl mercaptan; 2-Methylbutyl mercaptan; Thioamyl alcohol		
12.049	sec-Isoamylmercaptan		
12.052	bis(Butan-3-one-1-yl) sulfide		
12.053	Ethyl-beta-methylthiopropionate		
12.054	2-Ethylphenyl mercaptan; 2-Ethylbenzenethiol;		
12.055	2-Keto-4-butanethiol;		
12.056	3-Methyl thio butyraldehyde; 3-Methyl propanethiol; Thio isoamyl aldehyde; Thio isovaleraldehyde		
12.057	(4-Methyl)-thio-2-butanone; Methyl propyl thioketone; 4-Methyl-2-butane-thione; 2-Pentane thione		
12.058			
12.059	Ethanethioic acid, S-propyl ester; Acetic acid, thiopropyl ester;		
12.060	Methyl gamma-methyl mercapto butyrate;		
12.061	4-(Methylmercapto)butanal		
12.062	Methionol; gamma-Hydroxypropyl methyl sulfide; 3-Methylthio propyl alcohol; Methyl 3-hydroxypropyl sulfide;		
12.063	3-Methylmercapto-1-hexanol		
12.064	3,7-Dimethyl-2,6-octadien-1-thiol	3,7-Dimethyl-2(trans),6-octadiene-1-thiol	
12.065	5-(Methylthio)-2-(methyl-thio)methylpent-2-en-1-al;	5-Methylthio-2-[(methylthio)methyl]pent-2-enal	

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
12.066	20	540-63-6	Ethane-1,2-dithiol	3484	11467	208-752-3
12.067	20	1191-43-1	Hexane-1,6-dithiol	3495	11486	214-735-1
12.068	20	699-10-5	Benzyl methyl disulfide	3504	11508	211-826-8
12.069	20	3489-28-9	Nonane-1,9-dithiol	3513	11558	222-482-3
12.070	20	814-67-5	Propane-1,2-dithiol	3520	11564	212-398-5
12.071	20	107-03-9	1-Propane-1-thiol	3521	11816	203-455-5
12.072	20	16128-68-0	Butane-1,2-dithiol	3528	11909	240-290-8
12.073	20	24330-52-7	Butane-1,3-dithiol	3529	11910	246-172-2
12.074	20	72869-75-1	Diallyl polysulfides	3533	11912	
12.075	20	5905-47-5	Methyl prop-1-enyl disulfide	3576	11712	227-605-4
12.076	20	109-80-8	Propane-1,3-dithiol	3588	11929	203-706-9
12.077	20	766-92-7	Benzyl methyl sulfide	3597		212-174-7
12.078	20	20582-85-8	4-(Methylthio)butan-1-ol	3600		
12.079	20	40878-72-6	2-(Methylthiomethyl)but-2-enal	3601	11549	255-126-0
12.080	20	108-98-5	Thiophenol	3616	11585	203-635-3
12.081	20	150-60-7	Dibenzyl disulfide	3617		205-764-0
12.082	20	118-72-9	2,6-(Dimethyl)thiophenol	3666		204-272-3
12.083	20	5466-06-8	Ethyl 3-mercaptopropionate	3677		226-771-5
12.084	20	22014-48-8	Ethyl 4-(methylthio)butyrate	3681		244-720-5
12.085	20	71159-90-5	p-Menth-1-ene-8-thiol	3700		275-223-1
12.086	20	51534-66-8	Methyl 2-(methylthio)butyrate	3708		255-648-9
12.087	20	65887-08-3	2-(Methylthiomethyl)-3-phenylpropenal	3717		
12.088	20	592-88-1	Diallyl sulfide	2042	11846	209-775-1
12.089	20		Ethyl 3-(methylthio)butyrate	3836	11475	
12.090	20		Propyl methanethiosulfinate		11571	
12.091	20	6588-78-9	10-Mercaptopinane	3503	2332	229-520-8
12.092	20		Diallyl pentasulfide	3533	11912	
12.093	20		Diallyl hexasulfide	3533	11912	
12.094	20		Diallyl heptasulfide	3533	11912	
12.096	20	10152-76-8	Allyl methyl sulfide		11429	233-422-0
12.097	20	90195-83-8	Allyl methyl tetrasulfide			
12.098	20	33368-82-0	Allyl prop-1-enyl disulfide		11433	
12.099	20	33922-70-2	Allyl propyl sulfide		11434	
12.100	20	33922-73-5	Allyl propyl trisulfide		11435	
12.101	20	41820-22-8	Allyl thiopropionate	3329	11436	
12.102	30	622-78-6	Benzyl isothiocyanate		11863	210-753-9
12.103	20	1191-08-8	Butane-1,4-dithiol			214-728-3
12.104	20	513-53-1	Butane-2-thiol			208-165-2
12.105	20	34322-09-3	S-2-Butyl 3-methylbut-2-enethioate			251-938-4
12.106	20	2432-91-9	S-2-Butyl 3-methylbutanethioate			219-416-0
12.107	30	592-82-5	Butyl isothiocyanate		11488	209-770-4
12.108	20	68084-03-7	Di-isopentyl thiomalate		11454	268-416-7
12.109	20	4253-89-8	Di-isopropyl disulfide	3827	11455	224-225-0
12.110	20	2444-49-7	Diallyl tetrasulfide		11449	219-485-7
12.111	20	629-45-8	Dibutyl disulfide			211-091-3
12.112	20	5943-31-7	Dibutyl trisulfide			

FL No	Synonyms	Systematic name	Comments
12.066	Dithioglycol; 1,2-Dimercaptoethane; Ethylene dithioglycol; Ethylene mercaptan		
12.067	1,6-Dimercaptohexane; Hexamethylene dimercaptan		
12.068	Benzyl dithiomethane; Methyl phenylmethyl disulfide;		
12.069	1,9-Dimercaptononane; Nonamethylene dimercaptan		
12.070	1,2-Dimercaptopropane		
12.071	Propyl mercaptan; n-Thiopropyl alcohol; Propylthiol		
12.072	1,2-Dimercaptobutane		
12.073	1,3-Dimercaptobutane		
12.074	2-Propenyl polysulfides; Diallyl di-, tri-, tetra-, and pentasulfides		
12.075	1-Propenyl methyl disulphide; Methyl dithio-1-propene;		
12.076	1,3-Dimercaptopropane; Trimethylene dimercaptan		
12.077	Sulfide, benzyl methyl; Methylthiomethyl benzene;		
12.078			
12.079	2-Ethylidene methional		
12.080	Benzenethiol; Phenyl mercaptan		
12.081	1,4-Diphenyl-2,3-dithiobutane; alpha-Benzyl dithio toluene		
12.082	2,6-Dimethylbenzenethiol; 2,6-Xylenethiol		
12.083	Ethyl 3-thiopropionate;		
12.084			
12.085	alpha,alpha,4-Trimethyl-3-cyclohexene-1-methanethiol		
12.086	Methylthio 2-methylbutyrate	Butanethioic acid, 2-methyl, S-methyl ester;	
12.087	alpha-Benzylidenemethional; 2-Propenal, 2-(methylthiomethyl)-3-phenyl-;		
12.088	Allyl sulfide; 2-Propenyl sulphide; Thioallyl ether		
12.089			
12.090			
12.091		2,6,6 Trimethyl-bicyclo[3.1.1]heptane-10-thiol	5
12.092			
12.093			
12.094			
12.096			
12.097			
12.098			
12.099	(2- Propenyl)thiopropane		
12.100			
12.101			
12.102	2- Isothiocyanatotoluene		
12.103	1,4-Butanedithiol		
12.104	2-Butanethiol		
12.105	sec-butyl 3-methyl-2-butenethioate		
12.106			
12.107	4-Isothiocyanato-but-1-ene		
12.108	bis(3-methylbutyl) mercaptosuccinate	Di(3-methylbutyl) but-2(cis)-enebis(thioate)	
12.109	Disulfide, bis(1-methylethyl); Isopropyl disulfide; 2,5-Dimethyl-3,4-dithiohexane; Bis(1-methylethyl)disulfide		
12.110			
12.111			
12.112			

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
12.113	20	352-93-2	Diethyl sulfide	3825	11450	206-526-9
12.114	20	3600-24-6	Diethyl trisulfide		11451	222-754-1
12.115	20	420-12-2	Diethylene sulfide			206-993-9
12.116	20	5756-24-1	Dimethyl tetrasulfide		11459	227-278-8
12.117	20	872-10-6	Dipentyl sulfide			212-820-8
12.118	20	1618-26-4	2,4-Dithiapentane	3878		216-577-9
12.119	20	112-55-0	Dodecyl mercaptan			203-984-1
12.120	20	68398-18-5	2,8-Epithio-p-menthane			269-970-2
12.121	20	23747-43-5	Ethyl 2-(methyldithio)propionate	3834	11471	245-862-0
12.122	20	4455-13-4	Ethyl 2-(methylthio)acetate	3835		224-700-2
12.124	20	638-46-0	Ethyl butyl sulfide			
12.125	20	2432-42-0	Ethyl propanethioate			219-405-0
12.126	20	30453-31-7	Ethyl propyl disulfide		11478	
12.127	20	4110-50-3	Ethyl propyl sulfide		11479	223-890-4
12.128	20	7341-17-5	2-Ethylhexane-1-thiol	3833		230-854-1
12.129	20	18721-61-4	3-(Ethylthio)propan-1-ol			242-534-9
12.130	20	1639-09-4	Heptane-1-thiol		11485	216-678-8
12.131	20	2917-26-2	Hexadecane-1-thiol			220-846-6
12.132	20	111-31-9	Hexane-1-thiol	3842	11487	203-857-0
12.133	20	93762-35-7	Isopentyl 3-(methylthio)propionate			297-748-5
12.134	20	34365-79-2	S-Isopropyl 3-methylbut-2-enethioate			251-966-7
12.135	20	26473-47-2	3-Mercapto-2-methylpropionic acid			247-726-6
12.136	20	2464-23-5	3-Mercapto-2-oxopropionic acid			
12.137	20	34300-94-2	3-Mercapto-3-methylbutan-1-ol	3854		
12.138	20	50746-10-6	3-Mercapto-3-methylbutyl formate	3855		
12.139	20	7217-59-6	2-Mercaptoanisole		11880	230-605-7
12.140	20	17042-24-9	2-Mercaptopentan-3-one			
12.141	20	23832-18-0	2-Mercaptopinane	3503	2332	245-900-6
12.142	20	72361-41-2	3-Mercaptopinane	3503	2332	276-598-4
12.143	20	24653-75-6	1-Mercaptopropan-2-one	3856		
12.144	20	107-96-0	3-Mercaptopropionic acid		11709	203-537-0
12.145	20	94087-83-9	4-Methoxy-2-methylbutane-2-thiol	3785		301-977-9
12.146	20	16630-66-3	Methyl (methylthio)acetate		11525	240-683-4
12.148	20	61122-71-2	S-Methyl 4-methylpentanethioate	3867		
12.149	20	1534-08-3	S-Methyl acetothioate	3876		216-252-1
12.150	20	5925-68-8	S-Methyl benzothioate	3857	11505	227-656-2
12.151	20	60779-24-0	Methyl butyl disulfide			
12.152	20	628-29-5	Methyl butyl sulfide			211-034-2
12.153	20	20333-39-5	Methyl ethyl disulfide		11470	
12.154	20	624-89-5	Methyl ethyl sulfide	3860	11474	210-868-4

FL No	Synonyms	Systematic name	Comments
12.113	Ethyl thioethane; Ethane, 1,1-thiobis-; Ethyl sulfide; 1,1-Thiobisethane; 3-Thiopentane; Diethylthioether		
12.114			
12.115			
12.116			
12.117			
12.118	Formaldehyde dimethyl mercaptal; bis[methylmercapto]methane; Formaldehyde dimethyl dithioacetal		
12.119	Dodecane-1-thiol	Dodecane-1-thiol	
12.120			
12.121	Ethyl alpha-(methyldithio)propionate		
12.122	Ethyl (methylthio)acetate; Ethyl 2-methylthioacetate		
12.124			
12.125	S-ethyl propanethioate		
12.126	Ethyl dithiopropane		
12.127			
12.128			
12.129	3-(ethylthio)propanol		
12.130	Heptyl mercaptan		
12.131			
12.132	Hexyl mercaptan		
12.133		3-Methylbutyl 3-(methylthio)propanoate;	5
12.134	S-Isopropyl thiosenecioate; S-isopropyl 3-methylthiocrotonate		
12.135	3- Mercaptoisobutyric acid;		
12.136			
12.137	1-Butanol, 3-mercapto-3-methyl-; 3-Methyl-3-mercaptobutyl alcohol; 3-Mercapto-3-methylbutyl alcohol		
12.138	3-Methyl-3-thiobutyl formate; 1-Butanol, 3-mercapto-3-methyl, formate ester; 3-Methyl-3-mercaptobutyl formate		
12.139	Thioguaiacol; 2-Methoxythiophenol; 2-Methoxybenzenethiol	2-Methoxybenzene-1-thiol	
12.140			
12.141	pinane-2-thiol;	2,6,6 Trimethyl-bicyclo[3.1.1]heptane-2-thiol	5
12.142		2,6,6 Trimethyl-bicyclo[3.1.1]heptane-3-thiol	5
12.143	Mercaptoacetone		
12.144			
12.145			
12.146			
12.148			
12.149			
12.150	Methane thiobenzoate; S-Methyl thiobenzoate; Methanethiol, benzoate		
12.151			
12.152			
12.153			
12.154	(Methylthio)ethane; Sulfide, ethyl methyl; 1-(Methylthio)ethane; 2-Thiobutane; Ethyl methyl thioether		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
12.155	20	31499-71-5	Methyl ethyl trisulfide	3861		
12.156	20	20756-86-9	S-Methyl hexanethioate	3862	11515	
12.157	20	23747-45-7	S-Methyl isopentanethioate	3864	11506	245-863-6
12.158	20	5897-45-0	Methyl isoprenyl sulfide			
12.159	20	2949-92-0	Methyl methanethiosulfonate		11520	220-970-0
12.160	20	42075-43-4	S-Methyl pentanethioate			
12.161	20	14173-25-2	Methyl phenyl disulfide	3872	11532	238-020-9
12.162	20	100-68-5	Methyl phenyl sulfide	3873	11533	202-878-2
12.163	20	10152-77-9	Methyl prop-1-enyl sulfide		11538	
12.164	20	33368-80-8	Methyl prop-1-enyl trisulfide		11539	
12.165	20	5925-75-7	S-Methyl propanethioate			
12.166	20	3877-15-4	Methyl propyl sulfide		11541	223-403-5
12.167	20	87148-08-1	Methyl propyl tetrasulfide			289-302-3
12.168	20	67952-60-7	2-Methyl-2-(methyldithio)propanal	3866		267-914-1
12.169	20	19872-52-7	2-Methyl-4-oxopentane-2-thiol		11500	243-386-8
12.170	20	5287-45-6	3-Methylbut-2-ene-1-thiol	3896	11511	
12.171	20	541-31-1	3-Methylbutane-1-thiol	3858		208-774-3
12.172	20	1679-09-0	2-Methylbutane-2-thiol			216-843-4
12.173	20	513-44-0	2-Methylpropane-1-thiol		11536	208-162-6
12.174	20	75-66-1	2-Methylpropane-2-thiol		11537	200-890-2
12.175	20	67-68-5	Methylsulfinylmethane	3875		200-664-3
12.176	20	583-92-6	4-(Methylthio)-2-oxobutyric acid	3881		
12.177	20	32637-94-8	8-(Methylthio)-p-menthan-3-one			
12.178	20	16630-65-2	3-(Methylthio)butyric acid			240-682-9
12.179	20	5271-38-5	2-(Methylthio)ethan-1-ol		11545	226-090-3
12.180	20	31331-53-0	1-(Methylthio)ethane-1-thiol			
12.181	20	66735-69-1	1-(Methylthio)pentan-3-one			
12.182	20	58809-73-7	2-(Methylthio)propionic acid			261-450-3
12.183	20	646-01-5	3-(Methylthio)propionic acid			211-460-9
12.184	20	84559-98-8	3-(Methylthio)propyl 3-methylbutyrate			283-185-2
12.185	20	16630-60-7	3-(Methylthio)propyl butyrate			240-680-8
12.186	30	4104-45-4	3-(Methylthio)propylamine			223-875-2
12.187	20	74758-93-3	Methylthiomethyl butyrate	3879		277-989-2
12.188	20	74758-91-1	Methylthiomethyl hexanoate	3880		277-988-7
12.189	20	77974-85-7	S-(Methylthiomethyl) 2-methylpropanethioate			
12.190	20	25103-58-6	2,4,4,6,6-Pentamethylheptane-2-thiol			246-619-1
12.191	20	110-66-7	Pentane-1-thiol			203-789-1
12.192	20	2084-19-7	Pentane-2-thiol	3792		218-224-4
12.193	30	2257-09-2	Phenethyl isothiocyanate		11495	218-855-5
12.194	20	4410-99-5	2-Phenylethane-1-thiol	3894	11561	224-563-9
12.195	20	33049-93-3	S-Prenyl thioacetate	3895		
12.196	20	53626-94-1	S-Prenyl thioisobutyrate			
12.197	20	75-33-2	Propane-2-thiol	3897	11565	200-861-4

FL No	Synonyms	Systematic name	Comments
12.155	2,3,4-Trithiohexane; Ethyl methyl trisulfide		
12.156			
12.157	Methane thioisopentanoate;	S-methyl 3-methylbutanethioate	
12.158		2-Methyl-1-methylthio-1,3-butadiene	
12.159			
12.160			
12.161	Phenyl methyl disulfide		
12.162	Thioanisole; Benzene, (methylthio)-; Sulfide, methyl phenyl-; 1-Phenyl-1-thioethane; Methyl phenyl thioether		
12.163			
12.164			
12.165			
12.166			
12.167			
12.168	2-Methyl-2-(methyldithio)propionaldehyde; 2-(Methyldithio)isobutyraldehyde		
12.169	4- Mercapto-4-methylpentan-2-one		
12.170			
12.171	Isoamyl mercaptan;		
12.172			
12.173	Isobutyl mercaptan		
12.174	tert-Butylmercaptan		
12.175	Dimethyl-sulfoxide-(INN); Methyl sulfoxide; Dimethyl sulfoxide; DMSO		
12.176			
12.177			
12.178			
12.179	2-(methylthio)ethanol; 2-hydroxyethyl methyl sulfide		
12.180			
12.181			
12.182			
12.183			
12.184	3-(methylthio)propyl isovalerate		
12.185			
12.186			
12.187			
12.188			
12.189			
12.190	Tert-dodecyl mercaptan; tert-dodecylthiol		5
12.191	1-Pentanethiol		
12.192	sec-Amylmercaptan; 1-Methylbutanethiol; 2-Mercaptopentane		
12.193			
12.194			
12.195	Ethanethioic acid, S-(3-methyl-2-buten-1-yl) ester; Thioacetic acid, S-(3-methyl-but-2-en-1-yl) ester	3-Methylbut-2-enyl acetothioate	
12.196		S-(3-Methylbut-2-enyl) 2-methylpropane-thioate	
12.197	Isopropyl mercaptan		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
12.198	20		2,3,5-Trithiahexane			
12.199	20	507-09-5	Ethanethioic acid			208-063-8
12.200	20	14252-42-7	1,1-bis(Ethylthio)-ethane			
12.201	20	57074-34-7	8-Acetylthio-p-menthanone-3	3809		304-949-4
12.203	20	74586-09-7	Methylthio 2-(acetyloxy)propionate	3788		277-931-6
12.204	20	623-51-8	Ethyl 2-mercaptoacetate			210-800-3
12.205	20	4124-63-4	Mercaptoacetaldehyde			223-929-5
12.211	20		But-1-enyl methyl sulphide	3820		
12.212	20		Ethyl-5-(methylthio)valerate			
12.213	20		S-Ethyl benzothioate			
12.214	20	127931-21-9	Isobutyl-3-(methylthio)butyrate			
12.215	20		S-Isopropyl-3-methylbutanethioate			
12.217	20		3-Mercaptohexan-1-ol	3850		
12.218	20		Methyl-3-methyl-1-butenyl disulphide	3865		
12.219	20		5-Methylthio-2-(methylthio)methylpent-2-enal			
12.220	20		2,2,4,6,6-Pentamethylheptane-4-thiol			
12.221	20		S-Prenyl thioisopentanoate			
12.225	20		Ethyl 3-methylthio-2-methylpropanoate			
12.227	20		Methylthio-2-(propionyloxy)propionate	3790		
12.229	20		3-Mercapto-2-methyl butyl formate			
12.234	20	136954-20-6	3-Mercaptohexyl acetate	3851		
12.235	20	136954-21-7	3-Mercaptohexyl butyrate	3852		
12.236	20	51755-85-2	3-(Methylthio)hexyl acetate	3789		
12.237	20	16630-55-0	3-(Methylthio)propyl acetate	3883		240-679-2
13.001	14	620-02-0	5-Methylfurfural	2702	119	210-622-6
13.002	14	611-13-2	Methyl 2-furoate	2703	358	210-254-6
13.003	14	615-10-1	Propyl 2-furoate	2946	359	210-407-7
13.004	03	4208-49-5	Allyl 2-furoate	2030	360	224-128-3
13.005	14	39251-86-0	Hexyl 2-furoate	2571	361	254-377-3
13.006	14	7149-32-8	Phenethyl 2-furoate	2865	362	
13.007	13	3208-40-0	2-(3-Phenylpropyl)tetrahydrofuran	2898	489	221-715-6
13.009	11	119-84-6	3,4-Dihydrocoumarin	2381	535	204-354-9
13.010	13	3658-77-3	4-Hydroxy-2,5-dimethylfuran-3(2H)-one	3174	536	222-908-8
13.011	14	623-20-1	Ethyl furfuracrylate		545	210-778-5
13.012	11	92-48-8	6-Methylcoumarin	2699	579	202-158-8

FL No	Synonyms	Systematic name	Comments
12.198			
12.199	Thoiacetic acid		
12.200	Acetaldehyde diethyl mercaptal		
12.201			
12.203			
12.204			
12.205	2-Mercaptoethanal		
12.211			
12.212			
12.213			
12.214		2-Methylpropyl 3-(methylthio)butanoate	
12.215	S-Isopropyl thioisopentanoate		
12.217	3-Thiohexanol; 3-Thiohexan-1-ol		
12.218			
12.219			
12.220			
12.221		3-Methylbut-2-enyl 3-methylbutanethioate	
12.225			
12.227			
12.229			
12.234			
12.235			
12.236			
12.237	3-Acetoxypropyl methyl sulfide; 1-Propanol, 3-(methylthio)-, acetate; Methionyl acetate		
13.001	5-Methyl-2-furaldehyde	5 Methyl-2-furaldehyde	
13.002	Methyl furoate; Methyl pyromucate; Furan-alpha-carboxylic acid, methyl ester; Methyl pyromucate,		
13.003	Propyl furan-2-carboxylate, n-Propyl pyromucate		
13.004	Allyl furan-2-carboxylate; Allyl pyromucate; 2-Propenyl furan-2-carboxylate; 2-Propenyl 2-furoate		
13.005			
13.006	2-Phenylethyl 2-furoate		
13.007	2-Hydrocinnamyl tetrahydrofuran; alpha-(3-phenylpropyl)-tetrahydrofuran;		
13.009	Dihydrocoumarin; 1,2-Benzodihydropyrone; Hydrocoumarin; 2-Chromanone; 2-Oxochroman; o-Hydroxydihydrocinnamic acid lactone		
13.010	Furaneol; 2,5-Dimethyl-4-hydroxy-2,3-dihydrofuran-3-one;		
13.011		Ethyl 3-(2-furyl)prop-2-enoate	
13.012	5-Methyl-2-hydroxyphenylpropenoic acid lactone; 6-Methyl-2H-1-benzopyran-2-one; 6-Methylbenzopyrone;	6-Methyl-1,2-benzopyrone	

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
13.015	14	28588-73-0	bis-(2,5-Dimethyl-3-furyl) disulfide	3476	722	249-093-1
13.016	14	28588-75-2	bis-(2-Methyl-3-furyl) disulfide	3259	723	249-095-2
13.017	14	28588-76-3	bis-(2-Methyl-3-furyl) tetrasulfide	3260	724	
13.018	14	98-01-1	Furfural	2489	2014	202-627-7
13.019	14	98-00-0	Furfuryl alcohol	2491	2023	202-626-1
13.020	13	97-99-4	Tetrahydrofurfuryl alcohol	3056	2029	202-625-6
13.021	14	7779-66-0	Isopentyl 4-(2-furan)butyrate	2070	2080	
13.022	14	10031-90-0	Ethyl 3(2-furyl)propionate	2435	2091	233-097-5
13.023	14	7779-67-1	Isopentyl 3-(2-furan)propionate	2071	2092	231-932-8
13.024	14	105-01-1	Isobutyl 3-(2-furyl)propionate	2198	2093	203-261-0
13.025	14	1334-82-3	Pentyl 2-furoate	2072	2109	215-616-7
13.026	14	98-02-2	2-Furanmethanethiol	2493	2202	202-628-2
13.027	12	65504-96-3	2-Pentyl-5 or 6-keto-1,4-dioxane	2076	2205	
13.028	12	65504-45-2	2-Butyl-5 or 6-keto-1,4-dioxane	2204	2206	
13.029	14	625-86-5	2,5-Dimethylfuran		2208	210-914-3
13.030	14	534-22-5	2-Methylfuran		2209	208-594-5
13.031	14	4265-16-1	2-Benzofurancarboxaldehyde	3128	2247	224-248-6
13.032	14	1883-78-9	Furfuryl isopropyl sulfide	3161	2248	
13.033	14	13678-68-7	S-Furfuryl acetothioate	3162	2250	237-173-9
13.034	14	623-30-3	3-(2-Furyl)acrylaldehyde	2494	2252	210-785-3
13.035	14	494-90-6	Menthofuran	3235	2265	207-795-5
13.036	14	623-18-7	Methyl furfuracrylate		2267	
13.037	16	16409-43-1	2-(2-Methylprop-1-enyl)-4-methyltetrahydropyran	3236	2269	240-457-5
13.038	14	50626-02-3	2-Phenyl-3-carbethoxyfuran	3468	2309	256-663-3
13.039	30	22694-96-8	2,4,5-Trimethyl-delta-3-oxazoline	3525	2319	
13.040	14	65505-16-0	2,5-Dimethyl-3-thiofuroylfuran	3481	2323	265-796-6
13.041	14	55764-28-8	2,5-Dimethyl-3-(isopentylthio)furan	3482	2324	259-802-6
13.042	13	3188-00-9	4,5-Dihydro-2-methylfuran-3(2H)-one	3373	2338	221-685-4
13.043	14	770-27-4	Furfurylidene-2-butanal	2492	11885	212-221-1

FL No	Synonyms	Systematic name	Comments
13.015	3,3(1)-Dithiobis(2,5-dimethylfuran)		
13.016	2-Methyl-3-furyl disulphide; 3,3'-Dithio-2,2'-dimethyldifuran		
13.017	2-Methyl-3-furyl tetrasulphide; 3,3'-Tetrathiobis(2-methylfuran);		
13.018	Furfuraldehyde; 2-Furancarboxaldehyde; Fural; 2-Formylfuran; 2-Furaldehyde; Pyromucic aldehyde; 2-Furylcarboxaldehyde		2, 3
13.019	2-Furancarbinol; Furfuralcohol; alpha-Furylcarbinol; 2-Furylcarbinol; 2-Hydroxymethylfuran		
13.020	Tetrahydro-2-furancarbinol; Tetrahydro-2-furanmethanol; Tetrahydro-2-furylmethanol;		
13.021	Isopentyl furyl-2-butyrate; Isoamyl furfurylpropionate; 3-Methylbutyl 2-furanbutyrate; alpha-Isoamyl furfurylpropionate;	3-Methylbutyl 4-(2-furan)butanoate	
13.022	Ethyl 2-furanpropionate; Ethyl furfurylacetate; Ethyl furylpropionate;		
13.023	Isoamyl furylpropionate; Isoamyl furfurylacetate; Isoamyl furfurhydracrylate; alpha-Isoamyl furfurylacetate;	3-Methylbutyl 3-(2-furan)propanoate	
13.024	Isobutyl 2-furanpropionate; Isobutyl furfurylacetate; Isobutyl-2-furanpropionate	2-Methylpropyl 3-(2-furyl)propanoate	
13.025	Amyl 2-furoate; Amyl furan-2-carboxylate; Pentyl furan-2-carboxylate;		
13.026	Furfuryl mercaptan; 2-Furylmethane thiol; alpha-Furfuryl mercaptan		
13.027	5-Pentyl-1,4-dioxan-2-one		
13.028	5-Butyl-1,4-dioxan-2-one		
13.029			
13.030			
13.031	2-Formylbenzofuran		
13.032	Isopropyl furfuryl sulphide		
13.033	Furfuryl thioacetate;		
13.034	Furyl acrolein; 2-Furanacrolein; Furylacrolein;	3-(2-Furyl)prop-2-enal	
13.035	3,9-Epoxy-p-mentha-3,8-diene	4,5,6,7-Tetrahydro-3,6-dimethylbenzofu- ran	2, 3
13.036		Methyl 3-(2-furyl)prop-2-enoate	
13.037	Rose oxide; Tetrahydro-4-methyl-2-(2-methylpropen-1-yl)pyran; Rose oxide levo;		
13.038	Phenyl oxaromate; Ethyl 2-Phenyl-3-furoate	Ethyl 2-phenyl-3-furoate	
13.039	2,4,5-Trimethyl-2,5-dihydrooxazole; 3-Oxazoline, 2,4,5-trimethyl;		
13.040	S-(2,5-Dimethyl-3-furyl) thio-2-furoate		
13.041	S-(2,5-Dimethyl-3-furyl) thioisovalerate	2,5-Dimethyl-3-(3-methylbutylthio)furan	5
13.042	Tetrahydro-2-methyl-3-oxofuran; 2-Methyltetrahydrofuran-3-one; Dihydro-2-methyl-3-furanone; Dihydrofuranone-3(2H)-, 2-methyl;		
13.043	Furfurylidene-2-butyraldehyde; 3-Ethyl-3(2-furyl)-2-propenal; 2-Ethyl-3(2-furyl)acrolein; 3(2-furyl)-2-ethylacrolein;		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
13.044	14	623-15-4	4-(2-Furyl)but-3-en-2-one	2495	11838	210-774-3
13.045	14	6975-60-6	1-(2-Furyl)-propan-2-one	2496	11837	230-234-0
13.046	14	874-66-8	3-(2-Furyl)-2-methylprop-2-enal	2704	11878	212-866-9
13.047	14	623-22-3	Propyl 3-(2-furyl)acrylate	2945	11842	210-780-6
13.048	13	2217-33-6	Tetrahydrofurfuryl butyrate	3057	11841	211-297-3
13.049	13	637-65-0	Tetrahydrofurfuryl propionate	3058	11843	218-710-6
13.050	14	4437-20-1	Difurfuryl disulfide	3146	11480	224-649-6
13.051	14	59020-90-5	2-Furfuryl thioformate	3158	11770	261-563-8
13.052	14	13679-46-4	Furfuryl methyl ether	3159	10944	237-176-5
13.053	14	1438-91-1	Methyl furfuryl sulfide	3160	11482	215-874-0
13.054	14	1192-62-7	2-Acetylfuran	3163	11653	214-757-1
13.055	14	28588-74-1	2-Methylfuran-3-thiol	3188	11678	249-094-7
13.056	14	13678-67-6	Difurfuryl sulfide	3238	11438	237-172-3
13.057	14	13678-60-9	Furfuryl isovalerate	3283	10642	237-171-8
13.058	14	31704-80-0	3-(5-Methyl-2-furyl) butanal	3307	10355	250-771-4
13.059	14	3777-69-3	2-Pentylfuran	3317	10966	223-234-7
13.060	13	65505-25-1	Tetrahydrofurfuryl cinnamate	3320	11821	265-799-2
13.061	14	4437-22-3	Difurfuryl ether	3337	10930	
13.062	14	623-19-8	Furfuryl propionate	3346	10646	210-776-4
13.063	14	59020-85-8	S-Furfuryl propanethioate	3347	11484	261-562-2
13.064	14	57500-00-2	Methyl furfuryl disulfide	3362	11513	260-773-7
13.065	14	13678-59-6	2-Methyl-5-(methylthio)furan	3366	11550	237-170-2
13.066	14	10599-70-9	3-Acetyl-2,5-dimethylfuran	3391	10921	234-216-3
13.067	14	39252-03-4	Furfuryl octanoate	3396	10645	254-381-5
13.068	14	36701-01-6	Furfuryl valerate	3397	10647	253-160-0
13.069	14	3777-71-7	2-Heptylfuran	3401	10952	223-236-8
13.070	14	14360-50-0	2-Hexanoylfuran	3418	11180	238-333-0
13.071	14	55764-23-3	2,5-Dimethylfuran-3-thiol	3451	11457	259-800-5
13.072	16	3738-00-9	1,5,5,9-Tetramethyl-13-oxatricyclo [8.3.0.0.(4.9)]tridecane	3471	10514	223-118-6
13.073	14	39251-88-2	Octyl 2-furoate	3518	10864	254-378-9
13.074	14	3782-00-1	2,3-Dimethylbenzofuran	3535	11913	223-245-7
13.075	14	61295-51-0	2,6-Dimethyl-3-((2-methyl-3-furyl)thio)heptan-4-one	3538	11915	262-692-2
13.076	06	65620-50-0	6-Hydroxydihydrotheaspirane	3549	11917	
13.077	14	61295-41-8	3-((2-Methyl-3-furyl)thio)heptan-4-one	3570	11922	262-690-1
13.078	14	61295-50-9	4-((2-Methyl-3-furyl)thio)nonan-5-one	3571	11923	262-691-7

FL No	Synonyms	Systematic name	Comments
13.044	Furfurylidine acetone; Furfuralacetone;		
13.045	Furfuryl methyl ketone; 2-Acetonylfuran; Furyl acetone; Methyl furfuryl ketone		
13.046	2-Furfurylidenepropionaldehyde; 2-Methyl-3-furylacrolein; alpha-Methyl-beta-furylacrolein; Furfurylidene-2-propanal;		
13.047	Propyl furanacrylate; Propyl furylacrylate;	Propyl 3(2-furyl)prop-2-enoate	
13.048	Tetrahydro-2-furylmethyl n-Butanoate; Tetrahydrofurfuryl n-Butyrate;		
13.049	2-Tetrahydrofurylmethyl propionate;		
13.050	Bis-(2-furfuryl)disulfide; 2-Furfuryl disulphide;		
13.051	2-Furylmethanethiol formate; Furfurylthio formate		
13.052	Methyl furfuryl ether		
13.053			
13.054	2-Furyl methyl ketone; Methyl 2-Furyl ketone		
13.055	2-Methyl-3-furylmercaptan		
13.056	2,2'- (Thiodimethylene)-difuran; 2-Furfuryl monosulphide; Difurfuryl monosulphide;		
13.057		Furfuryl 3-methylbutanoate	
13.058	2 Furanpropanal, beta,5-dimethyl-; 3-(5-Methyl-2-furyl)butyraldehyde;		
13.059	2-Amylfuran		
13.060	Cinnamic acid, tetrahydrofurfuryl ester; Tetrahydro-2-furylmethyl 3-phenylpropenoate; Tetrahydro-2-furylmethyl cinnamate	Tetrahydrofurfuryl 3-phenylprop-2-enoate	
13.061	Furfuryl ether		
13.062	Furfuryl propanoate		
13.063	Furfuryl thiopropionate		
13.064	Furfuryl methyl disulphide; Methyl 2-furylmethyl disulphide		
13.065	Methyl 5-methyl-2-furyl sulfide; (5- Methylfuryl-2)-thiomethane;		
13.066	2,5-Dimethyl-3-acetylfuran		
13.067	alpha-Furfuryl caprylate		
13.068	Furfuryl pentanoate; alpha-Furfuryl pentanoate; alpha-Furfuryl valerate		
13.069			
13.070	2-Furyl pentyl ketone;		
13.071	2,5-Dimethyl-3-mercaptofuran; 2,5-Dimethyl-3-furylmercaptan		
13.072	Tetramethyl-perhydronaphtofuran;		
13.073	Octyl 2-furancarboxylate		
13.074			
13.075	1,3-Diisopropylacetonyl-2-methyl-3-furyl sulphide; 3((2-methyl-3-furyl)thio)-2,6-dimethyl-4-heptanone		
13.076	6-Hydroxy-2,6,10,10-tetramethyl-1-oxaspiro(4,5)decane	2,6,10,10-Tetramethyl-1-oxas-piro[4.5]decan-6-ol	
13.077	1,3-Diethylacetonyl 2-methyl-3-furyl sulfide		
13.078	1,3-Dipropylacetonyl 2-methyl-3-furyl sulfide		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
13.079	14	65505-17-1	Methyl 2-methyl-3-furyl disulfide	3573	11924	265-797-1
13.082	14	61197-09-9	Propyl 2-methyl-3-furyl disulfide	3607		262-650-3
13.083	14	1193-79-9	2-Acetyl-5-methylfuran	3609	11038	214-779-1
13.084	13	27538-09-6	2-Ethyl-4-hydroxy-5-methyl-3(2H)-furanone	3623		248-513-0
13.085	13	19322-27-1	4-Hydroxy-5-methylfuran-3(2H)-one	3635	11785	242-961-0
13.086	14	26486-14-6	4,5-Dihydro-2-methyl-3-thioacetoxyfuran	3636		247-731-3
13.087	30	57893-27-3	6-Acetoxydihydrotheaspirane	3651		261-005-3
13.088	16	1786-08-9	3,6-Dihydro-4-methyl-2-(2-methylprop-1-en-1-yl)-2H-pyran	3661		217-241-4
13.089	13	4077-47-8	2,5-Dimethyl-4-methoxyfuran-3(2H)-one	3664		223-797-9
13.090	13	7416-35-5	2,2-Dimethyl-5-(1-methylprop-1-enyl)tetrahydrofuran	3665	10937	231-028-3
13.091	30	53833-30-0	4,5-Dimethyl-2-ethyloxazole	3672		258-815-4
13.092	14	3208-16-0	2-Ethylfuran	3673	11706	221-714-0
13.093	14	94278-27-0	Ethyl 3-(2-furfurylthio)propionate	3674		304-716-7
13.094	16	7392-19-0	2,6,6-Trimethyl-2-vinyltetrahydropyran	3735	10976	230-983-3
13.095	13	41239-48-9	2,5-Diethyltetrahydrofuran	3743	11882	255-274-6
13.096	13	5989-33-3	5(2-Hydroxyisopropyl)-2-methyl-2-vinyltetrahydrofuran	3746	2214	227-814-0
13.097	13	13679-86-2	Anhydrolinalool oxide (5)	3759	11944	237-184-9
13.098	16	36431-72-8	Theaspirane	3774	10515	253-031-9
13.099	13	4166-20-5	4-Acetoxy-2,5-dimethylfuran-3(2H)-one	3797		
13.100	30	13678-73-4	2-Acetyl-1-furfurylpyrrole		11941	
13.101	14	22940-86-9	2-Acetyl-3,5-dimethylfuran			
13.102	14	583-33-5	Butyl 2-furoate			
13.103	14	4466-24-4	2-Butylfuran		10927	224-732-7
13.104	13	1004-29-1	2-Butyltetrahydrofuran			213-718-6
13.105	14	100113-53-9	2-Butyrylfuran		11045	
13.106	14	83469-85-6	2-Decylfuran			
13.107	14	64280-32-6	2,4-Difurfurylfuran			
13.108	14	26486-13-5	4,5-Dihydro-3-mercapto-2-methylfuran			
13.109	11	17092-92-1	Dihydroactinidiolide		10931	
13.110	30	62147-49-3	2,5-Dihydroxy-2,5-di(hydroxymethyl)-1,4-dioxane			
13.112	30	53833-32-2	4,5-Dimethyl-2-propyloxazole		11379	258-817-5
13.113	14	61197-06-6	2,5-Dimethyl-3-(methyldithio)furan			
13.114	14	63359-63-7	2,5-Dimethyl-3-(methylthio)furan			
13.115	30	77311-02-5	2,4-Dimethyl-3-oxazoline			
13.116	14	55764-22-2	2,5-Dimethyl-3-thioacetoxyfuran			259-799-1
13.117	13	65330-49-6	2,5-Dimethyl-4-ethoxyfuran-3(2H)-one			265-701-8
13.118	30	30408-61-8	2,5-Dimethyl-4-ethyloxazole			250-181-7
13.119	13	14400-67-0	2,5-Dimethylfuran-3(2H)-one		11066	238-365-5
13.120	16	1003-38-9	2,5-Dimethyltetrahydrofuran			213-707-6
13.121	11	87-05-8	7-Ethoxy-4-methylcoumarin		11870	201-721-5
13.122	14	614-99-3	Ethyl 2-furoate		10588	210-404-0
13.123	14	6270-56-0	Ethyl furfuryl ether		10940	228-454-7

FL No	Synonyms	Systematic name	Comments
13.079			
13.082	2-Methyl-3-furyl propyl disulphide		
13.083	Methyl 5-methyl-2-furyl ketone; Ethanone, 1-(5-methyl-2-furanyl)-; 1-(5-methyl-2-furyl)ethanone;		
13.084	5-Ethyl-4-hydroxy-2-methyl-3(2h)-furanone;		5
13.085	2,3-Dihydro-4-hydroxy-5-methylfuran-3-one; 5-Methyl-4-hydroxy-3(2H)-furanone;		
13.086	2-Methyl-4,5-dihydro-3-furanthiol acetate; 4,5-Dihydro-2-methyl-3-furanthiol acetate		
13.087	2,6,10,10-Tetramethyl-1-oxaspiro(4.5)dec-6-yl acetate;	2,6,10,10-Tetramethyl-1-oxaspiro[4.5]decan-6-yl acetate	
13.088	3,6-Dihydro-4-methyl-2-(2-methyl-1-propenyl)-2H-pyran;		
13.089	Mesifurane; 4-Methoxy-2,5-dimethyl-3-furanone		
13.090	Tetrahydrofuran, 2,2-dimethyl-5-(1-methyl-1-propenyl)-;		
13.091			
13.092	2-Ethyloxole		
13.093	Ethyl beta-furfuryl alpha-thiopropionate; Ethyl beta-furfuryl-alpha-thiopropionate		
13.094	Bois de rose oxide		
13.095	Tetrahydrofuran, 2,5-diethyl-; Furan, 2,5-diethyltetrahydro-;		
13.096	Linalool oxide B (cis, 5-ring);		5
13.097	Anhydro linalool oxide; Dehydroxy linalool oxide;	2-(1-Methylene-ethyl)-5-methyl-5-vinyltetrahydrofuran	
13.098	1-Oxaspiro-2,6,10,10-tetra-methyl[4.5]dec-6-ene-;	2,6,10,10-Tetramethyl-1-oxaspiro[4.5]dec-6-ene	
13.099			
13.100			
13.101			
13.102			
13.103			
13.104			
13.105	2-Furyl propyl ketone		
13.106			
13.107			
13.108	2-Methyl-4,5-dihydrofuran-3-thiol		
13.109		2,2,6-Trimethyl-7-oxa-bicyclo[4.3.0]non-9-ene	
13.110			
13.112			
13.113			
13.114			
13.115			
13.116	S-(2,5-dimethyl-3-furyl) ethanethioate		
13.117	4-ethoxy-2,5-dimethylfuran-3(2H)-one		
13.118	4-ethyl-2,5-dimethyloxazole		
13.119			
13.120	tetrahydro-2,5-dimethylfuran		
13.121			
13.122			
13.123	2-(Ethoxymethyl)furan		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
13.124	14	2024-70-6	Ethyl furfuryl sulfide			
13.125	14	1703-52-2	2-Ethyl-5-methylfuran		10942	216-937-5
13.126	14	13529-27-6	Furfural diethyl acetal			236-872-6
13.127	14	13678-61-0	Furfuryl 2-methylbutyrate		10643	
13.128	14	623-17-6	Furfuryl acetate	2490	2065	210-775-9
13.129	14	59020-84-7	Furfuryl but-2-enoate			
13.130	14	623-21-2	Furfuryl butyrate		638	210-779-0
13.131	14	39481-28-2	Furfuryl heptanoate			
13.132	14	39252-02-3	Furfuryl hexanoate			
13.133	14	6270-55-9	Furfuryl isobutyrate		10641	228-453-1
13.134	30	1438-94-4	1-Furfurylpyrrole	3284	2317	215-876-1
13.135	14	58066-86-7	1-(2-Furfurylthio)propanone			
13.136	14	88-14-2	2-Furoic acid		10098	201-803-0
13.137	14	65545-81-5	3-(2-Furyl)-2-phenylprop-2-enal	3586	11928	
13.138	14	699-17-2	1-(2-Furyl)butan-3-one		11084	211-831-5
13.139	14	67-47-0	5-Hydroxymethylfurfuraldehyde		11112	200-654-9
13.140	30	1365-19-1	Linalool oxide (5-ring)	3746	11876	215-723-9
13.141	14	108499-33-8	Methyl (2-furfurylthio)acetate			
13.142	14	13679-61-3	S-Methyl 2-furanthiocarboxylate	3311	11547	237-177-0
13.143	14	94278-26-9	Methyl 3-(furfurylthio)propionate			304-715-1
13.144	14	78818-78-7	Methyl 5-methylfurfuryl disulfide			
13.145	14	13679-60-2	Methyl 5-methylfurfuryl sulfide		11522	
13.146	14	66169-00-4	Methyl furfuryl trisulfide			
13.147	13	92343-93-6	2-(3-Methyl-1,3-butadienyl)-4-methyltetrahydrofuran			
13.148	14	15186-51-3	3-Methyl-2(3-methylbut-2-enyl)furan			
13.149	14	59303-05-8	5-Methyl-2-furanmethanethiol			
13.150	14	5555-90-8	3-(5-Methyl-2-furyl)prop-2-enal			
13.151	14	65530-53-2	2-Methyl-3,5 and 6-(furfurylthio)pyrazine	3189	2287	
13.152	14	63012-97-5	2-Methyl-3-(methylthio)furan	3949		
13.153	14	55764-25-5	2-Methyl-3-furyl thioacetate			259-801-0
13.154	30	95-21-6	2-Methyl-4,5-benzo-oxazole			202-399-9
13.155	14	10599-69-6	2-Methyl-5-propionylfuran		11158	234-215-8
13.156	13	41763-99-9	2-Methylfuran-3(2H)-one			
13.157	13	3511-32-8	5-Methylfuran-3(2H)-one			
13.158	13	96-47-9	2-Methyltetrahydrofuran		10964	202-507-4
13.159	13	34003-72-0	5-Methyltetrahydrofuran-3-one			
13.160	13	57124-87-5	2-Methyltetrahydrofuran-3-thiol	3787		260-572-4
13.161	11	4430-31-3	Octahydrocoumarin	3791		224-623-4
13.162	14	4179-38-8	2-Octylfuran		10965	224-049-4
13.163	14	3194-17-0	2-Pentanoylfuran			
13.164	14	4229-91-8	2-Propylfuran		10971	224-182-8
13.165	16	5552-30-7	6,7,8,8a-Tetrahydro-2,5,5,8a-tetramethyl-5H-1-benzopyran	3822		226-916-2
13.166	13	637-64-9	Tetrahydrofurfuryl acetate	3055	2069	211-296-8
13.167	13	5421-00-1	Tetrahydrofuryl phenylacetate			226-534-6
13.169	30	20662-84-4	Trimethyloxazole		11424	243-952-4

FL No	Synonyms	Systematic name	Comments
13.124			
13.125			
13.126	2-furaldehyde diethyl acetal		2, 3
13.127			
13.128			
13.129			
13.130			
13.131			
13.132			
13.133		Furfuryl 2-methylpropanoate	
13.134	1-furfuryl-1H-pyrrole		
13.135			
13.136		2- Furancarboxylic acid	
13.137			
13.138	4-(2- Furyl) butan-2-one;		
13.139	5-(Hydroxymethyl)-2-furaldehyde		
13.140		5-(1-hydroxy-1-isopropyl)-2-methyl-2-vinyl tetrahydrofuran	5
13.141			
13.142	Furoylthiomethane; Methyl thio-2-furoate		
13.143			
13.144			
13.145			
13.146			
13.147			
13.148			
13.149			
13.150			
13.151	Methyl(furfurylthio)pyrazine (mixture of isomers)		
13.152	Dimethylthiofurane		
13.153	S-(2-methyl-3-furyl) ethanethioate		
13.154	2-methylbenzoxazole		
13.155	1-(5-methyl-2-furyl)propan-1-one		
13.156			
13.157			
13.158	tetrahydro-2-methylfuran		
13.159			
13.160			
13.161	Bicyclononalactone; Cyclohexyl lactone; Octahydro-2H-1-benzopyran-2-one	Octahydro-1(2H)-benzopyran-2-one	
13.162			
13.163			
13.164			
13.165			
13.166			
13.167			5
13.169	2,4,5-trimethyloxazole		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
13.170	16	3033-23-6	2S-cis-Tetrahydro-4-methyl-2-(2-methyl-1-propenyl)-2H-pyran			221-217-9
13.175	13		4-Acetyl-2,5-dimethylfuran-3(2H)-one			
13.176	14		Furaneyl butyrate			
13.178	14		3-(Furfuryldithio)-2-methylfuran			
13.181	14		2-Methyl 3-furylbutan-3-on-1-yl disulphide			
13.182	14		2-Methyl-3-thioacetoxytetrahydrofuran			
13.185	14		2-Furfuryl 3-oxo-2-butyl disulphide			
13.187	14	23747-34-4	2-Propionyl-3-methyl-furan		10970	
13.188	14	59303-07-0	2-Methyl-3-furfurylthiopyrazine	3189		
13.189	16	56469-39-7	Linalool oxide(5) acetate			
13.190	14	61296-44-1	3-((2-Methyl3-furyl)thio)-2-butanone			
14.001	28	119-65-3	Isoquinoline	2978	487	204-341-8
14.002	30	491-35-0	4-Methylquinoline		488	207-734-2
14.003	30	94-62-2	Piperine	2909	492	202-348-0
14.004	28	83-34-1	3-Methylindole	3019	493	201-471-7
14.005	24	15707-24-1	2,3-Diethylpyrazine	3136	534	239-800-1
14.006	24	15707-23-0	2-Ethyl-3-methylpyrazine	3155	548	239-799-8
14.007	28	120-72-9	Indole	2593	560	204-420-7
14.008	28	110-86-1	Pyridine	2966	604	203-809-9
14.010	30	110-89-4	Piperidine	2908	675	203-813-0
14.011	30	130-89-2	Quinine hydrochloride	2976	715	205-001-1
14.014	30	36267-71-7	5,7-Dihydro-2-methylthieno(3,4-d)pyrimidine	3338	720	252-940-8
14.015	24	34413-35-9	5,6,7,8-Tetrahydroquinoxaline	3321	721	252-002-8
14.016	24	27043-05-6	2,5-Dimethyl-3-ethylpyrazine	3149	727	248-182-2
14.017	24	13360-64-0	2-Ethyl-5-methylpyrazine	3154	728	236-416-6
14.018	24	1124-11-4	2,3,5,6-Tetramethylpyrazine	3237	734	214-391-2
14.019	24	14667-55-1	2,3,5-Trimethylpyrazine	3244	735	2387120
14.020	24	123-32-0	2,5-Dimethylpyrazine	3272	2210	204-618-3
14.021	24	108-50-9	2,6-Dimethylpyrazine	3273	2211	203-589-4
14.022	24	13925-00-3	Ethylpyrazine	3281	2213	237-691-5
14.023	28	96-54-8	1-Methylpyrrole		2217	202-513-7
14.024	24	13925-07-0	2-Ethyl-3,5-dimethylpyrazine	3150	2245	237-694-1
14.025	24	63450-30-6	2,5 or 6-Methoxy-3-methylpyrazine	3183	2266	264-168-9
14.026	24	13925-05-8	2-Isopropyl-5-methylpyrazine	3554	2268	
14.027	24	109-08-0	2-Methylpyrazine	3309	2270	203-645-8
14.028	24	13708-12-8	5-Methylquinoxaline	3203	2271	237-246-5
14.029	30	65504-93-0	1-Phenyl-(3 or 5)-propylpyrazole	3727	2277	
14.030	28	2044-73-7	2-Pyridine methanethiol	3232	2279	218-061-9
14.031	24	35250-53-4	Pyrazineethanethiol	3230	2285	
14.032	24	22047-25-2	Acetylpyrazine	3126	2286	244-753-5
14.034	24	21948-70-9	Pyrazinyl methyl sulfide	3231	2288	244-675-1
14.035	24	67952-65-2	2-Methyl-3,5 or 6-methylthiopyrazine	3208	2290	267-918-3
14.037	24	23747-48-0	6,7-Dihydro-5-methyl-5H-cyclopentapyrazine	3306	2314	245-864-1
14.038	28	1122-62-9	2-Acetylpyridine	3251	2315	214-355-6

FL No	Synonyms	Systematic name	Comments
13.170			
13.175			
13.176		2,5-Dimethylfuran-3(2H)-on-4-yl butanoate	
13.178			
13.181	2-Methyl 3-furyl 3-oxobutyl disulfide		
13.182			
13.185			
13.187			
13.188			
13.189		2-(5-methyl-5-vinyltetrahydro-2-furyl) propan-2-yl acetate	
13.190			
14.001	2-Azanaphthalene; 2-Benzazine; 3,4-Benzopyrine; BenzoPyrine		
14.002	Lepidine		
14.003	1-Piperoylpiperidine; Piperoylpiperidine	1-(5-(3,4-Methylenedioxyphenyl)-1-oxo-2,4-pentadienyl)piperidine	
14.004	Skatole; 3-Methyl-4,5-benzopyrrole; Beta-Methylindole		
14.005			
14.006			
14.007	Benzopyrrole; 1-benzazole; 1-Benzazole; 1-BenzoPyrrole; 2,3-Benzopyrrole		
14.008	Azine; Azabenzene;		
14.010	Hexahdropyridine; Hexazana; Pentamethylenimine		
14.011	Quinine chloride; Quinine monohydrochloride;		2, 3
14.014			
14.015	Cyclohexapyrazine; Tetrahydroquinoxaline;		
14.016			5
14.017	2-Methyl-5-ethyl pyrazine; 2-Methyl-5-ethylpyrazine		
14.018			
14.019			
14.020	2,5-Dimethyl-1,4-diazine; Glycoline; Ketine; 2,5-Dimethyl-1,4-diazine; 2,5-Dimethylparadiazine; 2,5-Dimethylpiazine		
14.021	2,6-Dimethyl-1,4-diazine; 2,6-Dimethyl-1,4-diazine; 2,6-Dimethylparadiazine; 2,6-Dimethylpiazine		
14.022	2-Ethyl pyrazine; 2-Ethyl-1,4-diazine; 2-Ethyl-1,4-diazine		
14.023	N-Methylpyrrole		
14.024	2,6-Dimethyl-3-ethylpyrazine		
14.025	Methylmethoxypyrazine		
14.026	5-Isopropyl-2-methylpyrazine; 2-Methyl-5-isopropylpyrazine		
14.027	2-Methyl-1,4-diazine		
14.028			
14.029	1-Phenyl-3 or 5-propyl-1,2-diazole;		
14.030	2-Mercaptomethylpyridine; 2-Pyridylmethanethiol; 2-Pyridylmethyl mercaptan		
14.031	2-Pyrazinylethanethiol; Pyrazinyl ethanethiol		
14.032	2-Acetylpyrazine; Methyl pyrazinyl ketone		
14.034	2-Methylthiopyrazine; Pyrazinylmethyl methyl sulphide	(Methylthio)pyrazine	
14.035	Methyl(methylthio)pyrazine (mixture of isomers)		
14.037			
14.038	Methyl-2-pyridyl ketone; 2-Acetopyridine		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
14.039	28	350-03-8	3-Acetylpyridine	3424	2316	206-496-7
14.041	28	109-97-7	Pyrrole	3386	2318	203-724-7
14.042	28	91-62-3	6-Methylquinoline	2744	2339	202-084-6
14.043	24	24683-00-9	2-Isobutyl-3-methoxypyrazine	3132	11338	246-402-1
14.044	24	13925-06-9	2-Isobutyl-3-methylpyrazine	3133		237-693-6
14.045	28	39741-41-8	2-Acetyl-1-ethylpyrrole	3147	11371	
14.046	28	932-16-1	2-Acetyl-1-methylpyrrole	3184	11373	213-247-6
14.047	28	1072-83-9	2-Acetylpyrrole	3202	11721	214-016-2
14.049	24	32974-92-8	2-Acetyl-3-ethylpyrazine	3250	11293	251-316-2
14.050	24	5910-89-4	2,3-Dimethylpyrazine	3271	11323	227-630-0
14.051	24	68739-00-4	2,5 or 6-Methoxy-3-ethylpyrazine	3280	11329	272-125-0
14.052	24	38713-41-6	Isopropenylpyrazine	3296	11341	
14.053	24	59021-02-2	Mercaptomethylpyrazine	3299	11502	
14.054	24	3149-28-8	Methoxypyrazine	3302	11347	221-579-8
14.055	24	54300-08-2	2-Acetyl-3,5-dimethylpyrazine	3327	11294	259-076-0
14.056	24	18138-04-0	2,3-Diethyl-5-methylpyrazine	3336	11303	242-024-6
14.057	24	25773-40-4	2-Isopropyl-3-methoxypyrazine	3358	11344	247-256-1
14.058	28	6304-24-1	2-Isobutylpyridine	3370	11395	228-606-2
14.059	28	14159-61-6	3-Isobutylpyridine	3371	11396	2380036
14.060	28	2294-76-0	2-Pentylpyridine	3383	11412	218-937-0
14.061	28	536-78-7	3-Ethylpyridine	3394	11386	208-647-2
14.062	24	24168-70-5	2-(sec-Butyl)-3-methoxypyrazine	3433	11300	246-050-9
14.063	28	91-22-5	Quinoline	3470	11364	202-051-6
14.064	28	123-75-1	Pyrrolidine	3523	10491	204-648-7
14.065	28	108-48-5	2,6-Dimethylpyridine	3540	11381	203-587-3
14.066	28	104-90-5	5-Ethyl-2-methylpyridine	3546	11385	203-250-0
14.067	24	32737-14-7	2-Methyl-3,5 or 6-ethoxypyrazine	3569	11921	2511846
14.068	28	1073-26-3	2-Propionylpyrrole	3614	11942	214-026-7
14.069	24	28217-92-7	Cyclohexylmethylpyrazine	3631		248-905-1
14.070	30	67860-38-2	4-Acetyl-2-methylpyrimidine	3654		
14.071	28	93-60-7	Methyl nicotinate	3709		202-261-8
14.072	28	2110-18-1	2-(3-Phenylpropyl)pyridine	3751		218-300-7
14.076	24		2-Methoxy-(3,5 or 6)-methylpyrazine	3183	2266	
14.077	24		2-Ethyl-(3,5 or 6)-methoxypyrazine (85 %) and 2-Methyl-(3,5 or 6)-methoxypyrazine (13 %)	3280	11329	
14.078	24		2-Isopropyl-(5 or 6)-methoxypyrazine	3358	11344	
14.079	28	27300-27-2	2-Acetyl-1,4,5,6-tetrahydropyridine			
14.080	33	99583-29-6	2-Acetyl-1-pyrroline			
14.081	24	54300-10-6	5-Acetyl-2,3-dimethylpyrazine			
14.082	24	23787-80-6	2-Acetyl-3-methylpyrazine		11296	245-889-8
14.083	24	43108-58-3	2-Acetyl-5-ethylpyrazine			
14.084	24	22047-27-4	2-Acetyl-5-methylpyrazine		11297	
14.085	28	6982-72-5	2-Acetyl-5-methylpyrrole			
14.086	24	34413-34-8	2-Acetyl-6-ethylpyrazine		11295	
14.087	24	22047-26-3	2-Acetyl-6-methylpyrazine		11298	

FL No	Synonyms	Systematic name	Comments
14.039	beta-Acetylpyridine; Methyl 3-pyridyl ketone; Methyl Beta-Pyridyl ketone; Methyl pyridyl ketone		
14.041	Azole; Divinyleneimine; Imidole		
14.042	p-Methylquinoline; p-Toluquinoline		
14.043	2-Butyl-3-methoxypyrazine; 2-Methoxy-3-isobutyl pyrazine;		
14.044	2-Butyl-3-methylpyrazine; 2-methyl-3-isobutylpyrazine	2-(2-Methylpropyl)-3-methylpyrazine	
14.045	1-Ethyl-2-acetylazole		
14.046	1-Methylpyrrol-2-yl methyl ketone; 2-Acetyl-n-methyl pyrrol; Methyl 1-methylpyrrol-2-yl ketone		
14.047	Methyl-2-pyrrolyl ketone; 2-Acetopyrrole; 2-Pyrrolyl methyl ketone		
14.049	2-Ethyl-3-pyrazinyl methyl ketone; 2-Acetyl 3-ethyl-1,4-diazine		
14.050	2,3-Dimethyl-1,4-diazine		
14.051	3-Ethyl-(5 or 6)-methoxypyrazine, 5 or 6-Methoxy-3-ethyl-pyrazine; 2,5 or 6-methoxy-3-ethylpyraxine;		5
14.052	2-Isopropenyl-1,4-diazine	(1-Methylene-ethyl)pyrazine	
14.053	Pyrazine methanethiol		
14.054	2 Methoxy-1,4-diazine		
14.055			
14.056			
14.057			5
14.058	2-ButylPyridine;	2-(2-Methylpropyl)pyridine	
14.059	3-ButylPyridine;	3-(2-Methylpropyl)pyridine	
14.060	2-Amylpyridine		
14.061	Beta-Ethylpyridine; Beta-Lutidine		
14.062	2-But-2-yl-3-methoxypyrazine, 2-Methoxy-3-(1-methylpropyl)-cyclohexanone; 2-Methoxy-3-sec-Butylpyrazine	2-(1-Methylpropyl)-3-methoxypyrazine	
14.063	1-Benzazine; 2,3-Benzopyrine; Benzopyrine; Chinolein; Leucoline; 1-Azanephtalene; Leucol	2,3-Benzopyridine	
14.064	Tetramethylenimine	Tetrahydropyrrole	
14.065	2,6-Lutidine		
14.066	5-Ethyl-2-picoline; 2-Methyl-5-ethylpyridine		
14.067			5
14.068	Ethyl 2-pyrrolyl ketone		
14.069	2-Pyrazine cyclohexyl methyl; 2-Pyrazinyl cyclohexyl methyl		
14.070	Ethanone, 1-(2-methyl-4-pyrimidinyl)-;		
14.071	3-Carbomethoxypyridine	Methyl 3-pyridinecarboxylate	
14.072			
14.076			
14.077			
14.078			5
14.079			
14.080			
14.081			
14.082			
14.083			
14.084			
14.085			
14.086			
14.087			

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
14.088	28	576-15-8	1-Acetylintole			209-396-1
14.089	28	1122-54-9	4-Acetylpyridine			214-350-9
14.090	28	25224-14-0	3-(sec-Butyl)pyridine			
14.091	24	15987-00-5	2-Butyl-3-methylpyrazine			240-126-5
14.092	28	5058-19-5	2-Butylpyridine			225-758-1
14.093	28	539-32-2	3-Butylpyridine			208-715-1
14.094	28	74808-78-9	4-Butylquinoline			
14.095	24	18138-05-1	3,5-Diethyl-2-methylpyrazine	3916	11305	
14.096	24	32736-91-7	2,5-Diethyl-3-methylpyrazine	3915	11304	
14.097	24	13238-84-1	2,5-Diethylpyrazine		11306	
14.098	24	38917-62-3	6,7-Dihydro-2,3-dimethyl-5H-cyclopentapyrazine	3917	11309	
14.099	24	41330-21-6	6,7-Dihydro-5,7-dimethyl-5H-cyclopentapyrazine			
14.100	24	55031-15-7	3,(5- or 6-)Dimethyl-2-ethylpyrazine	3149	727	
14.101	24	40790-20-3	2,5-Dimethyl-3-isopropylpyrazine		11318	
14.102	24	38917-61-2	5,6-Dimethyldihydrocyclopentapyrazine			
14.103	28	583-61-9	2,3-Dimethylpyridine			209-514-1
14.104	28	108-47-4	2,4-Dimethylpyridine			203-586-8
14.105	28	583-58-4	3,4-Dimethylpyridine			209-511-5
14.106	28	591-22-0	3,5-Dimethylpyridine		11382	209-708-6
14.107	28	625-84-3	2,5-Dimethylpyrrole		11383	210-913-8
14.108	24	2379-55-7	2,3-Dimethylquinoxaline			219-162-0
14.109	24	32737-14-7	2-Ethoxy-3-methylpyrazine	3569	11325	251-184-6
14.110	28	614-18-6	Ethyl nicotinate			210-370-7
14.111	24	13360-65-1	3-Ethyl-2,5-dimethylpyrazine	3149	2246	236-417-1
14.112	24	25680-58-4	2-Ethyl-3-methoxypyrazine	3280	11329	247-184-0
14.113	24	52517-53-0	5-Ethyl-6,7-dihydro-5H-cyclopentapyrazine			
14.114	24	13925-03-6	2-Ethyl-6-methylpyrazine	3919	11331	237-692-0
14.115	28	100-71-0	2-Ethylpyridine		11767	202-881-9
14.116	28	536-75-4	4-Ethylpyridine		11387	208-646-7
14.117	28	1129-69-7	2-Hexylpyridine			214-454-4
14.118	28	142-08-5	2-Hydroxypyridine			205-520-3
14.120	28	553-60-6	Isopropyl nicotinate			209-043-1
14.121	24	93905-03-4	2-Isopropyl-(3,5 or 6)-methoxypyrazine	3358	11344	299-837-4
14.122	24	67952-59-4	2-Isopropyl-3-methylthiopyrazine		11342	267-913-6
14.123	24	29460-90-0	Isopropylpyrazine	3940	11343	249-646-7
14.124	28	644-98-4	2-Isopropylpyridine		11400	211-426-3
14.125	28	696-30-0	4-Isopropylpyridine			211-794-5
14.126	24	2847-30-5	2-Methoxy-3-methylpyrazine	3183	2266	220-651-6
14.127	24	25680-57-3	2-Methoxy-3-propylpyrazine			
14.128	24	2882-20-4	2-Methyl-3-methylthiopyrazine			220-736-8
14.129	24	15986-80-8	2-Methyl-3-propylpyrazine			240-121-8
14.131	28	95-20-5	2-Methylindole			202-398-3
14.133	33	109-05-7	2-Methylpiperidine			203-642-1
14.134	28	109-06-8	2-Methylpyridine		11415	203-643-7
14.135	28	108-99-6	3-Methylpyridine		11801	203-636-9
14.136	28	108-89-4	4-Methylpyridine		11416	203-626-4
14.137	28	120-94-5	1-Methylpyrrolidine			204-438-5
14.138	30	91-63-4	2-Methylquinoline		11358	202-085-1

FL No	Synonyms	Systematic name	Comments
14.088	N-Acetylintole; 1-Acetyl-1H-indole		
14.089	methyl 4-pyridyl ketone?		
14.090	3-But-2-ylpyridine	3-(1-Methylpropyl)pyridine	
14.091			
14.092			
14.093			
14.094			
14.095	2,6-Diethyl-3-methylpyrazine		
14.096			
14.097			
14.098			
14.099			
14.100	2,(5 or 6)- Dimethyl-3-ethylpyrazine; 2-Ethyl-3,5(6)-dimethyl pyrazine; 3-Ethyl-2,5(6)-dimethyl pyrazine		
14.101			
14.102			
14.103			
14.104			
14.105			
14.106			
14.107	2,5-dimethyl-1H-pyrrole		
14.108			
14.109			5
14.110	3-Pyridinecarboxylic acid, ethyl ester	Ethyl 3-pyridine carboxylate	
14.111			5
14.112			5
14.113			
14.114	2-Methyl-6-ethylpyrazine; 6-Methyl-2-ethylpyrazine		
14.115			
14.116			
14.117			
14.118	2-pyridone;		
14.120		Isopropyl 3-pyridinecarboxylate	
14.121			
14.122		2-(1-methylethyl)-3-(methylthio)pyrazine	
14.123		(2-Methylpropyl)pyrazine	
14.124			
14.125			
14.126	2-Methyl-3-methoxypyrazine		5
14.127			
14.128	2-methyl-3-(methylthio)pyrazine		
14.129			
14.131			
14.133	alpha-pipecoline		
14.134	alpha-Picoline; 2-Picoline		
14.135	beta-Picoline; 3-Picoline		
14.136	gamma-Picoline; 4-Picoline		
14.137			
14.138	Quinaldine		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
14.139	24	7251-61-8	2-Methylquinoxaline			230-664-9
14.140	28	1802-20-6	3-Pentylpyridine			
14.141	33	110-85-0	Piperazine			203-808-3
14.142	24	18138-03-9	Propylpyrazine	3961	11362	242-023-0
14.143	28	4673-31-8	3-Propylpyridine		11419	225-122-3
14.144	24	290-37-9	Pyrazine		11363	206-027-6
14.145	28	1003-29-8	Pyrrole-2-carbaldehyde		11393	213-705-5
14.146	30	130-95-0	Quinine			205-003-2
14.147	24	91-19-0	Quinoxaline		11365	202-047-4
14.148	24	52517-54-1	5,6,7,8-Tetrahydro-5-methylquinoxaline			
14.149	28	91-61-2	1,2,3,4-Tetrahydro-6-methylquinoline			202-083-0
14.150	28	108-75-8	2,4,6-Trimethylpyridine			203-613-3
14.151	24	4177-16-6	Vinylpyrazine		11370	224-045-2
14.152	30	6119-70-6	Quinine sulphate	2977		
14.153	28	1333-53-5	(1-Methylethyl)quinoline			215-595-4
14.154	30	7549-43-1	Quinine chlorhydrate			231-437-7
14.155	30	6119-47-7	Quinine monohydrochloride dihydrate			
14.156	33	147030-02-2	(E)-1-(1-oxo-2decenyl)-piperidine			
14.157	33	78910-33-5	(E,E)-1-(oxo-2,4-decadienyl)-pyrrolidine			
14.158	24	94089-22-2	2-iso-Propoxy-3-methyl pyrazine			302-122-2
14.161	24		6,7-Dihydro-2,5-dimethyl-5H-cyclopentapyrazine		11310	
15.001	29	7774-74-5	2-Mercaptothiophene	3062	478	231-881-1
15.002	29	38205-64-0	2-Methyl-5-methoxythiazole	3192	736	
15.004	29	13679-70-4	5-Methyl-2-thiophenecarbaldehyde	3209	2203	237-178-6
15.005	29	65505-18-2	2,4-Dimethyl-5-vinylthiazole	3145	2237	
15.006	20	55704-78-4	2,5-Dihydroxy-2,5-dimethyl-1,4-dithiane	3450	2322	259-770-3
15.007	20	38325-25-6	spiro(2,4-Dithia-1-methyl-8-oxa-bicyclo[3.3.0]octane-3,3'-(1'-oxa-2'-methyl)-cyclopentane) and spiro(Dithia-6-methyl-7-oxa-bicyclo[3.3.0]octane-3,3'-(1'-oxa-2-methyl)cyclopentane)	3270	2325	253-884-7
15.008	29	6911-51-9	2-Thienyl disulfide	3323	2333	
15.009	20	828-26-2	Trithioacetone	3475	2334	212-582-5
15.010	29	29926-41-8	2-Acetyl-2-thiazoline	3817	2335	
15.011	29	38205-60-6	5-Acetyl-2,4-dimethylthiazole	3267	2336	253-826-0
15.012	29	1003-04-9	4,5-Dihydrothiophen-3(2H)-one	3266	2337	213-698-9
15.013	29	18640-74-9	2-Isobutylthiazole	3134	11618	242-470-1
15.014	29	137-00-8	5-(2-Hydroxyethyl)-4-methylthiazole	3204	11621	205-272-6
15.015	29	656-53-1	4-Methyl-5-(2-acetoxyethyl)thiazole	3205	11620	211-515-7
15.016	29	95-16-9	Benzothiazole	3256	11594	202-396-2
15.017	29	3581-91-7	4,5-Dimethylthiazole	3274	11606	222-703-3
15.018	29	1759-28-0	4-Methyl-5-vinylthiazole	3313	11633	217-160-4
15.019	29	13623-11-5	2,4,5-Trimethylthiazole	3325	11650	237-107-9
15.020	29	24295-03-2	2-Acetylthiazole	3328	11726	246-134-5
15.021	29	15679-19-3	2-Ethoxythiazole	3340	11611	239-760-5
15.022	29	18277-27-5	2-(sec-Butyl)thiazole	3372	11598	242-154-3
15.023	29	13679-85-1	4,5-Dihydro-2-methylthiophene-3(2H)-one	3512	11601	237-183-3
15.024	29	2530-10-1	3-Acetyl-2,5-dimethylthiophene	3527	11603	219-779-5
15.025	20	23654-92-4	3,5-Dimethyl-1,2,4-trithiolane	3541	11883	245-808-6
15.026	29	15679-13-7	2-Isopropyl-4-methylthiazole	3555		239-758-4

FL No	Synonyms	Systematic name	Comments
14.139			
14.140			
14.141			
14.142			
14.143			
14.144			
14.145	2-Formylpyrrole;		
14.146			2, 3
14.147	1,4-Benzodiazine		
14.148			
14.149			
14.150	2,4,6-collidine		
14.151			
14.152			2, 3, 5
14.153			
14.154	quinine-hydrochloride		2, 3
14.155			2, 3
14.156			
14.157			
14.158	2-methyl-3-(1-methylethoxy)pyrazine		
14.161			
15.001	2-Thionyl mercaptan; 2-Thiophenethiol;		
15.002	5-Methoxy-2-methylthiazole;		
15.004	2-Formyl-5-methylthiophen; 2-Thiophene carboxaldehyde,5-methyl; 2-Thiophenecarbaldehyde,5-methyl-		
15.005			
15.006	2,5-Dimethyl-2,5-dihydroxy-p-dithiane		
15.007	Spiro [dithia-6-methyl-7-oxabicyclo [3.3.0] octane-3,3alpha-(1alpha-oxa-2-methyl)cyclopentane] (isomere component)		
15.008	2,2-Dithiodithiophene; 2,2alpha-Dithiodithiophene		
15.009	2,2,4,4,6,6-Hexamethyl-s-Trithiane	2,2,4,4,6,6-Hexamethyl-1,3,5-trithiane	
15.010	Acetyl thiazoline-2; 2-Acetyl-4,5-dihydrothiazole		
15.011	2,4-Dimethyl-5-acetylthiazole; 2,4-Dimethyl-5-thiazoyl methyl ketone;		
15.012	3-Tetrahydrothiophenone; 3-Thiophenone; Tetrahydrothiophen-3-one; Dihydrothiophenone;		
15.013	Thiazole, 2-isobutyl; 2-Butylthiazole;	2-(2-Methylpropyl)thiazole	
15.014	4-Methyl-5-thiazole ethanol; Sulfurol; 5-Thiazoleethanol, 4-methyl-;		
15.015	4-Methyl-5-thiazoleethanol acetate; 5-Thiazoleethanol, 4-methyl-, acetate;		
15.016			
15.017			
15.018	Thiazole, 4-methyl-5-vinyl;		
15.019			
15.020	Methyl-2-thiazoyl ketone; Ethanone, 1-(2-thiazolyl)-; 2-Thiazolyl methyl ketone		
15.021	2-Thiazolyl ethyl ether; Ethyl 2-thiazolyl ether;		
15.022	2-But-2-ylthiazole; Thiazole, 2-sec-butyl-;	2-(1-Methylpropyl)thiazole	
15.023	2-Methyltetrathiophen-3-one; 2-Methyl-4,5-3-thiophenone; 2-Methylthiolan-3-one; Dihydrothiophenone-3(2H), 2-methyl-;		
15.024	2,5-Dimethyl-3-thienyl methyl ketone; Ethanone, 1-(2,5-dimethyl-3-thienyl)-;		
15.025			
15.026	Thiazole, 2-isopropyl-4-methyl-;		

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
15.027	29	43039-98-1	2-Propionylthiazole	3611		
15.028	29	288-47-1	Thiazole	3615	11642	206-021-3
15.029	29	65894-82-8	2-(sec-Butyl)-4,5-dimethyl-3-thiazoline	3619		265-968-0
15.030	29	76788-46-0	4,5-Dimethyl-2-ethyl-3-thiazoline	3620		278-551-3
15.032	29	65894-83-9	4,5-Dimethyl-2-isobutyl-3-thiazoline	3621		265-969-6
15.033	29	15679-12-6	2-Ethyl 4-methylthiazole	3680	11612	239-757-9
15.034	20	5616-51-3	2-Methyl-1,3-dithiolane	3705		227-038-2
15.035	29	693-95-8	4-Methylthiazole	3716	11627	211-764-1
15.036	20	43040-01-3	3-Methyl-1,2,4-trithiane	3718		256-056-3
15.037	29	13679-72-6	2-Acetyl-3-methylthiophene		11590	237-179-1
15.038	29	7533-07-5	2-Acetyl-4-methylthiazole		11589	
15.039	29	59303-17-2	2-Acetyl-5-methylthiazole			
15.040	29	88-15-3	2-Acetylthiophene		11728	201-804-6
15.041	29	76572-48-0	2-Butyl-4,5-dimethylthiazole			
15.042	30	132344-97-9	2-Butyl-4-methyl(4H)pyrrolidino[1,2d]-1,3,5-dithiazine			
15.043	29	54411-06-2	2-Butyl-5-ethylthiophene		11596	
15.044	29	37645-61-7	2-Butylthiazole		11597	253-577-8
15.045	29	1455-20-5	2-Butylthiophene			215-935-1
15.046	29	34722-01-5	3-Butylthiophene			
15.047	20	92900-67-9	3,5-Di-isobutyl-1,2,4-trithiolane			
15.048	20	54934-99-5	3,5-Di-isopropyl-1,2,4-trithiolane			
15.049	20	54644-28-9	3,5-Diethyl-1,2,4-trithiolane			
15.050	29	41981-71-9	2,5-Diethyl-4-methylthiazole			
15.051	29	4276-68-0	2,5-Diethyl-4-propylthiazole			
15.052	29	15729-76-7	2,5-Diethylthiazole			239-823-7
15.053	29	35686-14-7	3,4-Diethylthiophene			
15.054	30	54717-17-8	Dihydro-2,4,6-triethyl-1,3,5(4H)-dithiazine			
15.055	30	116505-60-3	2,4-Dimethyl(4H)pyrrolidino[1,2e]-1,3,5-dithiazine			
15.056	20	67411-27-2	3,6-Dimethyl-1,2,4,5-tetrathiane			
15.057	30	104691-40-9	4,6-Dimethyl-2-(1-methylethyl)dihydro-1,3,5-dithiazine	3782		
15.058	29	873-64-3	4,5-Dimethyl-2-ethylthiazole			
15.059	29	41981-72-0	4,5-Dimethyl-2-propylthiazole			255-604-9
15.060	29	60755-05-7	2,4-Dimethyl-3-thiazoline			262-405-0
15.061	29	32272-57-4	2,5-Dimethyl-4-ethylthiazole			
15.062	29	541-58-2	2,4-Dimethylthiazole		11605	208-786-9
15.063	29	4175-66-0	2,5-Dimethylthiazole			
15.064	29	638-02-8	2,5-Dimethylthiophene		11609	211-313-9
15.065	29	632-15-5	3,4-Dimethylthiophene		11610	
15.066	20	505-29-3	1,4-Dithiane	3831		208-007-2
15.067	29	32272-48-3	4-Ethyl-2-methylthiazole			
15.068	29	19961-52-5	5-Ethyl-2-methylthiazole			
15.069	29	52414-91-2	4-Ethyl-5-methylthiazole			257-904-5
15.070	29	40323-88-4	2-Ethyl-5-methylthiophene			
15.071	29	15679-09-1	2-Ethylthiazole			239-755-8
15.072	29	872-55-9	2-Ethylthiophene		11614	212-830-2
15.073	29	1795-01-3	3-Ethylthiophene			217-267-6

FL No	Synonyms	Systematic name	Comments
15.027	Thiazole, 2-propionyl-;		
15.028			
15.029	2,5-Dihydro-4,5-dimethyl-2-but-2-ylthiazole	2-(1-Methylpropyl)-4,5-dimethyl-3-thiazo-line	
15.030	2-Ethyl-4,5-dimethyl-3-thiazoline;		
15.032	4,5-Dimethyl-2-(2-methylpropyl)-3-thiazoline; 3-Thiazoline, 4,5-dimethyl-2-(2-methylpropyl)-;		
15.033			
15.034			
15.035			
15.036			
15.037	1-(3-methyl-2-thienyl)ethan-1-one?		
15.038			
15.039			
15.040	Methyl 2-thienyl ketone		
15.041			
15.042		4-Butyl-2-methyl-1-aza-3,5-dithiabi-cyclo[4.3.0]nonane	
15.043			
15.044			
15.045			
15.046			
15.047		3,5-Di(2-methylpropyl)-1,2,4-trithiolane	
15.048			
15.049			
15.050			
15.051			
15.052	Thiazole, 2,5-diethyl-		
15.053			
15.054			
15.055		2,4-Dimethyl-1-aza-3,5-dithiabi-cyclo[4.3.0]nonane	
15.056			
15.057	2(4)-Isopropyl-4(2),6-dimethyldihydro-4H-1,3,5-dithiazine		
15.058			
15.059			
15.060	2,5-dihydro-2,4-dimethylthiazole		
15.061			
15.062			
15.063			
15.064			
15.065			
15.066	p-Dithiane; 1,4-Dithiocyclohexane; 1,4-Dithiin, tetrahydro-; Diethylene disulfide		
15.067			
15.068			
15.069			
15.070			
15.071			
15.072			
15.073			

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
15.074	29	36880-33-8	5-Ethylthiophene-2-carbaldehyde			253-252-0
15.075	29	65016-61-7	3-Heptylthiophene			
15.076	29	18794-77-9	2-Hexylthiophene		11616	242-579-4
15.077	29	26494-10-0	4-Hydroxy-2,5-dimethylthiophen-3(2H)-one			247-742-3
15.078	29	53498-32-1	2-Isobutyl-4,5-dimethylthiazole		11617	258-586-0
15.079	30	101517-87-7	2-Isobutyldihydro-4,6-dimethyl-1,3,5-dithiazine	3781		
15.080	29	53498-30-9	2-Isopropyl-4,5-dimethylthiazole			
15.081	20	292-46-6	Lenthionine		11619	
15.082	29	7774-73-4	3-Mercaptothiophene			231-880-6
15.083	20	51647-38-2	3-Methyl-1,2,4-trithiolane			
15.084	29	86290-21-3	5-Methyl-2-pentylthiazole			
15.085	29	13679-83-9	4-Methyl-2-propionylthiazole		11622	
15.086	29	2346-00-1	2-Methyl-2-thiazoline			219-071-6
15.087	29	2527-76-6	2-Methyl-3-mercaptothiophene			219-770-6
15.088	29	120-75-2	2-Methyl-4,5-benzothiazole			204-423-3
15.089	29	3581-87-1	2-Methylthiazole		11626	222-702-8
15.090	29	24050-16-6	2-Methylthiazolidine			
15.091	29	554-14-3	2-Methylthiophene		11631	209-063-0
15.092	29	616-44-4	3-Methylthiophene		11632	210-482-6
15.093	29	880-36-4	2-Octylthiophene			212-913-3
15.094	29	53119-25-8	2-Pentanoylthiophene			
15.095	29	102871-31-8	3-Pentylthiophene			
15.096	29	4861-58-9	sec-Pentylthiophene		11634	225-465-9
15.097	29	13679-75-9	2-Propionylthiophene		11635	237-182-8
15.098	29	17626-75-4	2-Propylthiazole			241-606-7
15.099	29	24050-10-0	2-Propylthiazolidine			
15.100	29	1551-27-5	2-Propylthiophene			216-288-8
15.101	29	1518-75-8	3-Propylthiophene			
15.102	20	110-01-0	Tetrahydrothiophene			203-728-9
15.103	20	291-22-5	1,2,4,5-Tetrathiane			
15.104	29	5333-83-5	1-(2-Thienyl)butan-1-one			226-246-0
15.105	29	94089-02-8	1-(2-Thienyl)ethane-1-thiol		11580	302-104-4
15.106	29	110-02-1	Thiophene		11647	203-729-4
15.107	29	98-03-3	Thiophene-2-carbaldehyde		11874	202-629-8
15.108	29	6258-63-5	2-Thiophenemethanethiol			228-394-1
15.109	30	638-17-5	2,4,6-Trimethyldihydro-1,3,5(4H)-dithiazine		11649	
15.110	20	2765-04-0	2,4,6-Trimethyl-1,3,5-trithiane			
15.111	20	289-16-7	1,2,4-Trithiolane			
15.113	30	74595-94-1	5,6-Dihydro-2,4,6,tris(2-methylpropyl)4H-1,3,5-dithiazine			
15.114	30	101417-25-8	5-Acetyl-2,3-dihydro-1,4-thiazine			
15.115	29	61323-24-8	2-Isobutyl-4-methyl thiazole			262-709-3
15.116	29		2-Acetyl-4-ethylthiazole			
15.117	29		2-Isobutyl-4,5-dimethylthiazole			
15.118	29		4-Butylthiazole			
15.119	29		2-Isobutyl-3-thiazoline			
15.121	29		4-Mercapto-2-methyl-4,5-dihydro-thiophene			
15.122	30		2,4,6-Triethyl-1,3,5-trithiazine			
16.001	02	7563-33-9	Ammonium isovalerate	2054	464	231-458-1

FL No	Synonyms	Systematic name	Comments
15.074			
15.075			
15.076			
15.077			
15.078		4,5-Dimethyl-2-(2-methylpropyl)thiazole	
15.079	2(4)-Isobutyl-4(2),6-dimethyldihydro-4H-1,3,5-dithiazine	2-(2-Methylpropyl)dihydro-4,6-dimethyl-1,3,5-dithiazine	
15.080			
15.081		1,2,3,5,6-Pentathiacycloheptane	
15.082	Thiophene-3-thiol		
15.083			
15.084			
15.085			
15.086			
15.087	2-methylthiophene-3-thiol		
15.088	2-methylbenzothiazole		
15.089			
15.090			
15.091			
15.092			
15.093			
15.094			
15.095			
15.096		1-Methylbutylthiophene	
15.097	2-Propanoylthiophene		
15.098			
15.099			
15.100			
15.101			
15.102	thiacyclopentane-; thiophan-; tetramethylene-sulfide-		
15.103			
15.104	2-Butyrylthiophene		
15.105	1-(2-Thienyl)ethylmercaptan		
15.106			
15.107	2-Formylthiophene		
15.108	Thenyl mercaptan		
15.109	Thialdine		
15.110			
15.111			
15.113			
15.114			
15.115		2-(2-Methylpropyl)-4-methylthiazole	
15.116			
15.117		2-(2-Methylpropyl)-4,5-dimethylthiazole	
15.118			
15.119		2-(2-Methylpropyl)-2,5-dihydrothiazole	
15.121			
15.122			
16.001	Isovaleric acid, ammonium salt; Ammonium 3-methylbutanoate; Butanoic acid, 3-methyl-, ammonium salt	Ammonium 3-methylbutanoate	

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
16.002	30	12135-76-1	Diammonium sulfide	2053	482	2351843
16.006	19	2444-46-4	N-Nonanoyl 4-hydroxy-3-methoxybenzylamide	2787	590	219-484-1
16.007	30	7783-06-4	Hydrogen sulfide	3779	647	231-977-3
16.009	30	7664-41-7	Ammonia		739	231-635-3
16.012	30		Glycyrrhizic acid	2528	2221	215-785-7
16.013	19	39711-79-0	N-Ethyl-2-isopropyl-5-methylcyclohexane carboxamide	3455	2298	254-599-0
16.014	19	404-86-4	N-(4-Hydroxy-3-methoxybenzyl)-8-methylnon-6-enamide	3404	2299	206-969-8
16.015	32	77-83-8	Ethyl methylphenylglycidate	2444	6002	201-061-8
16.016	30	58-08-2	Caffeine	2224	11741	200-362-1
16.017	30	109-95-5	Ethyl nitrite	2446	11869	203-722-6
16.018	32	121-39-1	Ethyl 3-phenyl-2,3-epoxypropionate	2454	11844	204-467-3
16.027	29	67-03-8	Thiamine hydrochloride	3322	10493	200-641-8
16.030	20	67715-80-4	2-Methyl-4-propyl-1,3-oxathiane	3578	11540	
16.032	30	83-67-0	Theobromine	3591		201-494-2
16.039	30		Potassium 2-(1'-ethoxy)ethoxypropanoate	3752		
16.040	32	74367-97-8	Ethyl 2,3-epoxy-3-methyl-3-p-tolylpropionate	3757	11707	277-844-3
16.041	22	13794-15-5	Sodium 2-(4-methoxyphenoxy)propionate	3773		
16.042	32	18383-49-8	Carvone-5,6-oxide		10501	
16.043	32	1139-30-6	beta-Caryophyllene epoxide		10500	214-519-7
16.044	32	35178-55-3	Piperitenone oxide		10508	
16.047	19	60-35-5	Acetamide			200-473-5
16.048	30	12125-02-9	Ammonium chloride			235-186-4
16.049	19	541-35-5	Butyramide			208-776-4
16.050	30	5146-66-7	3,7-Dimethylocta-2,6-dienenitrile			225-918-0
16.051	32	38284-11-6	Epoxy oxophorone			
16.052	19	105-60-2	1,6-Hexalactam			203-313-2
16.053	30	51115-67-4	2-Isopropyl- N,2,3-trimethylbutanamide	3804	10459	256-974-4
16.054	16	65416-59-3	6-Methylene-2,10,10-trimethyl-1-oxaspiro[4.5]dec-7-ene			
16.055	11	564-20-5	Sclareolide	3794		209-269-0
16.056	34	107-35-7	Taurine	3813		203-483-8
16.057	20	72472-02-7	2,4,4-Trimethyl-1,3-oxathiane			
16.058	25	10236-47-2	Naringin	2769	10286	233-566-4
16.059	30	12124-99-1	Ammonium hydrogen sulphide	2053	482	235-184-3
16.060	30	53956-04-0	Glycyrrhizic acid, ammoniated	2528	2221	258-887-7
16.061	30	20702-77-6	Neohesperidine dihydrochalcone	3811		243-978-6
16.062	20	59324-17-3	trans-2-Methyl-4-propyl-1,3-oxathiane			261-700-1
16.064	07	52104-11-7	Caryolanol-1			
16.065	23		4-(beta-D-glucopyranosyloxy)-3-methoxy-benzaldehyde			
16.066	30	34625-23-5	Ethyl-D-glucopyranoside			252-122-0
16.067	30	18604-50-7	2-Methoxy-4-(2-propenyl)phenyl-beta-D-glucopyranoside			
16.068	30	100-47-0	Benzonitrile			202-855-7

FL No	Synonyms	Systematic name	Comments
16.002	Ammonium monosulfide		1, 5
16.006	Pelargonyl vanillylamide; N-(4-Hydroxy-3-methoxybenzyl)nonanamide; n-Nonanoyl vanillylamide		
16.007			
16.009			4
16.012	Glycyrrhizin		3, 5
16.013	N-Ethyl-p-menthane-3-carboxamide		
16.014	Capsaicin; 8-Methylnon-6-enoyl 4-hydroxy-3-methoxybenzylamide; tr-8-methyl-N-vanillyl-6-nonenamide; Isodecenoic acid vanillylamide;		
16.015	Ethyl alpha,beta-epoxy-beta-methylphenylpropionate; Strawberry aldehyde; Aldehyde C-16;	Ethyl 2,3-epoxy-3-methyl-3-phenylbut-anoate	
16.016		1,3,7-trimethyl-2,6-dioxopurine	2, 3
16.017	Nitrous ether;		4
16.018	Ethyl alpha,beta-epoxy-alpha-phenylpropionate; Ethyl 3-phenylglycidate;		
16.027	Vitamin B1;	3-((4-amino-2-methyl-5-pyrimidinyl)methyl)-5-(2-hydroxyethyl)-4-methyl-thiazolium chloride	1, 3
16.030	1,3-Oxathiane, 2-methyl-4-propyl;-		
16.032	3,7-Dihydro-3,7-dimethyl-1h-purine-2,6-dione; 3,7-Dimethylxanthine; 1H-purine-2,6-dione, 3,7-dihydro-3,7-dimethyl;	3,7-Dihydro-3,7-dimethyl-1H-purine-2,6-dione	2, 3
16.039			
16.040	Ethyl methyl-p-tolylglycidate; Ethyl methyl-p-methylphenylglycidate;	Ethyl 2,3-epoxy-3-(4-methylphenyl)but-anoate	
16.041			
16.042		5,6-Epoxy-p-menth-8-en-2-one	
16.043	beta-Caryophyllene oxide	4,5-Epoxy-4,12,12-trimethyl-8-methylene-bicyclo[8.2.0]dodecane	
16.044		1,2-Epoxy-p-menth-4(8)-en-3-one	
16.047			
16.048			
16.049	Butanamide		
16.050			
16.051	1,3,3-Trimethyl-7-oxabicyclo[4.1.0] heptane-2,5-dione	2,3-epoxy-2,6,6-trimethyl-1,4-cyclohexan-edione	
16.052			
16.053	2-Isopropyl-N,2,3-trimethylbutyramide; N,2,3-trimethyl-2-isopropylbutanamide		
16.054	Vitispirane		
16.055	Norambrienolide; Decahydro-tetramethylnaphtho-furanone	3a,6,6,9a-Tetramethyldecahydronap-tho(2,1b) furan-1-one	
16.056		2-Aminoethanesulfonic acid	1, 3
16.057			
16.058			
16.059			1, 5
16.060			1, 3, 5
16.061			4
16.062			
16.064			
16.065			
16.066			
16.067			
16.068			4

FL No	Chemical group	CAS	Name	Fema	CoE	Einecs
16.069	30	85-32-5	Guanilic acid			
16.070	32		7,15-Epoxy-3-caryophyllene			
16.071	32		4,5-Epoxydec-2(trans)-enal			
16.073	01		Sodium diacetate	3900		
16.075	23		Ethyl vanillin beta-D-glucopyranoside	3801		
16.077	20		2-(2-Methyl-1-propenyl)-4,4-dimethyl-1,3-oxathiane			
16.078	34		Lycine hydrochloride			
16.079	25		4-(p-hydroxyphenyl)-2-butanone-beta-D-glucopyranoside			
16.080	30	72401-53-7	Tannic acid	3042		276-638-0
16.081	30	126-14-7	Sucrose octaacetate	3038	11819	204-772-1
17.001	34	107-95-9	beta-Alanine	3252		203-536-5
17.002	34	56-41-7	l-Alanine	3818	11729	200-273-8
17.003	34	74-79-3	l-Arginine	3819	11890	200-811-1
17.004	34	3130-87-8	Asparagine		516	221-521-1
17.005	34	56-84-8	Aspartic acid	3656	10078	200-291-6
17.006	34	56-89-3	Cystine		11747	200-296-3
17.007	34	56-85-9	Glutamine	3684		200-292-1
17.008	34	71-00-1	l-Histidine	3694		200-745-3
17.009	34	36901-87-8	4-Hydroxyproline			
17.010	34	443-79-8	d,l-Isoleucine	3295	10127	207-139-8
17.011	34	595-39-1	Isovaline			
17.012	34	61-90-5	l-Leucine	3297	10482	200-522-0
17.013	34	70-54-2	DL-Lysine	3847	11947	200-740-6
17.014	34	59-51-8	d,l-Methionine	3301	569	200-432-1
17.015	34	1115-84-0	S-Methylmethioninesulphonium chloride	3445	761	214-231-1
17.016	34	3184-13-2	l-Ornithine monochlorohydrate			221-678-6
17.017	34	150-30-1	DL-Phenylalanine	3726	10488	205-756-7
17.018	34	63-91-2	l-Phenylalanine	3585	10488	200-568-1
17.019	34	147-85-3	l-Proline	3319	10490	205-702-2
17.020	34	302-84-1	Serine			206-130-6
17.021	34	80-68-2	Threonine			201-300-6
17.022	34	60-18-4	l-Thyrosine	3736		200-460-4
17.023	34	516-06-3	DL-Valine	3444		208-220-0
17.024	34	302-72-7	DL-Alanine	3818	11729	206-126-4
17.026	34	56-87-1	l-Lysine	3847	11947	200-294-2
17.027	34	63-68-3	l-Methionine	3301		200-562-9
17.028	34	72-18-4	l-Valine	3444		200-773-6
17.030	34	73-32-5	l-iso Leucine			200-798-2
17.031	34	657-27-2	l-Lysine monochlorhydrate			
17.032	34	52-89-1	l-Cysteine hydrochloride		11746	200-157-7
17.033	34	52-90-4	l-Cysteine	3263	10464	200-158-2
17.034	34	56-40-6	Glycine	3287	11771	200-272-2

FL No	Synonyms	Systematic name	Comments
16.069			
16.070			
16.071			
16.073	Sodium ethanoate		
16.075			
16.077			
16.078			
16.079			
16.080		D-glucose pentakis[3,4-dihydroxy-5-[(trihydroxy-3,4,5-benzoyl)oxy]benzoate]	
16.081	Octaacetylsucrose; Octaacetyl sucrose		
17.001		3-Aminopropanoic acid	1, 3
17.002		2-Aminopropanoic acid	1, 3
17.003	(S)-2-Amino-5-guanidinovaleric acid; Arginine; 2-Amino-5-guanidinovaleric acid		1, 3
17.004			1, 3
17.005		2-Aminobutanedioic acid	1, 3
17.006			1, 3, 5
17.007			1, 3
17.008			1, 3
17.009		4-Hydroxy pyrrolidine-2-carboxylic acid	
17.010		2-Amino-3-methylpentanoic acid	1, 3
17.011	2-amino-2-methylbutyric acid	2-Amino-2-methylbutanoic acid	1, 3
17.012			1, 3
17.013			1, 3, 5
17.014	D,L-Methionine; alpha-Amino-gamma-methyl thio-n-butyric acid; 2-Amino-4-(methy thio)-butanoic acid	2-Amino-4-(methylthio)butanoic acid	1, 3
17.015	Vitamin U; DL-(3-Amino-3-carboxypropyl)dimethylsulphonium chloride		
17.016			1, 3
17.017			1, 3
17.018			1, 3
17.019		Pyrrolidine-2-carboxylic acid	1, 3
17.020		2-Amino-3-hydroxypropanoic acid	1, 3
17.021		2-Amino-3-hydroxybutanoic acid	1, 3
17.022			1, 3
17.023		2-Amino-3-methylbutanoic acid	1, 3
17.024	L-alpha-Alanine; (S)-2-Aminopropanoic acid; L-alpha-Aminopropionic acid; DL-Alanine; DL-2-Aminopropanoic acid		1, 3, 5
17.026	Lysine; (S)-2,6-Diaminohexanoic acid; alpha, epsilon-Diaminocaproic acid		1, 3
17.027			1, 3, 5
17.028			1, 3, 5
17.030			1, 3
17.031			1, 3, 5
17.032			1
17.033			1
17.034			1

PART B

**FLAVOURING SUBSTANCES NOTIFIED IN APPLICATION OF ARTICLE 3(2) OF REGULATION (EC)
No 2232/96, FOR WHICH THE PROTECTION OF THE INTELLECTUAL PROPERTY RIGHTS OF THE
MANUFACTURER HAS BEEN REQUESTED**

Code	Date of receipt of the notification by the Commission
CN003	17.10.1998
CN004	17.10.1998
CN009	17.10.1998
CN010	17.10.1998
CN012	17.10.1998
CN013	17.10.1998
CN014	17.10.1998
CN016	17.10.1998
CN019	17.10.1998
CN022	17.10.1998
CN023	17.10.1998
CN030	17.10.1998
CN031	17.10.1998
CN033	17.10.1998
CN035	17.10.1998
CN036	17.10.1998
CN037	17.10.1998
CN042	17.10.1998
CN045	17.10.1998
CN048	17.10.1998
CN049	17.10.1998
CN050	17.10.1998
CN052	17.10.1998
CN053	17.10.1998
CN054	17.10.1998
CN057	17.10.1998
CN058	30.10.1998
CN059	18.9.1998
CN060	26.10.1998
CN061	26.10.1998
CN064	3.2.1999
CN065	26.1.2001'