

Annex B : List of authorised monomers, other starting substances, macromolecules obtained from microbial fermentation, additives and polymer production aids  
(version 17/11/2009 Consultation Member States, Industry, EFSA)

FCM Substance No (17/11/09)	Ref. No	CAS No	Substance name	use as additive or polymer production aid (yes/no)	use as monomer or other starting substance or macromolecule obtained from microbial fermentation (yes/no)	FRF applicable (yes/no)	SML [mg/kg]	SML(T) [mg/kg] (group restriction No)	Restrictions and specifications	Notes on verification of compliance	eligible for migration modelling
1	12310	—	albumin	no	yes	no					no
2	12340	—	albumin, coagulated by formaldehyde	no	yes	no					no
3	12375	—	alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C22)	no	yes	no					yes
4	22332	—	mixture of (40 % w/w) 2,2,4-trimethylhexane-1,6-diisocyanate and (60 % w/w) 2,4,4-trimethylhexane-1,6-diisocyanate	no	yes	no		(17)	1 mg/kg in FP expressed as NCO		yes
5	25360	—	trialkyl(C5-C15)acetic acid, 2,3-epoxypropyl ester	no	yes	no	ND		1 mg/kg in FP expressed as epoxygroup Molecular weight is 43 Da		yes
6	25380	—	trialkyl acetic acid (C7-C17), vinyl esters	no	yes	no	0,05			(1)	yes
7	30370	—	acetylacetic acid, salts	yes	no	no					yes/as acid
8	30401	—	acetylated mono- and diglycerides of fatty acids	yes	no	no					yes
9	30610	—	acids, C2-C24, aliphatic, linear, monocarboxylic from natural oils and fats, and their mono-, di- and triglycerol esters (branched fatty acids at naturally occurring levels are included)	yes	no	no					yes
10	30612	—	acids, C2-C24, aliphatic, linear, monocarboxylic, synthetic and their mono-, di- and triglycerol esters	yes	no	no					yes
11	30960	—	acids, aliphatic, monocarboxylic (C6-C22), esters with polyglycerol	yes	no	no					yes
12	31328	—	acids, fatty, from animal or vegetable food fats and oils	yes	no	no					yes
13	33120	—	alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C24)	yes	no	no					yes
14	33801	—	n-alkyl(C10-C13)benzenesulphonic acid	yes	no	no	30				yes
15	34130	—	alkyl, linear with even number of carbon atoms (C12-C20) dimethylamines	yes	no	yes	30				yes
16	34230	—	alkyl(C8-C22)sulphonic acids	yes	no	no	6				yes
17	34281	—	alkyl(C8-C22)sulphuric acids, linear, primary with an even number of carbon atoms	yes	no	no					yes
18	34475	—	aluminum calcium hydroxide phosphite, hydrate	yes	no	no					no
19	39090	—	N,N-bis(2-hydroxyethyl)alkyl(C8-C18)amine	yes	no	no		(7)			yes

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20	39120	—	N,N-bis(2-hydroxyethyl)alkyl(C8-C18)amine hydrochlorides	yes	no	no		(7)	SML(T) expressed excluding HCl		yes
21	42500	—	carbonic acid, salts	yes	no	no					no
22	43200	—	castor oil, mono- and diglycerides	yes	no	no					yes
23	43515	—	chlorides of choline esters of coconut oil fatty acids	yes	no	no	0,9			(1)	yes
24	45280	—	cotton fibers	yes	no	no					no
25	45440	—	cresols, butylated, styrenated	yes	no	no	12				yes
26	46700	—	5,7-di-tert-butyl-3-(3,4- and 2,3-dimethylphenyl)-3H-benzofuran-2-one containing: a) 5,7-di-tert-butyl-3-(3,4-dimethylphenyl)-3H-benzofuran-2-one (80 to 100 % w/w) and b) 5,7-di-tert-butyl-3-(2,3-dimethylphenyl)-3H-benzofuran-2-one (0 to 20 % w/w)	yes	no	no	5				yes
27	48960	—	9,10-dihydroxy stearic acid and its oligomers	yes	no	no	5				yes/pa
28	50160	—	di-n-octyltin bis(n-alkyl(C10-C16) mercaptoacetate)	yes	no	no		(10)			yes
29	50360	—	di-n-octyltin bis(ethyl maleate)	yes	no	no		(10)			yes
30	50560	—	di-n-octyltin 1,4-butanediol bis(mercaptoacetate)	yes	no	no		(10)			yes
31	50800	—	di-n-octyltin dimaleate, esterified	yes	no	no		(10)			yes
32	50880	—	di-n-octyltin dimaleate, polymers (n = 2-4)	yes	no	no		(10)			yes
33	51120	—	di-n-octyltin thiobenzoate 2-ethylhexyl mercaptoacetate	yes	no	no		(10)			yes/pa
34	54270	—	ethylhydroxymethylcellulose	yes	no	no					no
35	54280	—	ethylhydroxypropylcellulose	yes	no	no					no
36	54450	—	fats and oils, from animal or vegetable food sources	yes	no	no					yes
37	54480	—	fats and oils, hydrogenated, from animal or vegetable food sources	yes	no	no					yes
38	55520	—	glass fibers	yes	no	no					no
39	55600	—	glass microballs	yes	no	no					no
40	56360	—	glycerol, esters with acetic acid	yes	no	no					yes
41	56486	—	glycerol, esters with acids, aliphatic, saturated, linear, with an even number of carbon atoms (C14-C18) and with acids, aliphatic, unsaturated, linear, with an even number of carbon atoms (C16-C18)	yes	no	no					yes
42	56487	—	glycerol, esters with butyric acid	yes	no	no					yes
43	56490	—	glycerol, esters with erucic acid	yes	no	no					yes

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44	56495	—	glycerol, esters with 12-hydroxystearic acid	yes	no	no					yes
45	56500	—	glycerol, esters with lauric acid	yes	no	no					yes
46	56510	—	glycerol, esters with linoleic acid	yes	no	no					yes
47	56520	—	glycerol, esters with myristic acid	yes	no	no					yes
48	56535	—	glycerol, esters with nonanoic acid	yes	no	no					yes
49	56540	—	glycerol, esters with oleic acid	yes	no	no					yes
50	56550	—	glycerol, esters with palmitic acid	yes	no	no					yes
51	56570	—	glycerol, esters with propionic acid	yes	no	no					yes
52	56580	—	glycerol, esters with ricinoleic acid	yes	no	no					yes
53	56585	—	glycerol, esters with stearic acid	yes	no	no					yes
54	57040	—	glycerol monooleate, ester with ascorbic acid	yes	no	no					yes
55	57120	—	glycerol monooleate, ester with citric acid	yes	no	no					yes
56	57200	—	glycerol monopalmitate, ester with ascorbic acid	yes	no	no					yes
57	57280	—	glycerol monopalmitate, ester with citric acid	yes	no	no					yes
58	57600	—	glycerol monostearate, ester with ascorbic acid	yes	no	no					yes
59	57680	—	glycerol monostearate, ester with citric acid	yes	no	no					yes
60	58300	—	glycine, salts	yes	no	no					no
61	60025	—	hydrogenated homopolymers and/or copolymers made of 1-decene and/or 1-dodecene and/or 1-octene	yes	no	no			Not to be used for articles in contact with fatty foods for which simulant D is laid down Average molecular weight not less than 450 Da Viscosity at 100 °C not less than 3,8 cSt (3,8 x 10 <sup>6</sup> m <sup>2</sup> /s)		yes/pa
62	64500	—	lysine, salts	yes	no	no					no
63	65440	—	manganese pyrophosphite	yes	no	no					no
64	66695	—	methylhydroxymethylcellulose	yes	no	no					no
65	67155	—	mixture of 4-(2-benzoxazolyl)-4'-(5-methyl-2-benzoxazolyl)stilbene, 4,4'-bis(2-benzoxazolyl) stilbene and 4,4'-bis(5-methyl-2-benzoxazolyl)stilbene	yes	no	no			Not more than 0,05 % (w/w) (quantity of substance used/quantity of the formulation) Mixture obtained from the manufacturing process in the typical ratio of (58-62 %):(23-27 %):(13-17 %)		yes

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66	67600	—	mono-n-octyltin tris(alkyl(C10-C16) mercaptoacetate)	yes	no	no		(11)			yes
67	67840	—	montanic acids and/or their esters with ethyleneglycol and/or with 1,3-butanediol and/or with glycerol	yes	no	no					yes
68	73160	—	phosphoric acid, mono- and di-n-alkyl (C16 and C18) esters	yes	no	yes	0,05				yes
69	74400	—	phosphorous acid, tris(nonyl-and/or dinonylphenyl) ester	yes	no	yes	30				yes
70	76463	—	polyacrylic acid, salts	yes	no	no		(22)			no
71	76730	—	polydimethylsiloxane,γ-hydroxypropylated	yes	no	no	6				yes/pa
72	76815	—	polyester of adipic acid with glycerol or pentaerythritol, esters with even numbered, unbranched C12-C22 fatty acids	yes	no	no			The fraction with molecular weight below 1 000 Da should not exceed 5 % (w/w)		yes/pa
73	76866	—	polyesters of 1,2-propanediol and/or 1,3- and/or 1,4-butanediol and/or polypropyleneglycol with adipic acid, which may be end-capped with acetic acid or fatty acids C12-C18 or n-octanol and/or n-decanol	yes	no	yes		(31)			yes/pa
74	77440	—	polyethyleneglycol diricinoleate	yes	no	yes	42				yes/pa
75	77702	—	polyethyleneglycol esters of aliph. monocarb. acids (C6-C22) and their ammonium and sodium sulphates	yes	no	no					yes/pa
76	77732	—	polyethylene glycol (EO=1-30, typically 5) ether of butyl 2-cyano 3-(4-hydroxy-3-methoxyphenyl) acrylate	yes	no	no	0,05		Only for use in PET		yes/pa
77	77733	—	polyethyleneglycol (EO=1-30, typically 5) ether of butyl-2-cyano-3-(4-hydroxyphenyl) acrylate	yes	no	no	0,05		Only for use in PET		yes/pa
78	77897	—	polyethyleneglycol (EO =1-50) monoalkylether (linear and branched, C8-C20) sulphate, salts	yes	no	no	5				yes/pa
79	80640	—	polyoxyalkyl (C2-C4) dimethylpolysiloxane	yes	no	no					yes/pa
80	81760	—	powders, flakes and fibres of brass, bronze, copper, stainless steel, tin, iron and alloys of copper, tin and iron	yes	no	no					no
81	83320	—	propylhydroxyethylcellulose	yes	no	no					no
82	83325	—	propylhydroxymethylcellulose	yes	no	no					no
83	83330	—	propylhydroxypropylcellulose	yes	no	no					no
84	85601	—	silicates, natural (with the exception of asbestos)	yes	no	no					no
85	85610	—	silicates, natural, silanated (with the exception of asbestos)	yes	no	no					no
86	86000	—	silicic acid, silylated	yes	no	no					no
87	86285	—	silicon dioxide, silanated	yes	no	no					no

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88	86880	—	sodium monoalkyl dialkylphenoxybenzenedisulphonate	yes	no	no	9				yes/as acid
89	89440	—	stearic acid, esters with ethyleneglycol	yes	no	no		(2)			yes
90	92195	—	taurine, salts	yes	no	no					yes/as acid
91	92320	—	tetradecyl-polyethyleneglycol(EO=3-8) ether of glycolic acid	yes	no	yes	15				yes/pa
92	93970	—	tricyclodecanedimethanol bis(hexahydrophthalate)	yes	no	no	0,05				yes
93	95858	—	waxes, paraffinic, refined, derived from petroleum based or synthetic hydrocarbon feedstocks, low viscosity	yes	no	no	0,05		Not to be used for articles in contact with fatty foods for which simulant D is laid down Average molecular weight not less than 350 Da Viscosity at 100 °C not less than 2,5 cSt (2,5 x 10 <sup>6</sup> m <sup>2</sup> /s) Content of hydrocarbons with Carbon number less than 25, not more than 40 % (w/w)		yes/pa
94	95859	—	waxes, refined, derived from petroleum based or synthetic hydrocarbon feedstocks, high viscosity	yes	no	no			Average molecular weight not less than 500 Da Viscosity at 100 °C not less than 11 cSt (11 x 10 <sup>-6</sup> m <sup>2</sup> /s) Content of mineral hydrocarbons with Carbon number less than 25, not more than 5 % (w/w)		yes/pa
95	95883	—	white mineral oils, paraffinic, derived from petroleum based hydrocarbon feedstocks	yes	no	no			Average molecular weight not less than 480 Da Viscosity at 100 °C not less than 8,5 cSt (8,5 x 10 <sup>6</sup> m <sup>2</sup> /s) Content of mineral hydrocarbons with Carbon number less than 25, not more than 5 % (w/w)		yes/pa
96	95920	—	wood flour and fibers, untreated	yes	no	no					no
97	72081/10	—	petroleum hydrocarbon resins (hydrogenated)	yes	no	no			Petroleum hydrocarbon resins, hydrogenated are produced by the catalytic or thermal polymerisation of dienes and olefins of the aliphatic, alicyclic and/or monobenzenoid arylalkene types from distillates of cracked petroleum stocks with a boiling range not greater than 220 °C, as well as the pure monomers found in these distillation streams, subsequently followed by distillation, hydrogenation and additional processing Properties: Viscosity at 120 °C: > 3 Pa.s Softening point: > 95 °C as determined by ASTM Method E 28-67 Bromine number: < 40 (ASTM D1159) The colour of a 50 % solution in toluene < 11 on the Gardner scale Residual aromatic monomer ≤ 50 ppm		yes/pa

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98	17260 54880	0000050-00-0	formaldehyde	yes	yes	no		(15)			yes
99	19460 62960	0000050-21-5	lactic acid	yes	yes	no					yes
100	24490 88320	0000050-70-4	sorbitol	yes	yes	no					yes
101	36000	0000050-81-7	ascorbic acid	yes	no	no					yes
102	17530	0000050-99-7	glucose	no	yes	no					yes
103	18100 55920	0000056-81-5	glycerol	yes	yes	no					yes
104	58960	0000057-09-0	hexadecyltrimethylammonium bromide	yes	no	no	6				yes
105	22780 70400	0000057-10-3	palmitic acid	yes	yes	no					yes
106	24550 89040	0000057-11-4	stearic acid	yes	yes	no					yes
107	25960	0000057-13-6	urea	no	yes	no					yes
108	24880	0000057-50-1	sucrose	no	yes	no					yes
109	23740 81840	0000057-55-6	1,2-propanediol	yes	yes	no					yes
110	93520	0000059-02-9 0010191-41-0	$\alpha$ -tocopherol	yes	no	no					yes
111	53600	0000060-00-4	ethylenediaminetetraacetic acid	yes	no	no					yes
112	64015	0000060-33-3	linoleic acid	yes	no	no					yes
113	16780 52800	0000064-17-5	ethanol	yes	yes	no					yes
114	55040	0000064-18-6	formic acid	yes	no	no					yes
115	10090 30000	0000064-19-7	acetic acid	yes	yes	no					yes
116	13090 37600	0000065-85-0	benzoic acid	yes	yes	no					yes
117	21550	0000067-56-1	methanol	no	yes	no					yes
118	23830 81882	0000067-63-0	2-propanol	yes	yes	no					yes
119	30295	0000067-64-1	acetone	yes	no	no					yes
120	49540	0000067-68-5	dimethyl sulphoxide	yes	no	no					yes
121	24270 84640	0000069-72-7	salicylic acid	yes	yes	no					yes
122	23800	0000071-23-8	1-propanol	no	yes	no					yes

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123	13840	0000071-36-3	1-butanol	no	yes	no					yes
124	22870	0000071-41-0	1-pentanol	no	yes	no					yes
125	16950	0000074-85-1	ethylene	no	yes	no					yes
126	10210	0000074-86-2	acetylene	no	yes	no					yes
127	26050	0000075-01-4	vinyl chloride	no	yes	no	ND		1 mg/kg in FP		yes
128	10060	0000075-07-0	acetaldehyde	no	yes	no		(1)			yes
129	17020	0000075-21-8	ethylene oxide	no	yes	no	ND		1 mg/kg in FP	(10)	yes
130	26110	0000075-35-4	vinylidene chloride	no	yes	no	0,05			(1)	yes
131	48460	0000075-37-6	1,1-difluoroethane	yes	no	no					yes
132	26140	0000075-38-7	vinylidene fluoride	no	yes	no	5				yes
133	14380 23155	0000075-44-5	carbonyl chloride	no	yes	no	ND		1 mg/kg in FP	(10)	yes
134	43680	0000075-45-6	chlorodifluoromethane	yes	no	no	6		Content of chlorofluoromethane less than 1 mg/kg of the substance		yes
135	24010	0000075-56-9	propylene oxide	no	yes	no	ND		1 mg/kg in FP		yes
136	41680	0000076-22-2	camphor	yes	no	no				(3)	yes
137	66580	0000077-62-3	2,2'-methylenebis(4-methyl-6-(1-methylcyclohexyl)phenol)	yes	no	yes		(5)			yes
138	93760	0000077-90-7	tri-n-butyl acetyl citrate	yes	no	no					yes
139	14680 44160	0000077-92-9	citric acid	yes	yes	no					yes
140	44640	0000077-93-0	citric acid, triethyl ester	yes	no	no					yes
141	13380 25600 94960	0000077-99-6	1,1,1-trimethylolpropane	yes	yes	no	6				yes
142	26305	0000078-08-0	vinyltriethoxysilane	no	yes	no	0,05		Only to be used as a surface treatment agent	(1)	yes
143	62450	0000078-78-4	isopentane	yes	no	no					yes
144	19243 21640	0000078-79-5	2-methyl-1,3-butadiene	no	yes	no	ND		1 mg/kg in FP		yes
145	10630	0000079-06-1	acrylamide	no	yes	no	ND				yes
146	23890 82000	0000079-09-4	propionic acid	yes	yes	no					yes
147	10690	0000079-10-7	acrylic acid	no	yes	no		(22)			yes

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148	14650	0000079-38-9	chlorotrifluoroethylene	no	yes	no	ND			(1)	yes
149	19990	0000079-39-0	methacrylamide	no	yes	no	ND				yes
150	20020	0000079-41-4	methacrylic acid	no	yes	no		(23)			yes
151	13480 13607	0000080-05-7	2,2-bis(4-hydroxyphenyl)propane	no	yes	no	0,6				yes
152	15610	0000080-07-9	4,4'-dichlorodiphenyl sulphone	no	yes	no	0,05				yes
153	15267	0000080-08-0	4,4'-diaminodiphenyl sulphone	no	yes	no	5				yes
154	13617 16090	0000080-09-1	4,4'-dihydroxydiphenyl sulphone	no	yes	no	0,05				yes
155	23470	0000080-56-8	$\alpha$ -pinene	no	yes	no					yes
156	21130	0000080-62-6	methacrylic acid, methyl ester	no	yes	no		(23)			yes
157	74880	0000084-74-2	phthalic acid, dibutyl ester	yes	no	no	0,3		Only to be used as: (a) plasticizer in repeated use materials and articles contacting non-fatty foods; (b) technical support agent in polyolefines in concentrations up to 0,05 % in the FP	(7)	yes
158	23380 76320	0000085-44-9	phthalic anhydride	yes	yes	no					yes
159	74560	0000085-68-7	phthalic acid, benzyl butyl ester	yes	no	no	30		Only to be used as: (a) plasticizer in repeated use materials and articles; (b) plasticizer in single-use materials and articles contacting non-fatty foods except for infant formulae and follow-on formulae as defined by Commission Directive 2006/141/EC and contacting processed cereal-based foods and baby foods for infants and young children as defined by Commission Directive 2006/125/EC; (c) technical support agent in concentrations up to 0,1 % in the FP	(7)	yes
160	84800	0000087-18-3	salicylic acid, 4-tert-butylphenyl ester	yes	no	yes	12				yes
161	92160	0000087-69-4	tartaric acid	yes	no	no					yes
162	65520	0000087-78-5	mannitol	yes	no	no					yes
163	66400	0000088-24-4	2,2'-methylene bis(4-ethyl-6-tert-butylphenol)	yes	no	yes		(13)			yes
164	34895	0000088-68-6	2-aminobenzamide	yes	no	no	0,05		Only for use in PET for water and beverages		yes
165	23200 74480	0000088-99-3	<i>o</i> -phthalic acid	yes	yes	no					yes
166	24057	0000089-32-7	pyromellitic anhydride	no	yes	no	0,05				yes

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167	25240	0000091-08-7	2,6-toluene diisocyanate	no	yes	no		(17)	1 mg/kg in FP expressed as NCO		yes
168	13075 15310	0000091-76-9	2,4-diamino-6-phenyl-1,3,5-triazine	no	yes	no	5			(1)	yes
169	16240	0000091-97-4	3,3'-dimethyl-4,4'-diisocyanatobiphenyl	no	yes	no		(17)	1 mg/kg in FP expressed as NCO	(10)	yes
170	16000	0000092-88-6	4,4'-dihydroxybiphenyl	no	yes	no	6				yes
171	38080	0000093-58-3	benzoic acid, methyl ester	yes	no	no					yes
172	37840	0000093-89-0	benzoic acid, ethyl ester	yes	no	no					yes
173	60240	0000094-13-3	4-hydroxybenzoic acid, propyl ester	yes	no	no					yes
174	14740	0000095-48-7	<i>o</i> -cresol	no	yes	no					yes
175	20050	0000096-05-9	methacrylic acid, allyl ester	no	yes	no	0,05				yes
176	11710	0000096-33-3	acrylic acid, methyl ester	no	yes	no		(22)			yes
177	16955	0000096-49-1	ethylene carbonate	no	yes	no	30		SML expressed as ethyleneglycol Residual content of 5 mg ethylene carbonate per kg of hydrogel with max 10 g of hydrogel in contact with 1 kg of food		yes
178	92800	0000096-69-5	4,4'-thiobis(6-tert-butyl-3-methylphenol)	yes	no	yes	0,48				yes
179	48800	0000097-23-4	2,2'-dihydroxy-5,5'-dichlorodiphenylmethane	yes	no	yes	12				yes
180	17160	0000097-53-0	eugenol	no	yes	no	ND				yes
181	20890	0000097-63-2	methacrylic acid, ethyl ester	no	yes	no		(23)			yes
182	19270	0000097-65-4	itaconic acid	no	yes	no					yes
183	21010	0000097-86-9	methacrylic acid, isobutyl ester	no	yes	no		(23)			yes
184	20110	0000097-88-1	methacrylic acid, butyl ester	no	yes	no		(23)			yes
185	20440	0000097-90-5	methacrylic acid, diester with ethyleneglycol	no	yes	no	0,05				yes
186	14020	0000098-54-4	4-tert-butylphenol	no	yes	no	0,05				yes
187	22210	0000098-83-9	$\alpha$ -methylstyrene	no	yes	no	0,05				yes
188	19180	0000099-63-8	isophthalic acid dichloride	no	yes	no		(27)			yes
189	60200	0000099-76-3	4-hydroxybenzoic acid, methyl ester	yes	no	no					yes
190	18880	0000099-96-7	<i>p</i> -hydroxybenzoic acid	no	yes	no					yes
191	24940	0000100-20-9	terephthalic acid dichloride	no	yes	no		(28)			yes

Annex B : List of authorised monomers, other starting substances, macromolecules obtained from microbial fermentation, additives and polymer production aids  
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FCM Substance No (17/11/09)	Ref. No	CAS No	Substance name	use as additive or polymer production aid (yes/no)	use as monomer or other starting substance or macromolecule obtained from microbial fermentation (yes/no)	FRF applicable (yes/no)	SML [mg/kg]	SML(T) [mg/kg] (group restriction No)	Restrictions and specifications	Notes on verification of compliance	eligible for migration modelling
192	23187	—	phthalic acid	no	yes	no		(28)			yes
193	24610	0000100-42-5	styrene	no	yes	no					yes
194	13150	0000100-51-6	benzyl alcohol	no	yes	no					yes
195	37360	0000100-52-7	benzaldehyde	yes	no	no				(3)	yes
196	18670 59280	0000100-97-0	hexamethylenetetramine	yes	yes	no		(15)			yes
197	20260	0000101-43-9	methacrylic acid, cyclohexyl ester	no	yes	no	0,05				yes
198	16630	0000101-68-8	diphenylmethane-4,4'-diisocyanate	no	yes	no		(17)	1 mg/kg in FP expressed as NCO	(10)	yes
199	24073	0000101-90-6	resorcinol diglycidyl ether	no	yes	no	ND		Not to be used for articles in contact with fatty foods for which simulant D is laid down For indirect food contact only, behind a PET layer	(8)	yes
200	51680	0000102-08-9	N,N'-diphenylthiourea	yes	no	yes	3				yes
201	16540	0000102-09-0	diphenyl carbonate	no	yes	no	0,05				yes
202	23070	0000102-39-6	(1,3-phenylenedioxy)diacetic acid	no	yes	no	0,05			(1)	yes
203	13323	0000102-40-9	1,3-bis(2-hydroxyethoxy)benzene	no	yes	no	0,05				yes
204	25180 92640	0000102-60-3	N,N,N',N'-tetrakis(2-hydroxypropyl)ethylenediamine	yes	yes	no					yes
205	25385	0000102-70-5	triallylamine	no	yes	no			40 mg/kg hydrogel at a ratio of 1 kg food to a maximum of 1,5 grams of hydrogel Only to be used in hydrogels intended for non-direct food contact use		yes
206	11500	0000103-11-7	acrylic acid, 2-ethylhexyl ester	no	yes	no	0,05				yes
207	31920	0000103-23-1	adipic acid, bis(2-ethylhexyl) ester	yes	no	yes	18			(2)	yes
208	18898	0000103-90-2	N-(4-hydroxyphenyl) acetamide	no	yes	no	0,05				yes
209	17050	0000104-76-7	2-ethyl-1-hexanol	no	yes	no	30				yes
210	13390 14880	0000105-08-8	1,4-bis(hydroxymethyl)cyclohexane	no	yes	no					yes
211	23920	0000105-38-4	propionic acid, vinyl ester	no	yes	no		(1)			yes
212	14200 41840	0000105-60-2	caprolactam	yes	yes	no		(4)			yes
213	82400	0000105-62-4	1,2-propyleneglycol dioleate	yes	no	no					yes
214	61840	0000106-14-9	12-hydroxystearic acid	yes	no	no					yes

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FCM Substance No (17/11/09)	Ref. No	CAS No	Substance name	use as additive or polymer production aid (yes/no)	use as monomer or other starting substance or macromolecule obtained from microbial fermentation (yes/no)	FRF applicable (yes/no)	SML [mg/kg]	SML(T) [mg/kg] (group restriction No)	Restrictions and specifications	Notes on verification of compliance	eligible for migration modelling
215	14170	0000106-31-0	butyric anhydride	no	yes	no					yes
216	14770	0000106-44-5	<i>p</i> -cresol	no	yes	no					yes
217	15565	0000106-46-7	1,4-dichlorobenzene	no	yes	no	12				yes
218	11590	0000106-63-8	acrylic acid, isobutyl ester	no	yes	no		(22)			yes
219	14570 16750	0000106-89-8	epichlorohydrin	no	yes	no	ND		1 mg/kg in FP	(10)	yes
220	20590	0000106-91-2	methacrylic acid, 2,3-epoxypropyl ester	no	yes	no	0,02			(10)	yes
221	40570	0000106-97-8	butane	yes	no	no					yes
222	13870	0000106-98-9	1-butene	no	yes	no					yes
223	13630	0000106-99-0	butadiene	no	yes	no	ND		1 mg/kg in FP		yes
224	13900	0000107-01-7	2-butene	no	yes	no					yes
225	12100	0000107-13-1	acrylonitrile	no	yes	no	ND				yes
226	15272 16960	0000107-15-3	ethylenediamine	no	yes	no	12				yes
227	16990 53650	0000107-21-1	ethyleneglycol	yes	yes	no		(2)			yes
228	13690	0000107-88-0	1,3-butanediol	no	yes	no					yes
229	14140	0000107-92-6	butyric acid	no	yes	no					yes
230	16150	0000108-01-0	dimethylaminoethanol	no	yes	no	18				yes
231	10120	0000108-05-4	acetic acid, vinyl ester	no	yes	no	12				yes
232	10150 30280	0000108-24-7	acetic anhydride	yes	yes	no					yes
233	24850	0000108-30-5	succinic anhydride	no	yes	no					yes
234	19960	0000108-31-6	maleic anhydride	no	yes	no		(3)			yes
235	14710	0000108-39-4	<i>m</i> -cresol	no	yes	no					yes
236	23050	0000108-45-2	1,3-phenylenediamine	no	yes	no	ND				yes
237	15910 24072	0000108-46-3	1,3-dihydroxybenzene	no	yes	no	2,4				yes
238	18070	0000108-55-4	glutaric anhydride	no	yes	no					yes
239	19975 25420 93720	0000108-78-1	2,4,6-triamino-1,3,5-triazine	yes	yes	no	30				yes
240	45760	0000108-91-8	cyclohexylamine	yes	no	no					yes

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FCM Substance No (17/11/09)	Ref. No	CAS No	Substance name	use as additive or polymer production aid (yes/no)	use as monomer or other starting substance or macromolecule obtained from microbial fermentation (yes/no)	FRF applicable (yes/no)	SML [mg/kg]	SML(T) [mg/kg] (group restriction No)	Restrictions and specifications	Notes on verification of compliance	eligible for migration modelling
241	22960	0000108-95-2	phenol	no	yes	no					yes
242	85360	0000109-43-3	sebacic acid, dibutyl ester	yes	no	no					yes
243	19060	0000109-53-5	isobutyl vinyl ether	no	yes	no	0,05			(10)	yes
244	71720	0000109-66-0	pentane	yes	no	no					yes
245	22900	0000109-67-1	1-pentene	no	yes	no	5				yes
246	25150	0000109-99-9	tetrahydrofuran	no	yes	no	0,6				yes
247	24820 90960	0000110-15-6	succinic acid	yes	yes	no					yes
248	19540 64800	0000110-16-7	maleic acid	yes	yes	no		(3)			yes
249	17290 55120	0000110-17-8	fumaric acid	yes	yes	no					yes
250	53520	0000110-30-5	N,N'-ethylenbisstearamide	yes	no	no					yes
251	53360	0000110-31-6	N,N'-ethylenbisoleamide	yes	no	no					yes
252	87200	0000110-44-1	sorbic acid	yes	no	no					yes
253	15250	0000110-60-1	1,4-diaminobutane	no	yes	no					yes
254	13720 40580	0000110-63-4	1,4-butanediol	yes	yes	no		(30)			yes
255	25900	0000110-88-3	trioxane	no	yes	no	5				yes
256	18010 55680	0000110-94-1	glutaric acid	yes	yes	no					yes
257	13550 16660 51760	0000110-98-5	dipropylenglycol	yes	yes	no					yes
258	70480	0000111-06-8	palmitic acid, butyl ester	yes	no	no					yes
259	58720	0000111-14-8	heptanoic acid	yes	no	no					yes
260	24280	0000111-20-6	sebacic acid	no	yes	no					yes
261	15790	0000111-40-0	diethylenetriamine	no	yes	no	5				yes
262	35284	0000111-41-1	N-(2-aminoethyl)ethanolamine	yes	no	no	0,05		Not to be used for articles in contact with fatty foods for which simulant D is laid down For indirect food contact only, behind a PET layer		yes
263	13326 15760 47680	0000111-46-6	diethyleneglycol	yes	yes	no		(2)			yes
264	22660	0000111-66-0	1-octene	no	yes	no	15				yes

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FCM Substance No (17/11/09)	Ref. No	CAS No	Substance name	use as additive or polymer production aid (yes/no)	use as monomer or other starting substance or macromolecule obtained from microbial fermentation (yes/no)	FRF applicable (yes/no)	SML [mg/kg]	SML(T) [mg/kg] (group restriction No)	Restrictions and specifications	Notes on verification of compliance	eligible for migration modelling
265	22600	0000111-87-5	1-octanol	no	yes	no					yes
266	25510 94320	0000112-27-6	triethyleneglycol	yes	yes	no					yes
267	15100	0000112-30-1	1-decanol	no	yes	no					yes
268	16704	0000112-41-4	1-dodecene	no	yes	no	0,05				yes
269	25090 92350	0000112-60-7	tetraethyleneglycol	yes	yes	no					yes
270	22763 69040	0000112-80-1	oleic acid	yes	yes	no					yes
271	52720	0000112-84-5	erucamide	yes	no	no					yes
272	37040	0000112-85-6	behenic acid	yes	no	no					yes
273	52730	0000112-86-7	erucic acid	yes	no	no					yes
274	22570	0000112-96-9	octadecyl isocyanate	no	yes	no		(17)	1 mg/kg in FP expressed as NCO		yes
275	23980	0000115-07-1	propylene	no	yes	no					yes
276	19000	0000115-11-7	isobutene	no	yes	no					yes
277	18280	0000115-27-5	hexachloroendomethylenetetrahydrophthalic anhydride	no	yes	no	ND				yes
278	18250	0000115-28-6	hexachloroendomethylenetetrahydrophthalic acid	no	yes	no	ND				yes
279	22840 71600	0000115-77-5	pentaerythritol	yes	yes	no					yes
280	73720	0000115-96-8	phosphoric acid, trichloroethyl ester	yes	no	no	ND				yes
281	25120	0000116-14-3	tetrafluoroethylene	no	yes	no	0,05				yes
282	18430	0000116-15-4	hexafluoropropylene	no	yes	no	ND				yes
283	74640	0000117-81-7	phthalic acid, bis(2-ethylhexyl) ester	yes	no	no	1,5		Only to be used as: (a) plasticizer in repeated use materials and articles; (b) plasticizer in single-use materials and articles contacting non-fatty foods except for infant formulae and follow-on formulae as defined by Commission Directive 2006/141/EC and contacting processed cereal-based foods and baby foods for infants and young children as defined by Commission Directive 2006/125/EC; (c) technical support agent in concentrations up to 0,1 % in the FP	(7)	yes
284	84880	0000119-36-8	salicylic acid, methyl ester	yes	no	no	30				yes
285	66480	0000119-47-1	2,2'-methylene bis(4-methyl-6-tert-butylphenol)	yes	no	yes		(13)			yes

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FCM Substance No (17/11/09)	Ref. No	CAS No	Substance name	use as additive or polymer production aid (yes/no)	use as monomer or other starting substance or macromolecule obtained from microbial fermentation (yes/no)	FRF applicable (yes/no)	SML [mg/kg]	SML(T) [mg/kg] (group restriction No)	Restrictions and specifications	Notes on verification of compliance	eligible for migration modelling
286	38240	0000119-61-9	benzophenone	yes	no	yes	0,6				yes
287	60160	0000120-47-8	4-hydroxybenzoic acid, ethyl ester	yes	no	no					yes
288	24970	0000120-61-6	terephthalic acid, dimethyl ester	no	yes	no					yes
289	15880 24051	0000120-80-9	1,2-dihydroxybenzene	no	yes	no	6				yes yes
290	55360	0000121-79-9	gallic acid, propyl ester	yes	no	no		(20)			yes
291	19150	0000121-91-5	isophthalic acid	no	yes	no		(27)			yes
292	94560	0000122-20-3	trisopropanolamine	yes	no	no	5				yes
293	23175	0000122-52-1	phosphorous acid, triethyl ester	no	yes	no	ND		1 mg/kg in FP	(1)	yes
294	93120	0000123-28-4	thiodipropionic acid, didodecyl ester	yes	no	yes		(14)			yes
295	15940 18867 48620	0000123-31-9	1,4-dihydroxybenzene	yes	yes	no	0,6				yes
296	23860	0000123-38-6	propionaldehyde	no	yes	no					yes
297	23950	0000123-62-6	propionic anhydride	no	yes	no					yes
298	14110	0000123-72-8	butyraldehyde	no	yes	no					yes
299	63840	0000123-76-2	levulinic acid	yes	no	no					yes
300	30045	0000123-86-4	acetic acid, butyl ester	yes	no	no					yes
301	89120	0000123-95-5	stearic acid, butyl ester	yes	no	no					yes
302	12820	0000123-99-9	azelaic acid	no	yes	no					yes
303	12130 31730	0000124-04-9	adipic acid	yes	yes	no					yes
304	14320 41960	0000124-07-2	caprylic acid	yes	yes	no					yes
305	15274 18460	0000124-09-4	hexamethylenediamine	no	yes	no	2,4				yes
306	88960	0000124-26-5	stearamide	yes	no	no					yes
307	42160	0000124-38-9	carbon dioxide	yes	no	no					no
308	91200	0000126-13-6	sucrose acetate isobutyrate	yes	no	no					yes
309	91360	0000126-14-7	sucrose octaacetate	yes	no	no					yes
310	16390 22437	0000126-30-7	2,2-dimethyl-1,3-propanediol	no	yes	no	0,05				yes
311	16480 51200	0000126-58-9	dipentaerythritol	yes	yes	no					yes

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FCM Substance No (17/11/09)	Ref. No	CAS No	Substance name	use as additive or polymer production aid (yes/no)	use as monomer or other starting substance or macromolecule obtained from microbial fermentation (yes/no)	FRF applicable (yes/no)	SML [mg/kg]	SML(T) [mg/kg] (group restriction No)	Restrictions and specifications	Notes on verification of compliance	eligible for migration modelling
312	21490	0000126-98-7	methacrylonitrile	no	yes	no	ND				yes
313	16650 51570	0000127-63-9	diphenyl sulphone	yes	yes	no	3				yes
314	23500	0000127-91-3	β-pinene	no	yes	no					yes
315	46640	0000128-37-0	2,6-di-tert-butyl-p-cresol	yes	no	no	3				yes
316	23230	0000131-17-9	phthalic acid, diallyl ester	no	yes	no	ND				yes
317	48880	0000131-53-3	2,2'-dihydroxy-4-methoxybenzophenone	yes	no	yes		(8)			yes
318	48640	0000131-56-6	2,4-dihydroxybenzophenone	yes	no	no		(8)			yes
319	61360	0000131-57-7	2-hydroxy-4-methoxybenzophenone	yes	no	yes		(8)			yes
320	37680	0000136-60-7	benzoic acid, butyl ester	yes	no	no					yes
321	36080	0000137-66-6	ascorbyl palmitate	yes	no	no					yes
322	63040	0000138-22-7	lactic acid, butyl ester	yes	no	no					yes
323	11470	0000140-88-5	acrylic acid, ethyl ester	no	yes	no		(22)			yes
324	83700	0000141-22-0	ricinoleic acid	yes	no	yes	42				yes
325	10780	0000141-32-2	acrylic acid, n-butyl ester	no	yes	no		(22)			yes
326	12763 35170	0000141-43-5	2-aminoethanol	yes	yes	no	0,05		Not to be used for articles in contact with fatty foods for which simulant D is laid down For indirect food contact only, behind a PET layer		yes
327	30140	0000141-78-6	acetic acid, ethyl ester	yes	no	no					yes
328	65040	0000141-82-2	malonic acid	yes	no	no					yes
329	59360	0000142-62-1	hexanoic acid	yes	no	no					yes
330	19470 63280	0000143-07-7	lauric acid	yes	yes	no					yes
331	22480	0000143-08-8	1-nonanol	no	yes	no					yes
332	69760	0000143-28-2	oleyl alcohol	yes	no	no					yes
333	22775 69920	0000144-62-7	oxalic acid	yes	yes	no	6				yes
334	17005	0000151-56-4	ethylenimine	no	yes	no	ND				yes
335	68960	0000301-02-0	oleamide	yes	no	no					yes
336	15095 45940	0000334-48-5	n-decanoic acid	yes	yes	no					yes

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FCM Substance No (17/11/09)	Ref. No	CAS No	Substance name	use as additive or polymer production aid (yes/no)	use as monomer or other starting substance or macromolecule obtained from microbial fermentation (yes/no)	FRF applicable (yes/no)	SML [mg/kg]	SML(T) [mg/kg] (group restriction No)	Restrictions and specifications	Notes on verification of compliance	eligible for migration modelling
337	15820	0000345-92-6	4,4'-difluorobenzophenone	no	yes	no	0,05				yes
338	71020	0000373-49-9	palmitoleic acid	yes	no	no					yes
339	86160	0000409-21-2	silicon carbide	yes	no	no					no
340	47440	0000461-58-5	dicyanodiamide	yes	no	no					yes
341	13180 22550	0000498-66-8	bicyclo[2.2.1]hept-2-ene	no	yes	no	0,05				yes
342	14260	0000502-44-3	caprolactone	no	yes	no		(29)			yes
343	23770	0000504-63-2	1,3-propanediol	no	yes	no	0,05				yes
344	13810 21821	0000505-65-7	1,4-butanediol formal	no	yes	no	ND			(10)	yes
345	35840	0000506-30-9	arachidic acid	yes	no	no					yes
346	10030	0000514-10-3	abietic acid	no	yes	no					yes
347	13050 25540	0000528-44-9	trimellitic acid	no	yes	no		(21)			yes
348	22350 67891	0000544-63-8	myristic acid	yes	yes	no					yes
349	25550	0000552-30-7	trimellitic anhydride	no	yes	no		(21)			yes
350	63920	0000557-59-5	lignoceric acid	yes	no	no					yes
351	21730	0000563-45-1	3-methyl-1-butene	no	yes	no	ND		Only to be used in polypropylene	(1)	yes
352	16360	0000576-26-1	2,6-dimethylphenol	no	yes	no	0,05				yes
353	42480	0000584-09-8	carbonic acid, rubidium salt	yes	no	no	12				no
354	25210	0000584-84-9	2,4-toluene diisocyanate	no	yes	no		(17)	1 mg/kg in FP expressed as NCO		yes
355	20170	0000585-07-9	methacrylic acid, tert-butyl ester	no	yes	no		(23)			yes
356	18820	0000592-41-6	1-hexene	no	yes	no	3				yes
357	13932	0000598-32-3	3-buten-2-ol	no	yes	no	ND		Only to be used as a comonomer for the preparation of polymeric additive	(1)	yes
358	14841	0000599-64-4	4-cumylphenol	no	yes	no	0,05				yes
359	15970 48720	0000611-99-4	4,4'-dihydroxybenzophenone	yes	yes	no		(8)			yes
360	57920	0000620-67-7	glycerol triheptanoate	yes	no	no					yes
361	18700	0000629-11-8	1,6-hexanediol	no	yes	no	0,05				yes

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362	14350	0000630-08-0	carbon monoxide	no	yes	no					no
363	16450	0000646-06-0	1,3-dioxolane	no	yes	no	5				yes
364	15404	0000652-67-5	1,4:3,6-dianhydrosorbitol	no	yes	no	5		Only to be used as a co-monomer in poly(ethylene-co-isorbide terephthalate)		yes
365	11680	0000689-12-3	acrylic acid, isopropyl ester	no	yes	no		(22)			yes
366	22150	0000691-37-2	4-methyl-1-pentene	no	yes	no	0,05				yes
367	16697	0000693-23-2	n-dodecanedioic acid	no	yes	no					yes
368	93280	0000693-36-7	thiodipropionic acid, dioctadecyl ester	yes	no	yes		(14)			yes
369	12761	0000693-57-2	12-aminododecanoic acid	no	yes	no	0,05				yes
370	21460	0000760-93-0	methacrylic anhydride	no	yes	no		(23)			yes
371	11510 11830	0000818-61-1	acrylic acid, monoester with ethyleneglycol	no	yes	no		(22)			yes
372	18640	0000822-06-0	hexamethylene diisocyanate	no	yes	no		(17)	1 mg/kg in FP expressed as NCO	(10)	yes
373	22390	0000840-65-3	2,6-naphthalenedicarboxylic acid, dimethyl ester	no	yes	no	0,05				yes
374	21190	0000868-77-9	methacrylic acid, monoester with ethyleneglycol	no	yes	no		(23)			yes
375	15130	0000872-05-9	1-decene	no	yes	no	0,05				yes
376	66905	0000872-50-4	N-methylpyrrolidone	yes	no	no					yes
377	12786	0000919-30-2	3-aminopropyltriethoxysilane	no	yes	no	0,05		Residual extractable content of 3-aminopropyltriethoxysilane to be less than 3 mg/kg filler when used for the reactive surface treatment of inorganic fillers SML = 0,05 mg/kg when used for the surface treatment of materials and articles		yes
378	21970	0000923-02-4	N-methylolmethacrylamide	no	yes	no	0,05				yes
379	21940	0000924-42-5	N-methylolacrylamide	no	yes	no	ND				yes
380	11980	0000925-60-0	acrylic acid, propyl ester	no	yes	no		(22)			yes
381	15030	0000931-88-4	cyclooctene	no	yes	no	0,05		Only to be used in polymers contacting foods for which simulant A is laid down		yes
382	19490	0000947-04-6	lauro lactam	no	yes	no	5				yes

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FCM Substance No (17/11/09)	Ref. No	CAS No	Substance name	use as additive or polymer production aid (yes/no)	use as monomer or other starting substance or macromolecule obtained from microbial fermentation (yes/no)	FRF applicable (yes/no)	SML [mg/kg]	SML(T) [mg/kg] (group restriction No)	Restrictions and specifications	Notes on verification of compliance	eligible for migration modelling
383	72160	0000948-65-2	2-phenylindole	yes	no	yes	15				yes
384	40000	0000991-84-4	2,4-bis(octylmercapto)-6-(4-hydroxy-3,5-di-tert-butylanilino)-1,3,5-triazine	yes	no	yes	30				yes
385	11530	0000999-61-1	acrylic acid, 2-hydroxypropyl ester	no	yes	no	0,05		SML expressed as the sum of acrylic acid, 2-hydroxypropyl ester and acrylic acid, 2-hydroxyisopropyl ester It may contain up to 25 % (m/m) of acrylic acid, 2-hydroxyisopropyl ester (CAS No 0002918-23-2)	(1)	yes
386	55280	0001034-01-1	gallic acid, octyl ester	yes	no	no		(20)			yes
387	26155	0001072-63-5	1-vinylimidazole	no	yes	no	0,05			(1)	yes
388	25080	0001120-36-1	1-tetradecene	no	yes	no	0,05				yes
389	22360	0001141-38-4	2,6-naphthalenedicarboxylic acid	no	yes	no	5				yes
390	55200	0001166-52-5	gallic acid, dodecyl ester	yes	no	no		(20)			yes
391	22932	0001187-93-5	perfluoromethyl perfluorovinyl ether	no	yes	no	0,05		Only to be used in anti-stock coatings		yes
392	72800	0001241-94-7	phosphoric acid, diphenyl 2-ethylhexyl ester	yes	no	yes	2,4				yes
393	37280	0001302-78-9	bentonite	yes	no	no					no
394	41280	0001305-62-0	calcium hydroxide	yes	no	no					no
395	41520	0001305-78-8	calcium oxide	yes	no	no					no
396	64640	0001309-42-8	magnesium hydroxide	yes	no	no					no
397	64720	0001309-48-4	magnesium oxide	yes	no	no					no
398	35760	0001309-64-4	antimony trioxide	yes	no	no	0,04		SML expressed as antimony	(6)	yes/as Sb4O6
399	81600	0001310-58-3	potassium hydroxide	yes	no	no					no
400	86720	0001310-73-2	sodium hydroxide	yes	no	no					no
401	24475	0001313-82-2	sodium sulphide	no	yes	no					no
402	96240	0001314-13-2	zinc oxide	yes	no	no					no
403	96320	0001314-98-3	zinc sulphide	yes	no	no					no
404	67200	0001317-33-5	molybdenum disulphide	yes	no	no					no

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FCM Substance No (17/11/09)	Ref. No	CAS No	Substance name	use as additive or polymer production aid (yes/no)	use as monomer or other starting substance or macromolecule obtained from microbial fermentation (yes/no)	FRF applicable (yes/no)	SML [mg/kg]	SML(T) [mg/kg] (group restriction No)	Restrictions and specifications	Notes on verification of compliance	eligible for migration modelling
405	16690	0001321-74-0	divinylbenzene	no	yes	no	ND		SML expressed as the sum of divinylbenzene and ethylvinylbenzene It may contain up to 45 % (m/m) of ethylvinylbenzene	(1)	yes
406	83300	0001323-39-3	1,2-propyleneglycol monostearate	yes	no	no					yes
407	87040	0001330-43-4	sodium tetraborate	yes	no	no		(16)	Without prejudice to the provisions of Directive 98/83/EC on water for human consumption (OJ L 330, 5.12.1998, p.32)		no
408	82960	0001330-80-9	1,2-propyleneglycol monooleate	yes	no	no					yes
409	62240	0001332-37-2	iron oxide	yes	no	no					no
410	62720	0001332-58-7	kaolin	yes	no	no					no
411	42080	0001333-86-4	carbon black	yes	no	no			Primary particles of 10 - 100 nm which are aggregated to a size of 100 - 500 nm which may form agglomerates within the size distribution of 300nm - mm. Toluene extractables: maximum 0,1 %, determined according to ISO method 6209 UV absorption of cyclohexane extract at 386 nm: < 0,02 AU for a 1 cm cell or < 0,1 AU for a 5 cm cell, determined according to a generally recognised method of analysis Benzo(a)pyrene content: max 0,25 mg/kg carbon black Maximum use level of carbon black in the polymer: 2,5 % w/w		no
412	45200	0001335-23-5	copper iodide	yes	no	no		(6)			no
413	35600	0001336-21-6	ammonium hydroxide	yes	no	no					no
414	87600	0001338-39-2	sorbitan monolaurate	yes	no	no					yes
415	87840	0001338-41-6	sorbitan monostearate	yes	no	no					yes
416	87680	0001338-43-8	sorbitan monooleate	yes	no	no					yes
417	85680	0001343-98-2	silicic acid	yes	no	no					no
418	34720	0001344-28-1	aluminium oxide	yes	no	no					no

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419	92150	0001401-55-4	tannic acids	yes	no	no			According to the JECFA specifications		yes
420	19210	0001459-93-4	isophthalic acid, dimethyl ester	no	yes	no	0,05				yes
421	13000	0001477-55-0	1,3-benzenedimethanamine	no	yes	no	0,05				yes
422	38515	0001533-45-5	4,4'-bis(2-benzoxazolyl)stilbene	yes	no	yes	0,05			(2)	yes
423	22937	0001623-05-8	perfluoropropylperfluorovinyl ether	no	yes	no	0,05				yes
424	15070	0001647-16-1	1,9-decadiene	no	yes	no	0,05				yes
425	10840	0001663-39-4	acrylic acid, tert-butyl ester	no	yes	no		(22)			yes
426	13510 13610	0001675-54-3	2,2-bis(4-hydroxyphenyl)propane bis(2,3-epoxypropyl) ether	no	yes	no			In compliance with Commission Regulation (EC) No 1895/2005 on the restriction of use of certain epoxy derivatives in materials and articles intended to come into contact with food (OJ L 302, 19.11.2005, p. 28–32)		yes
427	18896	0001679-51-2	4-(hydroxymethyl)-1-cyclohexene	no	yes	no	0,05				yes
428	95200	0001709-70-2	1,3,5-trimethyl-2,4,6-tris(3,5-di-tert-butyl-4-hydroxybenzyl)benzene	yes	no	no					yes
429	13210	0001761-71-3	bis(4-aminocyclohexyl)methane	no	yes	no	0,05				yes
430	95600	0001843-03-4	1,1,3-tris(2-methyl-4-hydroxy-5-tert-butylphenyl) butane	yes	no	yes	5				yes
431	61600	0001843-05-6	2-hydroxy-4-n-octyloxybenzophenone	yes	no	yes		(8)			yes
432	12280	0002035-75-8	adipic anhydride	no	yes	no					yes
433	68320	0002082-79-3	octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	yes	no	yes	6				yes
434	20410	0002082-81-7	methacrylic acid, diester with 1,4-butanediol	no	yes	no	0,05				yes
435	14230	0002123-24-2	caprolactam, sodium salt	no	yes	no		(4)			yes/as caprolactam
436	19480	0002146-71-6	lauric acid, vinyl ester	no	yes	no					yes
437	11245	0002156-97-0	acrylic acid, dodecyl ester	no	yes	no	0,05			(2)	yes
438	38875	0002162-74-5	bis(2,6-diisopropylphenyl) carbodiimide	yes	no	no	0,05		For indirect food contact only, behind a PET layer		yes
439	21280	0002177-70-0	methacrylic acid, phenyl ester	no	yes	no		(23)			yes
440	21340	0002210-28-8	methacrylic acid, propyl ester	no	yes	no		(23)			yes

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441	38160	0002315-68-6	benzoic acid, propyl ester	yes	no	no					yes
442	13780	0002425-79-8	1,4-butanediol bis(2,3-epoxypropyl)ether	no	yes	no	ND		Residual content 1 mg/kg in FP expressed as epoxygroup Molecular weight is 43 Da	(10)	yes
443	12788	0002432-99-7	11-aminoundecanoic acid	no	yes	no	5				yes
444	61440	0002440-22-4	2-(2'-hydroxy-5'-methylphenyl)benzotriazole	yes	no	no		(12)			yes
445	83440	0002466-09-3	pyrophosphoric acid	yes	no	no					no
446	10750	0002495-35-4	acrylic acid, benzyl ester	no	yes	no		(22)			yes
447	20080	0002495-37-6	methacrylic acid, benzyl ester	no	yes	no		(23)			yes
448	11890	0002499-59-4	acrylic acid, n-octyl ester	no	yes	no		(22)			yes
449	49840	0002500-88-1	dioctadecyl disulphide	yes	no	yes	3				yes
450	24430	0002561-88-8	sebaic anhydride	no	yes	no					yes
451	66755	0002682-20-4	2-methyl-4-isothiazolin-3-one	yes	no	no	0,5		Only to be used in aqueous polymer dispersions and emulsions and at concentrations which do not result in an anti-microbial effect at the surface of the polymer or on the food itself		yes
452	38885	0002725-22-6	2,4-bis(2,4-dimethylphenyl)-6-(2-hydroxy-4-n-octyloxyphenyl)-1,3,5-triazine	yes	no	no	0,05		Only to be used in aqueous foods		yes
453	26320	0002768-02-7	vinyltrimethoxysilane	no	yes	no	0,05			(10)	yes
454	12670	0002855-13-2	1-amino-3-aminomethyl-3,5,5-trimethylcyclohexane	no	yes	no	6				yes
455	20530	0002867-47-2	methacrylic acid, 2-(dimethylamino)-ethyl ester	no	yes	no	ND				yes
456	10810	0002998-08-5	acrylic acid, sec-butyl ester	no	yes	no		(22)			yes
457	20140	0002998-18-7	methacrylic acid, sec-butyl ester	no	yes	no		(23)			yes
458	36960	0003061-75-4	behenamide	yes	no	no					yes
459	46870	0003135-18-0	3,5-di-tert-butyl-4-hydroxybenzylphosphonic acid, dioctadecyl ester	yes	no	no					yes
460	14950	0003173-53-3	cyclohexyl isocyanate	no	yes	no		(17)	1 mg/kg in FP expressed as NCO	(10)	yes
461	22420	0003173-72-6	1,5-naphthalene diisocyanate	no	yes	no		(17)	1 mg/kg in FP expressed as NCO		yes
462	26170	0003195-78-6	N-vinyl-N-methylacetamide	no	yes	no	0,02			(1)	yes
463	25840	0003290-92-4	1,1,1-trimethylolpropane trimethacrylate	no	yes	no	0,05				yes

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464	61280	0003293-97-8	2-hydroxy-4-n-hexyloxybenzophenone	yes	no	yes		(8)			yes
465	68040	0003333-62-8	7-[2H-naphtho-(1,2-D)triazol-2-yl]-3-phenylcoumarin	yes	no	no					yes
466	50640	0003648-18-8	di-n-octyltin dilaurate	yes	no	no		(10)			yes
467	14800 45600	0003724-65-0	crotonic acid	yes	yes	no	0,05			(1)	yes
468	71960	0003825-26-1	perfluorooctanoic acid, ammonium salt	yes	no	no			Only to be used in repeated use articles, sintered at high temperatures		yes/as acid
469	60480	0003864-99-1	2-(2'-hydroxy-3,5'-di-tert-butylphenyl)-5-chlorobenzotriazole	yes	no	yes		(12)			yes
470	60400	0003896-11-5	2-(2'-hydroxy-3'-tert-butyl-5'-methylphenyl)-5-chlorobenzotriazole	yes	no	yes		(12)			yes
471	24888	0003965-55-7	5-sulphoisophthalic acid, monosodium salt, dimethyl ester	no	yes	no	0,05				yes/as acid
472	66560	0004066-02-8	2,2'-methylenebis(4-methyl-6-cyclohexylphenol)	yes	no	yes		(5)			yes
473	12265	0004074-90-2	adipic acid, divinyl ester	no	yes	no	ND		5 mg/kg in FP Only to be used as comonomer	(1)	yes
474	43600	0004080-31-3	1-(3-chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	yes	no	no	0,3				yes
475	19110	0004098-71-9	1-isocyanato-3-isocyanatomethyl-3,5,5-trimethylcyclohexane	no	yes	no		(17)	1 mg/kg in FP expressed as NCO	(10)	yes
476	16570	0004128-73-8	diphenylether-4,4'-diisocyanate	no	yes	no		(17)	1 mg/kg in FP expressed as NCO	(10)	yes
477	46720	0004130-42-1	2,6-di-tert-butyl-4-ethylphenol	yes	no	yes	4,8			(1)	yes
478	60180	0004191-73-5	4-hydroxybenzoic acid, isopropyl ester	yes	no	no					yes
479	12970	0004196-95-6	azelaic anhydride	no	yes	no					yes
480	46790	0004221-80-1	3,5-di-tert-butyl-4-hydroxybenzoic acid, 2,4-di-tert-butylphenyl ester	yes	no	no					yes
481	13060	0004422-95-1	1,3,5-benzenetricarboxylic acid trichloride	no	yes	no	0,05		SML expressed as 1,3,5-benzenetricarboxylic acid	(1)	yes
482	21100	0004655-34-9	methacrylic acid, isopropyl ester	no	yes	no		(23)			yes
483	68860	0004724-48-5	n-octylphosphonic acid	yes	no	no	0,05				yes
484	13395	0004767-03-7	2,2-bis(hydroxymethyl)propionic acid	no	yes	no	0,05			(1)	yes
485	13560 15700	0005124-30-1	dicyclohexylmethane-4,4'-diisocyanate	no	yes	no		(17)	1 mg/kg in FP expressed as NCO	(10)	yes
486	54005	0005136-44-7	ethylene-N-palmitamide-N'-stearamide	yes	no	no					yes

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487	45640	0005232-99-5	2-cyano-3,3-diphenylacrylic acid, ethyl ester	yes	no	no	0,05				yes
488	53440	0005518-18-3	N,N'-ethylenebispalmitamide	yes	no	no					yes
489	41040	0005743-36-2	calcium butyrate	yes	no	no					yes/as acid
490	16600	0005873-54-1	diphenylmethane-2,4'-diisocyanate	no	yes	no		(17)	1 mg/kg in FP expressed as NCO	(10)	yes
491	82720	0006182-11-2	1,2-propylene glycol distearate	yes	no	no					yes
492	45650	0006197-30-4	2-cyano-3,3-diphenylacrylic acid, 2-ethylhexyl ester	yes	no	no	0,05				yes
493	39200	0006200-40-4	bis(2-hydroxyethyl)-2-hydroxypropyl-3-(dodecyloxy)methylammonium chloride	yes	no	no	1,8				yes/as acid
494	62140	0006303-21-5	hypophosphorous acid	yes	no	no					no
495	35160	0006642-31-5	6-amino-1,3-dimethyluracil	yes	no	no	5				yes
496	71680	0006683-19-8	pentaerythritol tetrakis[3-(3,5-di-tert-butyl-4-hydroxyphenyl)-propionate]	yes	no	no					yes
497	95020	0006846-50-0	2,2,4-trimethyl-1,3-pentanediol diisobutyrate	yes	no	no	5		Only to be used in single-use gloves		yes
498	16210	0006864-37-5	3,3'-dimethyl-4,4'-diaminodicyclohexylmethane	no	yes	no	0,05		Only to be used in polyamides	(5)	yes
499	65020	0006915-15-7	malic acid	yes	no	no					yes
500	38560	0007128-64-5	2,5-bis(5-tert-butyl-2-benzoxazolyl)thiophene	yes	no	yes	0,6				yes
501	34480	—	aluminium fibers, flakes and powders	yes	no	no			Food colour grade		no
502	22778	0007456-68-0	4,4'-oxybis(benzenesulphonyl azide)	no	yes	no	0,05			(1)	yes
503	46080	0007585-39-9	β-dextrin	yes	no	no					yes
504	86240	0007631-86-9	silicon dioxide	yes	no	no			Primary particles of 5 - 50 nm which are aggregated to a size of ?? which may form agglomerates within the size distribution of 1 - 250 µm		no
505	86480	0007631-90-5	sodium bisulphite	yes	no	no		(19)			no
506	86920	0007632-00-0	sodium nitrite	yes	no	no	0,6				no
507	59990	0007647-01-0	hydrochloric acid	yes	no	no					no
508	86560	0007647-15-6	sodium bromide	yes	no	no					no
509	23170 72640	0007664-38-2	phosphoric acid	yes	yes	no					no
510	12789	0007664-41-7	ammonia	yes	yes	no					yes

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	35320										
511	91920	0007664-93-9	sulphuric acid	yes	no	no					no
512	81680	0007681-11-0	potassium iodide	yes	no	no		(6)			no
513	86800	0007681-82-5	sodium iodide	yes	no	no		(6)			no
514	91840	0007704-34-9	sulphur	yes	no	no					yes/as S6
515	26360 95855	0007732-18-5	water	yes	yes	no			In compliance with Council Directive 98/83/EC on the quality of water intended for human consumption (OJ L 330, 5.12.1998, p. 32-54)		yes
516	86960	0007757-83-7	sodium sulphite	yes	no	no		(19)			no
517	81520	0007758-02-3	potassium bromide	yes	no	no					no
518	35845	0007771-44-0	arachidonic acid	yes	no	no					yes
519	87120	0007772-98-7	sodium thiosulphate	yes	no	no		(19)			no
520	65120	0007773-01-5	manganese chloride	yes	no	no					no
521	58320	0007782-42-5	graphite	yes	no	no					no
522	14530	0007782-50-5	chlorine	no	yes	no					no
523	45195	0007787-70-4	copper bromide	yes	no	no					no
524	24520	0008001-22-7	soybean oil	no	yes	no					yes
525	62640	0008001-39-6	japan wax	yes	no	no					yes
526	43440	0008001-75-0	ceresin	yes	no	no					yes
527	14411 42880	0008001-79-4	castor oil	yes	yes	no					yes
528	63760	0008002-43-5	lecithin	yes	no	no					yes
529	67850	0008002-53-7	montan wax	yes	no	no					yes/pa
530	41760	0008006-44-8	candelilla wax	yes	no	no					yes/pa
531	36880	0008012-89-3	beeswax	yes	no	no					yes/pa

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532	88640	0008013-07-8	soybean oil, epoxidised	yes	no	no	60 30 (*)		(*) In the case of PVC gaskets used to seal glass jars containing infant formulae and follow-on formulae as defined by Commission Directive 2006/141/EC; or containing processed cereal-based foods and baby foods for infants and young children as defined by Commission Directive 2006/125/EC, the SML is lowered to 30 mg/kg Oxirane < 8 %, iodine number < 6		yes
533	42720	0008015-86-9	carnauba wax	yes	no	no					yes/pa
534	80720	0008017-16-1	polyphosphoric acids	yes	no	no					no
535	24100 24130 24190 83840	0008050-09-7	rosin	yes	yes	no					yes/pa
536	84320	0008050-15-5	rosin, hydrogenated, ester with methanol	yes	no	no					yes/pa
537	84080	0008050-26-8	rosin, ester with pentaerythritol	yes	no	no					yes/pa
538	84000	0008050-31-5	rosin, ester with glycerol	yes	no	no					yes/pa
539	24160	0008052-10-6	rosin tall oil	no	yes	no					yes/pa
540	63940	0008062-15-5	lignosulphonic acid	yes	no	no	0,24		Only to be used as dispersant for plastics dispersions		yes/pa
541	58480	0009000-01-5	gum arabic	yes	no	no					no
542	42640	0009000-11-7	carboxymethylcellulose	yes	no	no					no
543	45920	0009000-16-2	dammar	yes	no	no					no
544	58400	0009000-30-0	guar gum	yes	no	no					no
545	93680	0009000-65-1	tragacanth gum	yes	no	no					no
546	71440	0009000-69-5	pectin	yes	no	no					no
547	55440	0009000-70-8	gelatin	yes	no	no					no
548	42800	0009000-71-9	casein	yes	no	no					no
549	80000	0009002-88-4	polyethylene wax	yes	no	no					yes/pa
550	81060	0009003-07-0	polypropylene wax	yes	no	no					yes/pa
551	79920	0009003-11-6 0106392-12-5	poly(ethylene propylene) glycol	yes	no	no					yes/pa
552	81500	0009003-39-8	polyvinylpyrrolidone	yes	no	no			The substance shall meet the purity criteria as laid down in Directive 2008/84/EC laying down specific purity criteria on food additives other than colours and sweeteners (Codified version)		yes/pa
553	14500 43280	0009004-34-6	cellulose	yes	yes	no					no
554	43300	0009004-36-8	cellulose acetate butyrate	yes	no	no					no

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FCM Substance No (17/11/09)	Ref. No	CAS No	Substance name	use as additive or polymer production aid (yes/no)	use as monomer or other starting substance or macromolecule obtained from microbial fermentation (yes/no)	FRF applicable (yes/no)	SML [mg/kg]	SML(T) [mg/kg] (group restriction No)	Restrictions and specifications	Notes on verification of compliance	eligible for migration modelling
555	53280	0009004-57-3	ethylcellulose	yes	no	no					no
556	54260	0009004-58-4	ethylhydroxyethylcellulose	yes	no	no					no
557	66640	0009004-59-5	methylethylcellulose	yes	no	no					no
558	60560	0009004-62-0	hydroxyethylcellulose	yes	no	no					no
559	61680	0009004-64-2	hydroxypropylcellulose	yes	no	no					no
560	66700	0009004-65-3	methylhydroxypropylcellulose	yes	no	no					no
561	66240	0009004-67-5	methylcellulose	yes	no	no					no
562	22450	0009004-70-0	nitrocellulose	no	yes	no					no
563	78320	0009004-97-1	polyethyleneglycol monoricinoleate	yes	no	yes	42				yes/pa
564	24540 88800	0009005-25-8	starch, edible	yes	yes	no					no
565	61120	0009005-27-0	hydroxyethyl starch	yes	no	no					no
566	33350	0009005-32-7	alginate acid	yes	no	no					no
567	82080	0009005-37-2	1,2-propyleneglycol alginate	yes	no	no					no
568	79040	0009005-64-5	polyethyleneglycol sorbitan monolaurate	yes	no	no					yes/pa
569	79120	0009005-65-6	polyethyleneglycol sorbitan monooleate	yes	no	no					yes/pa
570	79200	0009005-66-7	polyethyleneglycol sorbitan monopalmitate	yes	no	no					yes/pa
571	79280	0009005-67-8	polyethyleneglycol sorbitan monostearate	yes	no	no					yes/pa
572	79360	0009005-70-3	polyethyleneglycol sorbitan trioleate	yes	no	no					yes/pa
573	79440	0009005-71-4	polyethyleneglycol sorbitan tristearate	yes	no	no					yes/pa
574	24250 84560	0009006-04-6	rubber, natural	yes	yes	no					no
575	23547 76721	0009016-00-6 0063148-62-9	polydimethylsiloxane (Mw > 6800)	yes	yes	no			Viscosity at 25 °C not less than 100 cSt (100 x 10 <sup>-6</sup> m <sup>2</sup> /s)		yes/pa

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576	60880	0009032-42-2	hydroxyethylmethylcellulose	yes	no	no					no
577	62280	0009044-17-1	isobutylene-butene copolymer	yes	no	no					yes/pa
578	79600	0009046-01-9	polyethyleneglycol tridecyl ether phosphate	yes	no	no	5		For materials and articles intended for contact with aqueous foods only  Polyethyleneglycol (EO≤ 11) tridecyl ether phosphate (mono-and dialkyl ester) with a maximum 10 % content of polyethyleneglycol (EO≤ 11) tridecylether		yes/pa
579	61800	0009049-76-7	hydroxypropyl starch	yes	no	no					no
580	46070	0010016-20-3	α-dextrin	yes	no	no					yes/pa
581	36800	0010022-31-8	barium nitrate	yes	no	no					no
582	50240	0010039-33-5	di-n-octyltin bis(2-ethylhexyl maleate)	yes	no	no		(10)			yes/pa
583	40400	0010043-11-5	boron nitride	yes	no	no		(16)			no
584	13620 40320	0010043-35-3	boric acid	yes	yes	no		(16)	Restriction without prejudice to the provisions of Directive 98/83/EC on water for human consumption (OJ L 330, 5.12.1998, p. 32-54)		no
585	41120	0010043-52-4	calcium chloride	yes	no	no					no
586	65280	0010043-84-2	manganese hypophosphite	yes	no	no					no
587	68400	0010094-45-8	octadecylceramide	yes	no	yes	5				yes
588	64320	0010377-51-2	lithium iodide	yes	no	no		(6)			no
589	52645	0010436-08-5	cis-11-eicosenamide	yes	no	no					yes
590	21370	0010595-80-9	methacrylic acid, 2-sulphoethyl ester	no	yes	no	ND			(1)	yes
591	36160	0010605-09-1	ascorbyl stearate	yes	no	no					yes
592	34690	0011097-59-9	aluminium magnesium carbonate hydroxide	yes	no	no					no
593	44960	0011104-61-3	cobalt oxide	yes	no	no					no
594	65360	0011129-60-5	manganese oxide	yes	no	no					no
595	19510	0011132-73-3	lignocellulose	no	yes	no					no
596	95935	0011138-66-2	xanthan gum	yes	no	no					no

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597	67120	0012001-26-2	mica	yes	no	no					no
598	41600	0012004-14-7 0037293-22-4	calcium sulphoaluminate	yes	no	no					no
599	36840	0012007-55-5	barium tetraborate	yes	no	no		(16)	Restriction without prejudice to the provisions of Directive 98/83/EC on water for human consumption (OJ L 330, 5.12.1998, p. 32-54)		no
600	60030	0012072-90-1	hydromagnesite	yes	no	no					no
601	35440	0012124-97-9	ammonium bromide	yes	no	no					no
602	70240	0012198-93-5	ozokerite	yes	no	no					no
603	83460	0012269-78-2	pyrophyllite	yes	no	no					no
604	60080	0012304-65-3	hydrotalcite	yes	no	no					no
605	11005	0012542-30-2	acrylic acid, dicyclopentenyl ester	no	yes	no	0,05			(1)	yes
606	65200	0012626-88-9	manganese hydroxide	yes	no	no					no
607	62245	0012751-22-3	iron phosphide	yes	no	no			Only to be used in PET polymers and copolymers		no
608	40800	0013003-12-8	4,4'-butylidene-bis(6-tert-butyl-3-methylphenyl-ditridecyl phosphite)	yes	no	yes	6				yes
609	83455	0013445-56-2	pyrophosphorous acid	yes	no	no					no
610	93440	0013463-67-7	titanium dioxide	yes	no	no					no
611	35120	0013560-49-1	3-aminocrotonic acid, diester with thiobis (2-hydroxyethyl) ether	yes	no	no					yes
612	16694	0013811-50-2	N,N'-divinyl-2-imidazolidinone	no	yes	no	0,05			(10)	yes
613	95905	0013983-17-0	wollastonite	yes	no	no					no
614	45560	0014464-46-1	crystalbite	yes	no	no					no
615	92080	0014807-96-6	talc	yes	no	no					no
616	83470	0014808-60-7	quartz	yes	no	no					no
617	10660	0015214-89-8	2-acrylamido-2-methylpropanesulphonic acid	no	yes	no	0,05				yes
618	51040	0015535-79-2	di-n-octyltin mercaptoacetate	yes	no	no		(10)			yes
619	50320	0015571-58-1	di-n-octyltin bis(2-ethylhexyl mercaptoacetate)	yes	no	no		(10)			yes
620	50720	0015571-60-5	di-n-octyltin dimaleate	yes	no	no		(10)			yes
621	17110	0016219-75-3	5-ethylidenebicyclo[2,2,1]hept-2-ene	no	yes	no	0,05			(9)	yes

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622	69840	0016260-09-6	oleylpalmitamide	yes	no	yes	5				yes
623	52640	0016389-88-1	dolomite	yes	no	no					no
624	18897	0016712-64-4	6-hydroxy-2-naphthalenecarboxylic acid	no	yes	no	0,05				yes
625	36720	0017194-00-2	barium hydroxide	yes	no	no					no
626	57800	0018641-57-1	glycerol tribehenate	yes	no	no					yes
627	59760	0019569-21-2	huntite	yes	no	no					no
628	96190	0020427-58-1	zinc hydroxide	yes	no	no					no
629	34560	0021645-51-2	aluminium hydroxide	yes	no	no					no
630	82240	0022788-19-8	1,2-propyleneglycol dilaurate	yes	no	no					yes
631	59120	0023128-74-7	1,6-hexamethylene-bis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionamide)	yes	no	yes	45				yes
632	52880	0023676-09-7	4-ethoxybenzoic acid, ethyl ester	yes	no	no	3,6				yes
633	53200	0023949-66-8	2-ethoxy-2'-ethyloxanilide	yes	no	yes	30				yes
634	25910	0024800-44-0	tripropyleneglycol	no	yes	no					yes
635	40720	0025013-16-5	tert-butyl-4-hydroxyanisole	yes	no	no	30				yes
636	31500	0025134-51-4	acrylic acid, acrylic acid, 2-ethylhexyl ester, copolymer	yes	no	no	0,05	(22)	SML expressed as acrylic acid, 2-ethylhexyl ester		yes/pa
637	71635	0025151-96-6	pentaerythritol dioleate	yes	no	no	0,05		Not to be used for articles in contact with fatty foods for which simulant D is laid down		yes
638	23590 76960	0025322-68-3	polyethyleneglycol	yes	yes	no					yes/pa
639	23651 80800	0025322-69-4	polypropyleneglycol	yes	yes	no					yes/pa
640	54930	0025359-91-5	formaldehyde-1-naphthol, copolymer	yes	no	no	0,05				yes/pa
641	22331	0025513-64-8	mixture of (35-45 % w/w) 1,6-diamino-2,2,4-trimethylhexane and (55-65 % w/w) 1,6-diamino-2,4,4-trimethylhexane	no	yes	no	0,05			(10)	yes
642	64990	0025736-61-2	maleic anhydride-styrene, copolymer, sodium salt	yes	no	no			The fraction with molecular weight below 1 000 Da should not exceed 0,05 % (w/w)		yes/pa/as acid
643	87760	0026266-57-9	sorbitan monopalmitate	yes	no	no					yes
644	88080	0026266-58-0	sorbitan trioleate	yes	no	no					yes

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645	67760	0026401-86-5	mono-n-octyltin tris(isooctyl mercaptoacetate)	yes	no	no		(11)			yes
646	50480	0026401-97-8	di-n-octyltin bis(isooctyl mercaptoacetate)	yes	no	no		(10)			yes
647	56720	0026402-23-3	glycerol monohecanoate	yes	no	no					yes
648	56880	0026402-26-6	glycerol monooctanoate	yes	no	no					yes
649	47210	0026427-07-6	dibutylthiostannoic acid polymer	yes	no	no			Molecular unit = (C <sub>8</sub> H <sub>18</sub> S <sub>3</sub> Sn <sub>2</sub> ) <sub>n</sub> (n = 1,5-2)		yes/pa
650	49600	0026636-01-1	dimethyltin bis(isooctyl mercaptoacetate)	yes	no	no		(9)			yes
651	88240	0026658-19-5	sorbitan tristearate	yes	no	no					yes
652	38820	0026741-53-7	bis(2,4-di-tert-butylphenyl) pentaerythritol diphosphite	yes	no	yes	0,6				yes
653	25270	0026747-90-0	2,4-toluene diisocyanate dimer	no	yes	no		(17)	1 mg/kg in FP expressed as NCO		yes
654	88600	0026836-47-5	sorbitol monostearate	yes	no	no					yes
655	25450	0026896-48-0	tricyclodecanedimethanol	no	yes	no	0,05				yes
656	24760	0026914-43-2	styrenesulphonic acid	no	yes	no	0,05				yes
657	67680	0027107-89-7	mono-n-octyltin tris(2-ethylhexyl mercaptoacetate)	yes	no	no		(11)			yes
658	52000	0027176-87-0	dodecylbenzenesulphonic acid	yes	no	no	30				yes
659	82800	0027194-74-7	1,2-propyleneglycol monolaurate	yes	no	no					yes
660	47540	0027458-90-8	di-tert-dodecyl disulphide	yes	no	yes	0,05				yes
661	95360	0027676-62-6	1,3,5-tris(3,5-di-tert-butyl-4-hydroxybenzyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)trione	yes	no	yes	5				yes
662	25927	0027955-94-8	1,1,1-tris(4-hydroxyphenyl)ethane	no	yes	no	0,005		Only to be used in polycarbonates	(1)	yes
663	64150	0028290-79-1	linolenic acid	yes	no	no					yes
664	95000	0028931-67-1	trimethylolpropane trimethacrylate-methyl methacrylate copolymer	yes	no	no					yes/pa
665	83120	0029013-28-3	1,2-propyleneglycol monopalmitate	yes	no	no					yes
666	87280	0029116-98-1	sorbitan dioleate	yes	no	no					yes
667	55190	0029204-02-2	gadoleic acid	yes	no	no					yes
668	80240	0029894-35-7	polyglycerol ricinoleate	yes	no	no					yes/pa
669	56610	0030233-64-8	glycerol monobenhenate	yes	no	no					yes

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670	56800	0030899-62-8	glycerol monolaurate diacetate	yes	no	no					yes
671	74240	0031570-04-4	phosphorous acid, tris(2,4-di-tert-butylphenyl)ester	yes	no	no					yes
672	76845	0031831-53-5	polyester of 1,4-butanediol with caprolactone	yes	no	no		(29) (30)	The fraction with molecular weight below 1 000 Da should not exceed 0,5 % (w/w)		yes/pa
673	53670	0032509-66-3	ethylene glycol bis[3,3-bis(3-tert-butyl-4-hydroxyphenyl)butyrate]	yes	no	yes	6				yes
674	46480	0032647-67-9	dibenzylidene sorbitol	yes	no	no					yes
675	38800	0032687-78-8	N,N'-bis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionyl)hydrazide	yes	no	yes	15				yes
676	50400	0033568-99-9	di-n-octyltin bis(isooctyl maleate)	yes	no	no		(10)			yes
677	82560	0033587-20-1	1,2-propyleneglycol dipalmitate	yes	no	no					yes
678	59200	0035074-77-2	1,6-hexamethylene-bis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate)	yes	no	yes	6				yes
679	39060	0035958-30-6	1,1-bis(2-hydroxy-3,5-di-tert-butylphenyl)ethane	yes	no	yes	5				yes
680	94400	0036443-68-2	triethyleneglycol bis[3-(3-tert-butyl-4-hydroxy-5-methylphenyl) propionate]	yes	no	no	9				yes
681	18310	0036653-82-4	1-hexadecanol	no	yes	no					yes
682	53270	0037205-99-5	ethylcarboxymethylcellulose	yes	no	no					no
683	66200	0037206-01-2	methylcarboxymethylcellulose	yes	no	no					no
684	68125	0037244-96-5	nepheline syenite	yes	no	no					no
685	85950	0037296-97-2	silicic acid, magnesium-sodium-fluoride salt	yes	no	no	0,15		SML expressed as fluoride Only to be used in layers of multilayers materials not coming into direct contact with food		no
686	61390	0037353-59-6	hydroxymethylcellulose	yes	no	no					no
687	13530 13614	0038103-06-9	2,2-bis(4-hydroxyphenyl)propane bis(phthalic anhydride)	no	yes	no	0,05				yes
688	92560	0038613-77-3	tetrakis(2,4-di-tert-butyl-phenyl)-4,4'-biphenylene diphosphonite	yes	no	yes	18				yes
689	95280	0040601-76-1	1,3,5-tris(4-tert-butyl-3-hydroxy-2,6-dimethylbenzyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione	yes	no	yes	6				yes
690	92880	0041484-35-9	thiodiethanol bis(3-(3,5-di-tert-butyl-4-hydroxy phenyl) propionate)	yes	no	yes	2,4				yes
691	13600	0047465-97-4	3,3-bis(3-methyl-4-hydroxyphenyl)2-indolinone	no	yes	no	1,8				yes
692	52320	0052047-59-3	2-(4-dodecylphenyl)indole	yes	no	yes	0,06				yes

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693	88160	0054140-20-4	sorbitan tripalmitate	yes	no	no					yes
694	21400	0054276-35-6	methacrylic acid, sulphopropyl ester	no	yes	no	0,05			(1)	yes
695	67520	0054849-38-6	monomethyltin tris(isooctyl mercaptoacetate)	yes	no	no		(9)			yes
696	92205	0057569-40-1	terephthalic acid, diester with 2,2'-methylenebis(4-methyl-6-tert-butylphenol)	yes	no	no					yes
697	67515	0057583-34-3	monomethyltin tris(ethylhexyl mercaptoacetate)	yes	no	no		(9)			yes
698	49595	0057583-35-4	dimethyltin bis(ethylhexyl mercaptoacetate)	yes	no	no		(9)			yes
699	90720	0058446-52-9	stearoylbenzoylmethane	yes	no	no					yes
700	31520	0061167-58-6	acrylic acid, 2-tert-butyl-6-(3-tert-butyl-2-hydroxy-5-methylbenzyl)-4-methylphenyl ester	yes	no	yes	6				yes
701	40160	0061269-61-2	N,N'-bis(2,2,6,6-tetramethyl-4-piperidyl)hexamethylenediamine-1,2-dibromoethane, copolymer	yes	no	no	2,4				yes
702	87920	0061752-68-9	sorbitan tetrastearate	yes	no	no					yes
703	17170	0061788-47-4	fatty acids, coco	no	yes	no					yes
704	77600	0061788-85-0	polyethyleneglycol ester of hydrogenated castor oil	yes	no	no					yes/pa
705	10599/90A 10599/91	0061788-89-4	acids, fatty, unsaturated (C18), dimers, non hydrogenated, distilled and non-distilled	no	yes	no		(18)		(1)	yes
706	17230	0061790-12-3	fatty acids, tall oil	no	yes	no					yes
707	46375	0061790-53-2	diatomaceous earth	yes	no	no					no
708	77520	0061791-12-6	polyethyleneglycol ester of castor oil	yes	no	no	42				yes/pa
709	87520	0062568-11-0	sorbitan monobehenate	yes	no	no					yes
710	38700	0063397-60-4	bis(2-carbobutoxyethyl)tin-bis(isooctyl mercaptoacetate)	yes	no	yes	18				yes
711	42000	0063438-80-2	(2-carbobutoxyethyl)tin-tris(isooctyl mercaptoacetate)	yes	no	yes	30				yes
712	42960	0064147-40-6	castor oil, dehydrated	yes	no	no					yes

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FCM Substance No (17/11/09)	Ref. No	CAS No	Substance name	use as additive or polymer production aid (yes/no)	use as monomer or other starting substance or macromolecule obtained from microbial fermentation (yes/no)	FRF applicable (yes/no)	SML [mg/kg]	SML(T) [mg/kg] (group restriction No)	Restrictions and specifications	Notes on verification of compliance	eligible for migration modelling
713	43480	0064365-11-3	charcoal, activated	yes	no	no			Only for use in PET at maximum 10 mg/kg of polymer Same purity requirements as for Vegetable Carbon (E 153) set out by Commission Directive 95/45/EC ((OJ L 226, 22.9.1995, p. 1) with exception of ash content which can be up to 10 % (w/w)		no
714	84400	0064365-17-9	rosin, hydrogenated, ester with pentaerythritol	yes	no	no					no
715	46880	0065140-91-2	3,5-di-tert-butyl-4-hydroxybenzylphosphonic acid, monoethyl ester, calcium salt	yes	no	no	6				yes
716	60800	0065447-77-0	1-(2-hydroxyethyl)-4-hydroxy-2,2,6,6-tetramethyl piperidine-succinic acid, dimethyl ester, copolymer	yes	no	no	30				yes
717	84210	0065997-06-0	rosin, hydrogenated	yes	no	no					no
718	84240	0065997-13-9	rosin, hydrogenated, ester with glycerol	yes	no	no					no
719	65920	0066822-60-4	N-methacryloyloxyethyl-N,N-dimethyl-N-carboxymethylammonium chloride, sodium salt -octadecyl methacrylate-ethyl methacrylate-cyclohexyl methacrylate-N-vinyl-2-pyrrolidone, copolymers	yes	no	no					yes/pa/as acid
720	67360	0067649-65-4	mono-n-dodecyltin tris(isooctyl mercaptoacetate)	yes	no	no		(25)			yes
721	46800	0067845-93-6	3,5-di-tert-butyl-4-hydroxybenzoic acid, hexadecyl ester	yes	no	no					yes
722	17200	0068308-53-2	fatty acids, soya	no	yes	no					yes
723	88880	0068412-29-3	starch, hydrolysed	yes	no	no					no
724	24903	0068425-17-2	syrops, hydrolysed starch, hydrogenated	no	yes	no			In compliance with the purity criteria for maltitol syrup E 965(ii) as laid down in Commission Directive 2008/60/EC of 17 June 2008 laying down specific purity criteria concerning sweeteners for use in foodstuffs (Codified version) (OJ L 158, 18.6.2008, p.17-40)		no
725	77895	0068439-49-6	polyethyleneglycol (EO = 2-6) monoalkyl (C16-C18) ether	yes	no	no	0,05		The composition of this mixture is as follows: — polyethyleneglycol (EO = 2-6)monoalkyl (G <sub>6</sub> -C <sub>18</sub> ) ether (approximately 28 %) — fatty alcohols (C <sub>16</sub> -C <sub>18</sub> ) (approximately 48 %) — ethyleneglycol monoalkyl (G <sub>6</sub> -C <sub>18</sub> ) ether (approximately 24 %)		yes/pa
726	83599	0068442-12-6	reaction products of oleic acid, 2-mercaptoethyl ester, with dichlorodimethyltin, sodium sulphide and trichloromethyltin	yes	no	yes		(9)			no

Annex B : List of authorised monomers, other starting substances, macromolecules obtained from microbial fermentation, additives and polymer production aids  
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FCM Substance No (17/11/09)	Ref. No	CAS No	Substance name	use as additive or polymer production aid (yes/no)	use as monomer or other starting substance or macromolecule obtained from microbial fermentation (yes/no)	FRF applicable (yes/no)	SML [mg/kg]	SML(T) [mg/kg] (group restriction No)	Restrictions and specifications	Notes on verification of compliance	eligible for migration modelling
727	43360	0068442-85-3	cellulose, regenerated	yes	no	no					no
728	75100	0068515-48-0 0028553-12-0	phthalic acid, diesters with primary, saturated C8-C10 branched alcohols, more than 60 % C9	yes	no	no		(26)	Only to be used as: (a) plasticizer in repeated use materials and articles; (b) plasticizer in single-use materials and articles contacting non-fatty foods except for infant formulae and follow-on formulae as defined by Commission Directive 2006/141/EC and contacting processed cereal-based foods and baby foods for infants and young children as defined by Commission Directive 2006/125/EC; (c) technical support agent in concentrations up to 0,1 % in the FP	(7)	yes
729	75105	0068515-49-1 0026761-40-0	phthalic acid, diesters with primary, saturated C9-C11 alcohols more than 90 % C10	yes	no	no		(26)	Only to be used as: (a) plasticizer in repeated use materials and articles; (b) plasticizer in single-use materials and articles contacting non-fatty foods except for infant formulae and follow-on formulae as defined by Commission Directive 2006/141/EC and contacting processed cereal-based foods and baby foods for infants and young children as defined by Commission Directive 2006/125/EC; (c) technical support agent in concentrations up to 0,1 % in the FP	(7)	yes
730	66930	0068554-70-1	methylsilsesquioxane	yes	no	no			Residual monomer in methylsilsesquioxane: < 1 mg methyltrimethoxysilane/kg of methylsilsesquioxane		yes
731	18220	0068564-88-5	N-heptylaminoundecanoic acid	no	yes	no	0,05			(2)	yes
732	45450	0068610-51-5	p-cresol-dicyclopentadiene-isobutylene, copolymer	yes	no	yes	5				yes/pa
733	10599/92A 10599/93	0068783-41-5	acids, fatty, unsaturated (C18), dimers, hydrogenated, distilled and non-distilled	no	yes	no		(18)		(1)	yes
734	46380	0068855-54-9	diatomaceous earth, soda ash flux-calcined	yes	no	no					no
735	40120	0068951-50-8	bis(polyethyleneglycol)hydroxymethylphosphonate	yes	no	no	0,6				yes/pa

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736	50960	0069226-44-4	di-n-octyltin ethyleneglycol bis(mercaptoacetate)	yes	no	no		(10)			yes
737	77370	0070142-34-6	polyethyleneglycol-30 dipolyhydroxystearate	yes	no	no					yes/pa
738	60320	0070321-86-7	2-[2-hydroxy-3,5-bis(1,1-dimethylbenzyl)phenyl]benzotriazole	yes	no	yes	1,5				yes
739	70000	0070331-94-1	2,2'-oxamidobis[ethyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)-propionate]	yes	no	no					yes
740	81200	0071878-19-8	poly[6-((1,1,3,3-tetramethylbutyl)amino)-1,3,5-triazine-2,4-diy]-[(2,2,6,6-tetramethyl-4-piperidyl)-imino]hexamethylene[(2,2,6,6-tetramethyl-4-piperidyl) imino]	yes	no	yes	3				yes
741	24070 83610	0073138-82-6	resin acids and rosin acids	yes	yes	no					no
742	92700	0078301-43-6	2,2,4,4-tetramethyl-20-(2,3-epoxypropyl)-7-oxa-3,20-diazadispiro-[5.1.11.2]-heneicosan-21-one, polymer	yes	no	yes	5				yes/pa
743	38950	0079072-96-1	bis(4-ethylbenzylidene)sorbitol	yes	no	no					yes
744	18888	0080181-31-3	3-hydroxybutanoic acid-3-hydroxypentanoic acid, copolymer	no	yes	no			The substance is used as product obtained by bacterial fermentation. In compliance with the specifications mentioned in the table 4 of Annex I		yes/pa
745	68145	0080410-33-9	2,2',2''-nitrido(triethyl tris(3,3',5,5'-tetra-tert-butyl-1,1'-bi-phenyl-2,2'-diyl)phosphite)	yes	no	yes	5		SML expressed as sum of phosphite and phosphate		yes
746	38810	0080693-00-1	bis(2,6-di-tert-butyl-4-methylphenyl)pentaerythritol diphosphite	yes	no	yes	5		SML expressed as sum of phosphite and phosphate		yes
747	47600	0084030-61-5	di-n-dodecyltin bis(isooctyl mercaptoacetate)	yes	no	yes		(25)			yes
748	12765	0084434-12-8	N-(2-aminoethyl)-β-alanine, sodium salt	no	yes	no	0,05				yes
749	66360	0085209-91-2	2,2'-methylene bis(4,6-di-tert-butylphenyl) sodium phosphate	yes	no	yes	5				yes/as acid
750	66350	0085209-93-4	2,2'-methylenebis(4,6-di-tert-butylphenyl) lithium phosphate	yes	no	no	5				yes/as acid
751	81515	0087189-25-1	poly(zinc glycerolate)	yes	no	no					no

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FCM Substance No (17/11/09)	Ref. No	CAS No	Substance name	use as additive or polymer production aid (yes/no)	use as monomer or other starting substance or macromolecule obtained from microbial fermentation (yes/no)	FRF applicable (yes/no)	SML [mg/kg]	SML(T) [mg/kg] (group restriction No)	Restrictions and specifications	Notes on verification of compliance	eligible for migration modelling
752	39890	0087826-41-3 0069158-41-4 0054686-97-4 0081541-12-0	bis(methylbenzylidene)sorbitol	yes	no	no					yes
753	62800	—	kaolin, calcined	yes	no	no					no
754	56020	0099880-64-5	glycerol dibehenate	yes	no	no					yes
755	21765	0106246-33-7	4,4'-methylenebis(3-chloro-2,6-diethylaniline)	no	yes	no	0,05			(1)	yes
756	40020	0110553-27-0	2,4-bis(octylthiomethyl)-6-methylphenol	yes	no	yes		(24)			yes
757	95725	0110638-71-6	vermiculite, reaction product with citric acid, lithium salt	yes	no	no					no
758	38940	0110675-26-8	2,4-bis(dodecylthiomethyl)-6-methylphenol	yes	no	no		(24)			yes
759	54300	0118337-09-0	2,2'-ethylidenebis(4,6-di-tert-butylphenyl) fluorophosphonite	yes	no	yes	6				yes
760	83595	0119345-01-6	reaction product of di-tert-butylphosphonite with biphenyl, obtained by condensation of 2,4-di-tert-butylphenol with Friedel Craft reaction product of phosphorous trichloride and biphenyl	yes	no	no	18		<p>Composition:</p> <ul style="list-style-type: none"> <li>— 4,4'-biphenylene-bis[0,0-bis(2,4-di-tert-butylphenyl)phosphonite] (CAS.No 0038613-77-3) (36-46 % w/w (*))</li> <li>— 4,3'-biphenylene-bis[0,0-bis(2,4-di-tert-butylphenyl)phosphonite] (CAS.No 0118421-00-4) (17-23 % w/w (*))</li> <li>— 3,3'-biphenylene-bis[0,0-bis(2,4-di-tert-butylphenyl)phosphonite] (CAS.No 0118421-01-5) (1-5 % w/w (*))</li> <li>— 4-biphenylene-0,0-bis(2,4-di-tert-butylphenyl)phosphonite (CAS.No 0091362-37-7) (11-19 % w/w (*))</li> <li>— tris(2,4-di-tert-butylphenyl)phosphite (CAS.No 0031570-04-4) (9-18 % w/w (*))</li> <li>— 4,4'-biphenylene-0,0-bis(2,4-di-tert-butylphenyl)phosphonate-0,0-bis(2,4-di-tert-butylphenyl)phosphonite (CAS.No 0112949-97-0) (&lt; 5 % w/w (*))</li> </ul> <p>(*): Quantity of substance used /quantity of formulation</p> <p>Other specifications:</p> <ul style="list-style-type: none"> <li>— Phosphor content of min. 5,4 % to max. 5,9 %</li> <li>— Acid value of max. 10 mg KOH per gram</li> <li>— Melt range of 85-110 °C</li> </ul>		no

Annex B : List of authorised monomers, other starting substances, macromolecules obtained from microbial fermentation, additives and polymer production aids  
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FCM Substance No (17/11/09)	Ref. No	CAS No	Substance name	use as additive or polymer production aid (yes/no)	use as monomer or other starting substance or macromolecule obtained from microbial fermentation (yes/no)	FRF applicable (yes/no)	SML [mg/kg]	SML(T) [mg/kg] (group restriction No)	Restrictions and specifications	Notes on verification of compliance	eligible for migration modelling
761	92930	0120218-34-0	thiodiethanolbis(5-methoxycarbonyl-2,6-dimethyl-1,4-dihydropyridine-3-carboxylate)	yes	no	no	6				yes
762	31530	0123968-25-2	acrylic acid, 2,4-di-tert-pentyl-6-(1-(3,5-di-tert-pentyl-2-hydroxyphenyl)ethyl)phenyl ester	yes	no	yes	5				yes
763	39925	0129228-21-3	3,3-bis(methoxymethyl)-2,5-dimethylhexane	yes	no	yes	0,05				yes
764	13317	0132459-54-2	N,N'-bis[4-(ethoxycarbonyl)phenyl]-1,4,5,8-naphthalenetetracarboxydiimide	no	yes	no	0,05		Purity > 98,1 % (w/w) Only to be used as co-monomer (max 4 %) for polyesters (PET, PBT)		yes
765	49485	0134701-20-5	2,4-dimethyl-6-(1-methylpentadecyl)phenol	yes	no	yes	1				yes
766	38879	0135861-56-2	bis(3,4-dimethylbenzylidene)sorbitol	yes	no	no					yes
767	38510	0136504-96-6	1,2-bis(3-aminopropyl)ethylenediamine, polymer with N-butyl-2,2,6,6-tetramethyl-4-piperidinamine and 2,4,6-trichloro-1,3,5-triazine	yes	no	no	5				yes/pa
768	34850	0143925-92-2	amines, bis(hydrogenated tallow alkyl) oxidised	yes	no	no			Not to be used for articles in contact with fatty foods for which simulant D is laid down Only to be used in: (a) polyolefines at 0,1% (w/w) concentration and in (b) PET at 0,25% (w/w) concentration	(1)	yes
769	74010	0145650-60-8	phosphorous acid, bis(2,4-di-tert-butyl-6-methylphenyl) ethyl ester	yes	no	yes	5		SML expressed as sum of phosphite and phosphate		yes
770	51700	0147315-50-2	2-(4,6-diphenyl-1,3,5-triazin-2-yl)-5-(hexyloxy)phenol	yes	no	no	0,05				yes
771	34650	0151841-65-5	aluminium hydroxybis [2,2'-methylenebis (4,6-di-tert-butylphenyl) phosphate]	yes	no	no	5				yes
772	47500	0153250-52-3	N,N'-dicyclohexyl-2,6-naphthalene dicarboxamide	yes	no	no	5				yes
773	38840	0154862-43-8	bis(2,4-dicumylphenyl)pentaerythritol-diphosphite	yes	no	yes	5		SML expressed as sum of the substance itself, its oxidised form bis(2,4-dicumylphenyl)pentaerythritol-phosphate and its hydrolysis product (2,4-dicumylphenol)		yes
774	95270	0161717-32-4	2,4,6-tris(tert-butyl)phenyl-2-butyl-2-ethyl-1,3-propanediol phosphite	yes	no	yes	2		SML expressed as sum of phosphite, phosphate and the hydrolysis product = TTBP		yes
775	45705	0166412-78-8	1,2-cyclohexanedicarboxylic acid, diisononyl ester	yes	no	no					yes
776	76723	0167883-16-1	polydimethylsiloxane, 3-aminopropyl terminated, polymer with dicyclohexylmethane- 4,4'-diisocyanate	yes	no	no			The fraction with molecular weight below 1 000 Da should not exceed 1,5 % (w/w)		yes/pa
777	31542	0174254-23-0	acrylic acid, methyl ester, telomer with 1-dodecanethiol, C16-C18 alkyl esters	yes	no	no			0,5% in FP	(1)	yes

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778	71670	0178671-58-4	pentaerythritol tetrakis (2-cyano-3,3-diphenylacrylate)	yes	no	yes	0,05				yes
779	39815	0182121-12-6	9,9-bis(methoxymethyl)fluorene	yes	no	yes	0,05			(1)	yes
780	81220	0192268-64-7	poly-[[6-[N-(2,2,6,6-tetramethyl-4-piperidiny)-n-butylamino]-1,3,5-triazine-2,4-diy]][(2,2,6,6-tetramethyl-4-piperidiny)imino]-1,6-hexanediyl[(2,2,6,6-tetramethyl-4-piperidiny)imino]-α-[N,N,N',N'-tetrabutyl-N''-(2,2,6,6-tetramethyl-4-piperidiny)-N''-[6-(2,2,6,6-tetramethyl-4-piperidiny)amino]-hexyl]-[1,3,5-triazine-2,4,6-triazine]-ω-N,N,N',N'-tetrabutyl-1,3,5-triazine-2,4-diamine]	yes	no	no	5				yes/pa
781	95265	0227099-60-7	1,3,5-tris(4-benzoylphenyl) benzene	yes	no	no	0,05				yes
782	76725	0661476-41-1	polydimethylsiloxane, 3-aminopropyl terminated, polymer with 1-isocyanato-3-isocyanatomethyl-3,5,5-trimethylcyclohexane	yes	no	no			The fraction with molecular weight below 1 000 Da should not exceed 1 % (w/w)		yes/pa
783	55910	0736150-63-3	glycerides, castor-oil mono-, hydrogenated, acetates	yes	no	no					yes
784	95420	0745070-61-5	1,3,5-tris (2,2-dimethylpropanamido)benzene	yes	no	no	0,05				yes
785	24910	0000100-21-0	terephthalic acid	no	yes	no		(28)			yes
786	14627	0000117-21-5	3-chlorophthalic anhydride	no	yes	no	0,05		SML expressed as 3-chlorophthalic acid		yes
787	14628	0000118-45-6	4-chlorophthalic anhydride	no	yes	no	0,05		SML expressed as 4-chlorophthalic acid		yes
788	21498	0002530-85-0	[3-(methacryloxy)propyl]trimethoxysilane	no	yes	no	0,05		Only to be used as a surface treatment agent of inorganic fillers	(1) (11)	yes
789	60027	—	hydrogenated homopolymers and/or copolymers made of 1-hexene and/or 1-octene and/or 1-decene and/or 1-dodecene and/or 1-tetradecene (Mw: 440-12000)	yes	no	no			Not to be used for articles in contact with fatty food for which simulant D is laid down Average molecular weight not less than 440 Da Viscosity at 100 °C not less than 3,8 cSt (3,8 x 10 <sup>6</sup> m <sup>2</sup> /s)		yes/pa
790	80480	0090751-07-8 0082451-48-7	poly(6-morpholino-1,3,5-triazine-2,4-diy)-[(2,2,6,6-tetramethyl-4-piperidyl)imino] hexa-methylene-[(2,2,6,6-tetramethyl-4-piperidyl)imino]	yes	no	no	5		Average molecular weight not less than 2400 Da Residual content of morpholine ≤ 30 mg/kg, of N,N'-bis(2,2,6,6-tetramethylpiperidin-4-yl)hexane-1,6-diamine < 15000 mg/kg, and of 2,4-dichloro-6-morpholino-1,3,5-triazine ≤ 20 mg/kg	(16)	yes/pa

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791	92470	0106990-43-6	N,N',N'',N'''-tetrakis(4,6-bis(N-butyl-(N-methyl-2,2,6,6-tetramethylpiperidin-4-yl)amino)triazin-2-yl)-4,7-diazadecane-1,10-diamine	yes	no	no	0,05				yes
792	92475	0203255-81-6	3,3',5,5'-tetrakis(tert-butyl)-2,2'-dihydroxybiphenyl, cyclic ester with [3-(3-tert-butyl-4-hydroxy-5-methylphenyl)propyl]oxyphosphonous acid	yes	no	yes	5		SML expressed as the sum of phosphite and phosphate form of the substance and the hydrolysis products		yes
793	94000	0000102-71-6	triethanolamine	yes	no	no	0,05		SML including the hydrochloride adduct		yes
794	18117	0000079-14-1	glycolic acid	no	yes	no			For indirect food contact only, behind a PET layer		yes
795	40155	0124172-53-8	N,N'-bis(2,2,6,6-tetramethyl-4-piperidyl)-N,N'-diformylhexamethylenediamine	yes	no	no	0,05			(2) (12)	yes
796	72141	0018600-59-4	2,2'-(1,4-phenylene)bis[4H-3,1-benzoxazin-4-one]	yes	no	yes	0,05		SML including the sum of its hydrolysis products		yes
797	76807	0007328-26-5	polyester of adipic acid with 1,3-butanediol, 1,2-propanediol and 2-ethyl-1-hexanol	yes	no	yes		(31)			yes/pa
798	92200	0006422-86-2	terephthalic acid, bis(2-ethylhexyl)ester	yes	no	no	60				yes
799	77708	—	polyethyleneglycol (EO = 1-50) ethers of linear and branched primary (C8-C22) alcohols	yes	no	no	1,8		In compliance with the purity criteria for ethylene oxide as laid down in Commission Directive 2008/84/EC laying down specific purity criteria on food additives other than colours and sweeteners (OJ L 253, 20.9.2008, p. 1–175)		yes/pa
800	94425	0000867-13-0	triethyl phosphonoacetate	yes	no	no			Only for use in PET		yes
801	30607	—	acids, C <sub>2</sub> -C <sub>24</sub> , aliphatic, linear, monocarboxylic, from natural oils and fats, lithium salt	yes	no	no					yes/as acid
802	33105	0146340-15-0	alcohols, C12-14 secondary, β-(2-hydroxyethoxy), ethoxylated	yes	no	no	5			(12)	yes
803	33535	0152261-33-1	α-alkenes(C20-C24) copolymer with maleic anhydride, reaction product with 4-amino-2,2,6,6-tetramethylpiperidine	yes	no	no			Not to be used for articles in contact with fatty foods for which simulant D is laid down Not to be used in contact with alcoholic foods	(13)	yes/pa
804	80510	1010121-89-7	poly(3-nonyl-1,1-dioxo-1-thiopropane-1,3-diyl)-block-poly(x-oley-1,7-hydroxy-1,5-diaminooctane-1,8-diyl), process mixture with x=1 and/ or 5, neutralised with dodecylbenzenesulfonic acid	yes	no	no			Only to be used as polymerisation production aid in polyethylene (PE), polypropylene (PP) and polystyrene (PS)		no
805	93450	—	titanium dioxide, coated with a copolymer of n-octyltrichlorosilane and [aminotris(methylenephosphonic acid), penta sodium salt]	yes	no	no			The content of the surface treatment copolymer of the coated titanium dioxide is less than 1% w/w		no
806	14876	0001076-97-7	1,4-cyclohexanedicarboxylic acid	no	yes	no	5		Only to be used for manufacture of polyesters		yes

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807	19965	0006915-15-7	malic acid	no	yes	no			Only to be used as a comonomer in aliphatic polyesters up to maximum level of 1 % on a molar basis		yes
808	38550	0882073-43-0	bis(4-propylbenzylidene)propylsorbitol	yes	no	no	5		SML including the sum of its hydrolysis products		yes
809	49080	0852282-89-4	N-(2,6-diisopropylphenyl)-6-[4-(1,1,3,3-tetramethylbutyl)phenoxy]-1H-benzof[de]isoquinolin-1,3(2H)-dione	yes	no	yes	0,05		Only for use in PET	(6) (14) (15)	yes
810	68119	—	neopentyl glycol, diesters and monoesters with benzoic acid and 2-ethylhexanoic acid	yes	no	no	5		Not to be used for articles in contact with fatty foods for which simulant D is laid down.		yes
811	80077	0068441-17-8	polyethylene waxes, oxidised	yes	no	no	60				yes/pa
812	80350	0124578-12-7	poly(12-hydroxystearic acid)-polyethyleneimine copolymer	yes	no	no			Only to be used in polyethylene terephthalate (PET), polystyrene (PS), high impact polystyrene (HIPS) and polyamide (PA) up to 0,1 % w/w Prepared by the reaction of poly(12-hydroxystearic acid) with polyethyleneimine		yes/pa
813	91530	—	sulphosuccinic acid alkyl (C <sub>7</sub> -C <sub>20</sub> ) or cyclohexyl diesters, salts	yes	no	no	5				yes
814	91815	—	sulphosuccinic acid monoalkyl (C <sub>7</sub> -C <sub>16</sub> ) polyethyleneglycol esters, salts	yes	no	no	2				yes/pa
815	94985	—	trimethylolpropane, mixed triesters and diesters with benzoic acid and 2-ethylhexanoic acid	yes	no	no	5		Not to be used for articles in contact with fatty foods for which simulant D is laid down		yes
816	45704	—	cis-1,2-cyclohexanedicarboxylic acid, salts	yes	no	no	5				yes
817	38507	—	cis-endo-bicyclo[2.2.1]heptane-2,3-dicarboxylic acid, disodium salt	yes	no	no	5		Not to be used with polyethylene in contact with acidic foods Purity ≥ 96 %		yes/as acid
818	21530	—	methallylsulphonic acid, salts	no	yes	no	5				yes/as acid
819	68110	—	neodecanoic acid, salts	yes	no	no	0,05		Not to be used in polymers contacting fatty foods Not to be used for articles in contact with fatty foods for which simulant D is laid down SML expressed as neodecanoic acid		yes/as acid
820	76420	—	pimelic acid, salts	yes	no	no					yes/as acid
821	90810	—	stearoyl-2-lactic acid, salts	yes	no	no					yes/as acid
822	71938	—	perchloric acid, salts	yes	no	no	0,05			(4)	yes/as acid
823	24889	—	5-Sulphoisophthalic acid, salts	no	yes	no	5				yes/as acid