

## Annex IV, Last update: 20/03/2018

## LIST OF COLORANTS ALLOWED IN COSMETIC PRODUCTS

Reference number	Substance identification					Conditions			Wording of conditions of use and warnings	Update date
	Chemical name	Colour index Number / Name of Common Ingredients Glossary	CAS Number	EC Number	Colour	Product Type, body parts	Maximum concentration in ready for use preparation	Other		
1	Sodium tris(1,2-naphthoquinone 1-oximato-O,O')ferrate(1-)	CI 10006			Green	Rinse-off product				19/10/2010
2	Trisodium tris[5,6-dihydro-5-(hydroxyimino)-6-oxonaphthalene-2-sulphonato (2-)-N5,O6]ferrate(3-)	CI 10020			Green	Not to be used in products applied on mucous membranes				19/10/2010
3	Disodium 5,7-dinitro-8-oxidonaphthalene-2-sulphonate and its insoluble barium, strontium and zirconium lakes, salts and pigments	CI 10316			Yellow	Not to be used in eye products				18/10/2010
4	2-[(4-Methyl-2-nitrophenyl)azo]-3-oxo-N-phenylbutyramide	CI 11680			Yellow	Not to be used in products applied on mucous membranes				19/10/2010
5	2-[(4-Chloro-2-nitrophenyl)azo]-N-(2-chlorophenyl)-3-oxobutyramide	CI 11710			Yellow	Not to be used in products applied on mucous membranes				19/10/2010
6	2-[(4-Methoxy-2-nitrophenyl)azo]-3-oxo-N-(o-tolyl)butyramide	CI 11725			Orange	Rinse-off products				28/10/2010
7	4-(Phenylazo)resorcinol	CI 11920			Orange					19/10/2010
8	4-[(4-Ethoxyphenyl)azo]naphthol	CI 12010			Red	Not to be used in products applied on mucous membranes				19/10/2010
9	1-[(2-Chloro-4-nitrophenyl)azo]-2-naphthol and its insoluble barium, strontium and zirconium lakes, salts and pigments	CI 12085			Red		3%			18/10/2010
10	1-[(4-Methyl-2-nitrophenyl)azo]-2-naphthol	CI 12120			Red	Rinse-off products				28/10/2010
11	3-Hydroxy-N-(o-tolyl)-4-[(2,4,5-trichlorophenyl)azo]naphthalene-2-carboxamide	CI 12370			Red	Rinse-off products				19/10/2010
12	N-(4-Chloro-2-methylphenyl)-4-[(2,4,5-trichlorophenyl)azo]naphthalene-2-carboxamide	CI 12420			Red	Rinse-off products				19/10/2010

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	(4-chloro-2-methylphenyl)azo]-3-hydroxynaphthalene-2-carboxamide									
13	4-[(2,5-Dichlorophenyl)azo]-N-(2,5-dimethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide	CI 12480			Brown	Rinse-off products				19/10/2010
14	N-(5-Chloro-2,4-dimethoxyphenyl)-4-[[5-[(diethylamino)sulphonyl]-2-methoxyphenyl]azo]-3-hydroxynaphthalene-2-carboxamide	CI 12490			Red					19/10/2010
15	2,4-Dihydro-5-methyl-2-phenyl-4-(phenylazo)-3H-pyrazol-3-one	CI 12700			Yellow	Rinse-off products				19/10/2010
16	Disodium 2-amino-5-[(4-sulphonatophenyl)azo]benzenesulphonate	CI 13015			Yellow					19/10/2010
17	Sodium 4-(2,4-dihydroxyphenylazo)benzenesulphonate	CI 14270			Orange					28/10/2010
18	Disodium 3-[(2,4-dimethyl-5-sulphonatophenyl)azo]-4-hydroxynaphthalene-1-sulphonate	CI 14700			Red					19/10/2010
19	Disodium 4-hydroxy-3-[(4-sulphonatophenyl)azo]naphthalenesulphonate	CI 14720		222-657-4	Red			Purity criteria as set out in Commission Directive 95/45/EC (E 122)		18/10/2010
20	Disodium 6-[(2,4-dimethyl-6-sulphonatophenyl)azo]-5-hydroxynaphthalene-1-sulphonate	CI 14815			Red					19/10/2010
21	Sodium 4-[(2-hydroxy-1-naphthyl)azo]benzenesulphonate and its insoluble barium, strontium and zirconium lakes, salts and pigments	CI 15510			Orange	Not to be used in eye products				19/10/2010
22	Calcium disodium bis[2-chloro-5-[(2-hydroxy-1-naphthyl)azo]-4-sulphonatobenzoate]	CI 15525			Red					19/10/2010
23	Barium	CI 15580			Red					19/10/2010

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	bis[4-[(2-hydroxy-1-naphthyl)azo]-2-methylbenzenesulphonate]									
24	Sodium 4-[(2-Hydroxy-1-naphthyl)azo]naphthalenesulphonate	CI 15620			Red	Rinse-off products				19/10/2010
25	Sodium 2-[(2-hydroxynaphthyl)azo]naphthalenesulphonate and its insoluble barium, strontium and zirconium lakes, salts and pigments	CI 15630			Red		3%			19/10/2010
26	Calcium bis[3-hydroxy-4-(phenylazo)-2-naphthoate]	CI 15800			Red	Not to be used in products applied on mucous membranes				18/10/2010
27	Disodium 3-hydroxy-4-[(4-methyl-2-sulphonatophenyl)azo]-2-naphthoate and its insoluble barium, strontium and zirconium lakes, salts and pigments	CI 15850		226-109-5	Red			Purity criteria as set out in Commission Directive 95/45/EC (E 180)		18/10/2010
28	Disodium 4-[(5-chloro-4-methyl-2-sulphonatophenyl)azo]-3-hydroxy-2-naphthoate and its insoluble barium, strontium and zirconium lakes, salts and pigments	CI 15865			Red					18/10/2010
29	Calcium 3-hydroxy-4-[(1-sulphonato-2-naphthyl)azo]-2-naphthoate	CI 15880			Red					19/10/2010
30	Disodium 6-hydroxy-5-[(3-sulphonatophenyl)azo]naphthalene-2-sulphonate	CI 15980			Orange					19/10/2010
31	Disodium 6-hydroxy-5-[(4-sulphonatophenyl)azo]naphthalene-2-sulphonate and its insoluble barium, strontium and zirconium lakes, salts and pigments	CI 15985		220-491-7	Yellow			Purity criteria as set out in Commission Directive 95/45/EC (E 110)		18/10/2010
32	Disodium 6-hydroxy-5-[(2-methoxy-4-sulphonato-m-tolyl)azo]naphthalene-	CI 16035		247-368-0	Red			Purity criteria as set out in Commission Directive 95/45/EC (E 129)		18/10/2010

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	2-sulphonate									
33	Trisodium 3-hydroxy-4-(4'-sulphonatonaphthylazo)naphthalene-2,7-disulphonate	CI 16185		213-022-2	Red			Purity criteria as set out in Commission Directive 95/45/EC (E 123)		18/10/2010
34	Disodium 7-hydroxy-8-(phenylazo)naphthalene-1,3-disulphonate	CI 16230			Orange	Not to be used in products applied on mucous membranes				28/10/2010
35	Trisodium 1-(1-naphthylazo)-2-hydroxynaphthalene-4',6,8-trisulphonate and its insoluble barium, strontium and zirconium lakes, salts and pigments	CI 16255		220-036-2	Red			Purity criteria as set out in Commission Directive 95/45/EC (E 124)		18/10/2010
36	Tetrasodium 7-hydroxy-8-[(4-sulphonato-1-naphthyl)azo]naphthalene-1,3,6-trisulphonate	CI 16290			Red					19/10/2010
37	Disodium 5-amino-4-hydroxy-3-(phenylazo)naphthalene-2,7-disulphonate and its unsoluble barium, strontium and zirconium lakes, salts and pigments	CI 17200			Red					18/10/2010
38	Disodium 5-acetylamino-4-hydroxy-3-(phenylazo)naphthalene-2,7-disulphonate	CI 18050		223-098-9	Red	Not to be used in products applied on mucous membranes		Purity criteria as set out in Commission Directive 95/45/EC (E 128)		18/10/2010
39	2,7-Naphthalenedisulfonic acid, 3-((4-cyclohexyl-2-methylphenyl)azo)-4-hydroxy-5-((4-methylphenyl)sulfonyl)amino-, disodium salt	CI 18130			Red	Rinse-off products				18/10/2010
40	Hydrogen bis[2-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]benzoato(2-)]chromate(1-)	CI 18690			Yellow	Rinse-off products				18/10/2010
41	Disodium hydrogen bis[5-chloro-3-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]-2-hydroxybenzenesulp	CI 18736			Red	Rinse-off products				22/07/2013

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	honato(3-)]chromate(3-)									
42	Sodium 4-(3-hydroxy-5-methyl-4-phenyl azopyrazol-2-yl)benzenesulphonate	CI 18820			Yellow	Rinse-off products				18/10/2010
43	Disodium 2,5-dichloro-4-(5-hydroxy-3-methyl-4-((sulphophenyl)azo)pyrazol-1-yl)benzenesulphonate	CI 18965			Yellow					28/10/2010
44	Trisodium 5-hydroxy-1-(4-sulphophenyl)-4-((4-sulphophenyl)azo)pyrazole-3-carboxylate and its insoluble barium, strontium and zirconium lakes, salts and pigments	CI 19140		217-699-5	Yellow			Purity criteria as set out in Commission Directive 95/45/EC (E 102)		28/10/2010
45	N,N'-(3,3'-Dimethyl[1,1'-biphenyl]-4,4'-diyl)bis[2-[(2,4-dichlorophenyl)azo]-3-oxobutyramide]	CI 20040			Yellow	Rinse-off products		Maximum 3,3'-dimethylbenzidine concentration in the colouring agent: 5 ppm		18/10/2010
46	Sodium 4-amino-5-hydroxy-3-[(4-nitrophenyl)azo]-6-(phenylazo)naphthalene-2,7-disulphonate	CI 20470			Black	Rinse-off products				18/10/2010
47	2,2'-[(3,3'-Dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(2,4-dimethylphenyl)-3-oxobutyramide]	CI 21100			Yellow	Rinse-off products		Maximum 3,3'-dimethylbenzidine concentration in the colouring agent: 5 ppm		18/10/2010
48	2,2'-[(3,3'-Dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxobutyramide]	CI 21108			Yellow	Rinse-off products		Maximum 3,3'-dimethylbenzidine concentration in the colouring agent: 5 ppm		18/10/2010
49	2,2'-[Cyclohexylidenebis[(2-methyl-4,1-phenylene)azo]]bis[4-cyclohexylphenol]	CI 21230			Yellow	Not to be used in products applied on mucous membranes				18/10/2010
50	Disodium 4,6-dihydroxy-3-[[4-[1-[4-[[1-hydroxy-7-(phenylsulphonyloxy)-3-sulphonato-2-naphthyl]azo]phenyl]cyclohexyl]phenyl]azo]naphthalene-2-sulphonate	CI 24790			Red	Rinse-off products				18/10/2010

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51	1-(4-(Phenylazo)phenylazo)-2-naphthol	CI 26100			Red	Not to be used in products applied on mucous membranes		Purity criteria: anilin<=0.2% 2-naphthol <= 0.2% 4-aminoazobenzene <0.1% 1-(phenylazo)-2-naphthol <=3% 1-[2-(phenylazo)phenylazo]-2-naphthalenol<=2%		18/10/2010
52	Tetrasodium 6-amino-4-hydroxy-3-[[7-sulphonato-4-[(4-sulphonatophenyl)azo]-1-naphthyl]azo]naphthalene-2,7-disulphonate	CI 27755			Black					18/10/2010
53	Tetrasodium 1-acetamido-2-hydroxy-3-(4-((4-sulphonatophenylazo)-7-sulphonato-1-naphthylazo))naphthalene-4,6-disulphonate	CI 28440		219-746-5	Black			Purity criteria as set out in Commission Directive 95/45/EC (E 151)		18/10/2010
54	Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis-5-nitro-, disodium salt, reaction products with 4-[(4-aminophenyl)azo]benzenesulfonic acid, sodium salts	CI 40215			Orange	Rinse-off products				18/10/2010
55	beta Carotene	CI 40800		230-636-6	Orange			Purity criteria as set out in Commission Directive 95/45/EC (E 160a)		18/10/2010
56	8'-apo-.beta.-Caroten-8'-al	CI 40820			Orange			Purity criteria as set out in Commission Directive 95/45/EC (E 160e)		18/10/2010
57	Ethyl 8'-apo-.beta.-caroten-8'-oate	CI 40825		214-173-7	Orange			Purity criteria as set out in Commission Directive 95/45/EC (E 160f)		18/10/2010
58	Canthaxanthin	CI 40850		208-187-2	Orange			Purity criteria as set out in Commission Directive 95/45/EC (E 161g)		18/10/2010
59	Ammonium, (4-(alpha-(p-(diethylamino)phenyl)-2,4-disulfobenzylidene)-2,5-cyclohexadien-1-ylidene)diethyl-, hydroxide, monosodium salt	CI 42045			Blue	Not to be used in products applied on mucous membranes				18/10/2010

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60	Ethanaminium, N-(4-((4-(diethylamino)phenyl)(5-hydroxy-2,4-disulfofophenyl)methylene)-2,5-cyclohexadien-1-ylidene)-N-ethylhydroxide, inner salt, calcium salt (2:1) and its insoluble barium, strontium and zirconium lakes, salts and pigments	CI 42051		222-573-8	Blue			Purity criteria as set out in Commission Directive 95/45/EC (E 131)		28/10/2010
61	Benzene-methanaminium, N-ethyl-N-(4-((4-(ethyl((3-sulfofophenyl)methyl)amino)phenyl)(4-hydroxy-2-sulfofophenyl)methylene)-2,5-cyclohexadien-1-ylidene)-3-sulfo-, hydroxide, inner salt, disodium salt	CI 42053			Green					28/10/2010
62	Hydrogen (benzyl)[4-[[4-(benzylethylamino)phenyl](2,4-disulphonatophenyl)methylene]cyclohexa-2,5-dien-1-ylidene](ethyl)ammonium, sodium salt	CI 42080			Blue	Rinse-off products				18/10/2010
63	Benzenemethanaminium, N-ethyl-N-(4-((4-(ethyl((3-sulfofophenyl)methyl)amino)phenyl)(2-sulfofophenyl)methylene)-2,5-cyclohexadien-1-ylidene)-3-sulfo-, hydroxide, inner salt, disodium salt	CI 42090		223-339-8	Blue			Purity criteria as set out in Commission Directive 95/45/EC (E 133)		18/10/2010
64	Hydrogen [4-[(2-chlorophenyl)[4-[ethyl(3-sulphonatobenzyl)amino]phenyl]methylene]cyclohexa-2,5-dien-1-ylidene](ethyl)(3-sulphonatobenzyl)ammonium, sodium salt	CI 42100			Green	Rinse-off products				18/10/2010
65	Hydrogen [4-[(2-chlorophenyl)[4-[ethyl(3-sulphonatobenzyl)amino]-o-tolyl]methylene]-3-methylcyclohexa-2,5-dien-1-ylidene](ethyl)(3-sulphonatobenzyl)ammonium, sodium salt	CI 42170			Green	Rinse-off products				18/10/2010
66	(4-(4-Aminophenyl)(4-iminocycl	CI 42510			Violet	Not to be used in				18/10/2010

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	ohexa-2,5-dienylidene)methyl)-2-methylaniline hydrochloride					products applied on mucous membranes				
67	4-[(4-Amino-m-tolyl)(4-imino-3-methylcyclohexa-2,5-dien-1-ylidene)methyl]-o-toluidine monohydrochloride	CI 42520			Violet	Rinse-off products	5 ppm			18/10/2010
68	Hydrogen [4-[[4-(diethylamino)phenyl][4-[ethyl[(3-sulphonatobenzyl)amino]-o-tolyl]methylene]-3-methylcyclohexa-2,5-dien-1-ylidene](ethyl)(3-sulphonatobenzyl)ammonium, sodium salt	CI 42735			Blue	Not to be used in products applied on mucous membranes				18/10/2010
69	[4-[[4-Anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride	CI 44045			Blue	Not to be used in products applied on the mucous membranes				18/10/2010
70	Hydrogen [4-[4-(dimethylamino)-.alpha.-(2-hydroxy-3,6-disulphonato-1-naphthyl)benzylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium, monosodium salt	CI 44090		221-409-2	Green			Purity criteria as set out in Commission Directive 95/45/EC (E 142)		18/10/2010
71	Hydrogen 3,6-bis(diethylamino)-9-(2,4-disulphonatophenyl)xanthylium, sodium salt	CI 45100			Red	Rinse-off products				18/10/2010
72	Hydrogen 9-(2-carboxylatophenyl)-3-(2-methylanilino)-6-(2-methyl-4-sulphoanilino)xanthylium, monosodium salt	CI 45190			Violet	Rinse-off products				18/10/2010
73	Hydrogen 9-(2,4-disulphonatophenyl)-3,6-bis(ethylamino)-2,7-dimethylxanthylium, monosodium salt	CI 45220			Red	Rinse-off products				18/10/2010
74	Disodium 2-(3-oxo-6-oxidoxanthen-9-yl)benzoate	CI 45350			Yellow		6%			18/10/2010
75	4',5'-Dibromo-3',6'-dihydroxyspiro[isobenzofuran-1(3H),9'-[9H]xa	CI 45370			Orange			Not more than 1% 2-(6-hydroxy-3-oxo-3H-		18/10/2010



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	anthene]-3-one and its insoluble barium, strontium and zirconium lakes, salts and pigments							xanthen-9-yl)benzoic acid and 2% 2-(bromo-6-hydroxy-3-oxo-3H-xanthen-9-yl)benzoic acid		
76	Disodium 2-(2,4,5,7-tetrabromo-6-oxido-3-oxoxanthen-9-yl)benzoate and its insoluble barium, strontium and zirconium lakes, salts and pigments	CI 45380			Red			Not more than 1% 2-(6-hydroxy-3-oxo-3H-xanthen-9-yl)benzoic acid and 2% 2-(bromo-6-hydroxy-3-oxo-3H-xanthen-9-yl)benzoic acid		18/10/2010
77	3',6'-Dihydroxy-4',5'-dinitrospiro [isobenzofuran-1(3H),9'-[9H]xanthen]-3-one	CI 45396			Orange		1%, when used in lip products	Only in free acid form, when used in lip products		18/10/2010
78	Dipotassium 3,6-dichloro-2-(2,4,5,7-tetrabromo-6-oxido-3-oxoxanthen-9-yl)benzoate	CI 45405			Red	Not to be used in eye products		Not more than 1% 2-(6-hydroxy-3-oxo-3H-xanthen-9-yl)benzoic acid and 2% 2-(bromo-6-hydroxy-3-oxo-3H-xanthen-9-yl)benzoic acid		18/10/2010
79	3,4,5,6-Tetrachloro-2-(1,4,5,8-tetrabromo-6-hydroxy-3-oxoxanthen-9-yl)benzoic acid and its soluble barium, strontium and zirconium lakes, salts and pigments	CI 45410			Red			Not more than 1% 2-(6-hydroxy-3-oxo-3H-xanthen-9-yl)benzoic acid and 2% 2-(bromo-6-hydroxy-3-oxo-3H-xanthen-9-yl)benzoic acid		18/10/2010
80	Disodium 2-(2,4,5,7-tetraiodo-6-oxido-3-oxoxanthen-9-yl)benzoate and its insoluble barium, strontium and zirconium lakes, salts and pigments	CI 45430		240-474-8	Red			Purity criteria as set out in Commission Directive 95/45/EC (E 127)		18/10/2010
81	1,3-Isobenzofurandione, reaction products with methylquinoline and quinoline	CI 47000			Yellow	Not to be used in products applied on mucous membranes				18/10/2010
82	1H-Indene-1,3(2H)-dione, 2-(2-quinolinyl)-, sulfonated, sodium salts	CI 47005		305-897-5	Yellow			Purity criteria as set out in Commission Directive 95/45/EC (E 104)		18/10/2010
83	Hydrogen	CI 50325			Violet	Rinse-off products				18/10/2010

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	9-[(3-methoxyphenyl)amino]-7-phenyl-5-(phenylamino)-4,10-disulphonatobenzo[a]phenazinium, sodium salt									
84	Sulfonated nigrosine color	CI 50420			Black	Not to be used in products applied on the mucous membranes				18/10/2010
85	8,18-Dichloro-5,15-diethyl-5,15-dihydrodiindolo[3,2-b:3',2'-m]triphenodioxazine	CI 51319			Violet	Rinse-off products				18/10/2010
86	1,2-Dihydroxyanthraquinone	CI 58000			Red					18/10/2010
87	Trisodium 8-hydroxypyrene-1,3,6-trisulphonate	CI 59040			Green	Not to be used in products applied on the mucous membranes				18/10/2010
88	1-Anilino-4-hydroxyanthraquinone	CI 60724			Violet	Rinse-off products				18/10/2010
89	1-Hydroxy-4-(p-toluidino)anthraquinone	CI 60725			Violet					18/10/2010
90	Sodium 4-[(9,10-dihydro-4-hydroxy-9,10-dioxo-1-anthryl)amino]toluene-3-sulphonate	CI 60730			Violet	Not to be used in products applied on the mucous membranes				18/10/2010
91	1,4-bis(p-Tolylamino)anthraquinone	CI 61565			Green					18/10/2010
92	Disodium 2,2'-(9,10-dioxoanthracene-1,4-diyldiimino)bis(5-methylsulphonate)	CI 61570			Green					18/10/2010
93	Sodium 3,3'-(9,10-dioxoanthracene-1,4-diyldiimino)bis(2,4,6-trimethylbenzenesulphonate)	CI 61585			Blue	Rinse-off products				18/10/2010
94	Sodium 1-amino-4-(cyclohexylamino)-9,10-dihydro-9,10-dioxoanthracene-2-sulphonate	CI 62045			Blue	Rinse-off products				18/10/2010
95	6,15-Dihydroanthrazine-5,9,14,18-tetrone	CI 69800			Blue					18/10/2010
96	7,16-Dichloro-6,15-dihydroanthr	CI 69825			Blue					18/10/2010

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	azine-5,9,14,18-tetrone									
97	Bisbenzimidazo[2,1-b:2',1'-i]benzo[lmn][3,8]phenanthroline-8,17-dione	CI 71105			Orange	Not to be used in products applied on mucous membranes				18/10/2010
98	2-(1,3-Dihydro-3-oxo-2H-indazol-2-ylidene)-1,2-dihydro-3H-indol-1-3-one	CI 73000			Blue					13/11/2010
99	Disodium 5,5'-(2-(1,3-dihydro-3-oxo-2H-indazol-2-ylidene)-1,2-dihydro-3H-indol-3-one)disulphonate	CI 73015		212-728-8	Blue			Purity criteria as set out in Commission Directive 95/45/EC (E 132)		18/10/2010
100	6-Chloro-2-(6-chloro-4-methyl-3-oxobenzo[b]thien-2(3H)-ylidene)-4-methylbenzo[b]thiophene-3(2H)-one	CI 73360			Red					18/10/2010
101	5-Chloro-2-(5-chloro-7-methyl-3-oxobenzo[b]thien-2(3H)-ylidene)-7-methylbenzo[b]thiophene-3(2H)-one	CI 73385			Violet					18/10/2010
102	5,12-Dihydroquino[2,3-b]acridine-7,14-dione	CI 73900			Violet	Rinse-off products				18/10/2010
103	5,12-Dihydro-2,9-dimethylquino[2,3-b]acridine-7,14-dione	CI 73915			Red	Rinse-off products				18/10/2010
104	29H,31H-Phthalocyanine	CI 74100			Blue	Rinse-off products				18/10/2010
105	(29H,31H-Phthalocyaninato(2-)-N29,N30,N31,N32)copper	CI 74160			Blue					18/10/2010
106	Disodium [29H,31H-phthalocyaninedisulphonato(4-)-N29,N30,N31,N32]cuprate(2-)	CI 74180			Blue	Rinse-off products				18/10/2010
107	Polychloro copper phthalocyanine	CI 74260			Green	Not to be used in eye products				18/10/2010
108	8,8'-diapo- $\psi$ , $\psi$ -Carotenedioic acid	CI 75100			Yellow					18/10/2010
109	Annatto	CI 75120	1393-63-1 ;542-40-5 ;6983-79-5	215-735-4 / 289-561-2 / 230-248-7	Orange			Purity criteria as set out in Commission Directive 95/45/EC (E 160b)		20/03/2018
110	Lycopene	CI 75125			Yellow			Purity criteria as set out		18/10/2010

Reference number	Substance identification					Conditions			Wording of conditions of use and warnings	Update date
	Chemical name	Colour index Number / Name of Common Ingredients Glossary	CAS Number	EC Number	Colour	Product Type, body parts	Maximum concentration in ready for use preparation	Other		
								in Commission Directive 95/45/EC (E 160d)		
111	CI Food Orange 5	CI 75130		214-171-6	Orange			Purity criteria as set out in Commission Directive 95/45/EC (E 160a)		18/10/2010
112	(3R)-beta-4-Caroten-3-ol	CI 75135			Yellow					18/10/2010
113	2-Amino-1,7-dihydro-6H-purin-6-one	CI 75170			White					18/10/2010
114	Curcumins	CI 75300		207-280-5	Yellow			Purity criteria as set out in Commission Directive 95/45/EC (E 100)		18/10/2010
115	Carmines	CI 75470		215-023-3 / 215-680-6 / 215-724-4	Red			Purity criteria as set out in Commission Directive 95/45/EC (E 120)		18/10/2010
116	Trisodium (2S-trans)-[18-carboxy-20-(carboxymethyl)-13-ethyl-2,3-dihydro-3,7,12,17-tetramethyl-8-vinyl-21H,23H-porphine-2-propionato(5-)-N21,N22,N23,N24]cuprate(3-) (Chlorophylls)	CI 75810		215-800-7 / 207-536-6 / 208-272-4 / 287-483-3 / 239-830-5 / 246-020-5	Green			Purity criteria as set out in Commission Directive 95/45/EC (E 140, E 141)		18/10/2010
117	Aluminium	CI 77000		231-072-3	White			Purity criteria as set out in Commission Directive 95/45/EC (E 173)		13/06/2014
118	Aluminium hydroxide sulphate	CI 77002			White					18/10/2010
119	Natural hydrated aluminium silicate, Al <sub>2</sub> O <sub>3</sub> .2SiO <sub>2</sub> .2H <sub>2</sub> O, containing calcium, magnesium or iron carbonates, ferric hydroxide, quartz-sand, mica, etc. as impurities	CI 77004			White					18/10/2010
120	Lazurite	CI 77007			Blue					18/10/2010
121	Aluminum silicate coloured with ferric oxide	CI 77015			Red					18/10/2010
122	Barium sulfate	CI 77120			White					18/10/2010
123	Bismuth chloride oxide	CI 77163			White					18/10/2010
124	Calcium carbonate	CI 77220	471-34-1	207-439-9 / 215-279-6	White			Purity criteria as set out in Commission Directive		15/10/2010

Reference number	Substance identification					Conditions			Wording of conditions of use and warnings	Update date
	Chemical name	Colour index Number / Name of Common Ingredients Glossary	CAS Number	EC Number	Colour	Product Type, body parts	Maximum concentration in ready for use preparation	Other		
								95/45/EC (E 170)		
125	Calcium sulfate	CI 77231	7778-18-9 / 10034-76-1 / 10101-41-4	231-900-3 / - / -	White					15/10/2010
126a	carbon black (nano)	77266	1333-86-4	215-609-9	Black		10%	Not to be used in applications that may lead to exposure of the end user's lungs by inhalation. Only nanomaterials having the following characteristics are allowed: — Purity > 97 %, with the following impurity profile: Ash content # 0,15 %, total sulphur # 0,65 %, total PAH # 500 ppb and benzo(a)pyrene # 5 ppb, dibenz(a,h)anthracene # 5 ppb, total As # 3 ppm, total Pb # 10 ppm, and total Hg # 1 ppm; — Primary particle size # 20 nm.'		07/03/2018
126	Carbon black	77266	1333-86-4	215-609-9	Black			Purity > 97 %, with the following impurity profile: Ash content # 0,15 %, total sulphur # 0,65 %, total PAH # 500 ppb and benzo(a)pyrene # 5 ppb, dibenz(a,h)anthracene # 5 ppb, total As # 3 ppm, total Pb # 10 ppm, total Hg # 1 ppm.		07/03/2018
127	Charcoal, bone. A fine black powder obtained by burning animal bones in a closed container. It consists primarily of calcium phosphate and carbon	CI 77267			Black					18/10/2010

Reference number	Substance identification					Conditions			Wording of conditions of use and warnings	Update date
	Chemical name	Colour index Number / Name of Common Ingredients Glossary	CAS Number	EC Number	Colour	Product Type, body parts	Maximum concentration in ready for use preparation	Other		
128	Coke black	CI 77268:1			Black					28/10/2010
129	Chromium (III) oxide	CI 77288			Green			free from chromate ion		18/10/2010
130	Chromium (III) hydroxide	CI 77289			Green			free from chromate ion		18/10/2010
131	Cobalt Aluminum Oxide	CI 77346			Green					01/12/2010
132	Copper	CI 77400			Brown					18/10/2010
133	Gold	CI 77480		231-165-9	Brown			Purity criteria as set out in Commission Directive 95/45/EC (E175)		18/10/2010
134	Iron oxide	CI 77489			Orange					28/10/2010
135	Iron Oxide red	CI 77491		215-168-2	Red			Purity criteria as set out in Commission Directive 95/45/EC (E172)		18/10/2010
136	Iron Oxide Yellow	CI 77492	51274-00-1	257-098-5	Yellow			Purity criteria as set out in Commission Directive 95/45/EC (E172)		18/10/2010
137	Iron Oxide Black	CI 77499		235-442-5	Black			Purity criteria as set out in Commission Directive 95/45/EC (E172)		18/10/2010
138	Ferric Ammonium Ferrocyanide	CI 77510			Blue			free from cyanide ions		18/10/2010
139	Magnesium carbonate	CI 77713			White					18/10/2010
140	Ammonium manganese(3+) diphosphate	CI 77742			Violet					18/10/2010
141	Trimanganese bis(orthophosphate)	CI 77745			Red					18/10/2010
142	Silver	CI 77820		231-131-3	White			Purity criteria as set out in Commission Directive 95/45/EC (E174)		18/10/2010
143	Titanium dioxide	CI 77891	13463-67-7[1]/ 1317-70-0[2]/ 1317-80-2[3]	236-675-5[1]/ 215-280-1[2]/ 215-282-2[3]	White			Purity criteria as set out in Commission Directive 95/45/EC (E171)		01/12/2016
144	Zinc oxide	CI 77947	1314-13-2	215-222-5	White					28/09/2017
145	Riboflavin	LACTOFLAVIN		201-507-1 / 204-988-6	Yellow			Purity criteria as set out in Commission Directive 95/45/EC (E101)		18/10/2010
146	Caramel	CAMEL		232-435-9	Brown			Purity criteria as set out in Commission Directive		18/10/2010

Reference number	Substance identification					Conditions			Wording of conditions of use and warnings	Update date
	Chemical name	Colour index Number / Name of Common Ingredients Glossary	CAS Number	EC Number	Colour	Product Type, body parts	Maximum concentration in ready for use preparation	Other		
								95/45/EC (E150a-d)		
147	Paprika extract, Capsanthin, capsorubin	CAPSANTHIN, CAPSORUBIN		207-364-1 / 207-425-2	Orange			Purity criteria as set out in Commission Directive 95/45/EC (E160c)		18/10/2010
148	Beetroot red	BEETROOT RED	7659-95-2	231-628-5	Red			Purity criteria as set out in Commission Directive 95/45/EC (E162)		18/10/2010
149	Anthocyanins (Cyanidin, Peonidin, Malvidin, Delphinidin, Petunidin, Pelargonidin)	ANTHOCYANINS	528-58-5 / 134-01-0 / 528-53-0 / 643-84-5 / 134-04-3	208-438-6 / 205-125-6 / 211-403-8 / 208-437-0 / - / 205-127-7	Red			Purity criteria as set out in Commission Directive 95/45/EC (E163)		28/10/2010
150	Aluminium, zinc, magnesium and calcium stearates	ALUMINUM STEARATE / ZINC STEARATE / MAGNESIUM STEARATE / CALCIUM STEARATE	7047-84-9 / 557-05-1 / 557-04-0 / 1592-23-0	230-325-5 / 209-151-9 / 209-150-3 / 216-472-8	White					18/10/2010
151	Phenol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis[2-bromo-3-methyl-6-(1-methylethyl)-, S,S-dioxide	BROMOTHYMOLO BLUE	76-59-5	200-971-2	Blue	Rinse-off products				15/10/2010
152	Phenol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis[2,6-dibromo-3-methyl-, S, S-dioxide	BROMOCRESOLO GREEN	76-60-8	200-972-8	Green	Rinse-off products				18/10/2010
153	Sodium 4-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]-3-hydroxynaphthalene-1-sulphonate	ACID RED 195	12220-24-5	-	Red	Not to be used in products applied on mucous membranes				15/10/2010

**Preamble**

Without prejudice to other provisions in this Regulation, a colorant shall include its salts and lakes and when a colorant is expressed as a specific salt, its other salts and lakes shall also be included.