

Appendix 1

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ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

Supplementary Table C: Substances on Annex II of the Cosmetic Products Regulation¹

Substance Name	EC #	CAS #	Substance Name	EC #	CAS #	R e g 2	T b l 1 3	T b l 2 3	T b l 3 3	A- II # ⁴	S S 5	C M 6	R 7	I C D 8	T I 9
			N-(5-Chlorobenzoxazol-2-yl)acetamide		35783-57-4					1					
(2-acetoxyethyl)trimethylammonium	200-128-9	51-84-3	(2-Acetoxyethyl)trimethylammonium hydroxide (Acetylcholine) and its salts	200-128-9	51-84-3					2					
Deanol aceglumate	222-085-5	3342-61-8	Deanol aceglumate (INN)	222-085-5	3342-61-8					3					
Spiroinolactone	200-133-6	52-01-7	Spiroinolactone (INN)	200-133-6	52-01-7					4					
Tiratricol	200-086-1	51-24-1	[4-(4-Hydroxy-3-iodophenoxy)-3,5-diiodophenyl]acetic acid (Tiratricol (INN)) and its salts	200-086-1	51-24-1					5					
Methotrexate	200-413-8	59-05-2	Methotrexate (INN)	200-413-8	59-05-2					6					
Aminocaproic acid	200-469-3	60-32-2	Aminocaproic acid (INN) and its salts	200-469-3	60-32-2					7					
Cinchophen	205-067-1	132-60-5	Cinchophen (INN), its salts, derivatives and salts of these derivatives	205-067-1	132-60-5					8					
Trichloroacetic acid	200-927-2	76-03-9	Thyropropic acid (INN) and its salts		51-26-3					9					
Aconitum napellus, ext.	283-252-6	84603-50-9	Trichloroacetic acid	200-927-2	76-03-9	y				10				y	
Aconitine	206-121-7	302-27-2	Aconitum napellus L. (leaves, roots and galenical preparations)	283-252-6	84603-50-9					11					
Adonis vernalis, ext.	283-458-6	84649-73-0	Aconitine (principal alkaloid of Aconitum napellus L.) and its salts	206-121-7	302-27-2					12					
Epinephrine	200-098-7	51-43-4	Adonis vernalis L. and its preparations	283-458-6	84649-73-0					13					
			Epinephrine (INN)	200-098-7	51-43-4					14					

¹ Extraction as of 12/08/2016 from Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products

² Substances registered under REACH

³ Substances on the Council of Europe ResAP(2008)1 tables (1, 2 and 3)

⁴ Substance on Annex II of the EU Cosmetic Products Regulation (CPR)

⁵ Substances with harmonised classification as skin sensitizers as per the CLP Regulation

⁶ Substances with harmonised classification as carcinogenic or mutagenic as per the CLP Regulation

⁷ Substances with harmonised classification as reprotoxic as per the CLP Regulation

⁸ Substances with harmonised classification as skin corrosive or irritant or eye damaging or irritant as per the CLP Regulation

⁹ Substances found in tattoo inks or PMU according to JRC report (JRC, 2015b)

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Rauwolfia serpentina, ext.	290-234-1	90106-13-1	Rauwolfia serpentina L., alkaloids and their salts	290-234-1	90106-13-1															15
			Alkyne alcohols, their esters, ethers and salts																	16
Isoprenaline	231-687-7	7683-59-2	Isoprenaline (INN)	231-687-7	7683-59-2															17
Allyl isothiocyanate	200-309-2	57-06-7	Allyl isothiocyanate	200-309-2	57-06-7															18
			Alioclamide (INN) and its salts		5486-77-1															19
Nalorphine	200-546-1	62-67-9	Nalorphine (INN), its salts and ethers	200-546-1	62-67-9															20
Amphetamine	206-096-2	300-62-9	Sympathomimetic amines acting on the central nervous system: any substance contained in the first list of medicaments which are subject to medical prescription and are referred to in resolution AP (69) 2 of the Council of Europe	206-096-2	300-62-9															21
Aniline	200-539-3	62-53-3	Aniline, its salts and its halogenated and sulphonated derivatives,	200-539-3,	62-53-3	y														22
			Betoxycaine (INN) and its salts		3818-62-0															23
Zoxazolamine	200-519-4	61-80-3	Zoxazolamine (INN)	200-519-4	61-80-3															24
Procainamide	200-078-8	51-06-9	Procainamide (INN), its salts and derivatives	200-078-8	51-06-9															25
Benzidine	202-199-1	92-87-5	Benzidine	202-199-1,	92-87-5		6													26
Tuaminoheptane	204-655-5	123-82-0	Tuaminoheptane (INN), its isomers and salts	204-655-5	123-82-0															27
Octodrine	208-851-1	543-82-8	Octodrine (INN) and its salts	208-851-1	543-82-8															28
			2-Amino-1,2-bis(4-methoxyphenyl)ethanol and its salts		530-34-7															29
1,3-dimethylpentylamine	203-296-1	105-41-9	1,3-Dimethylpentylamine and its salts	203-296-1	105-41-9															30
4-aminosalicylic acid	200-613-5	65-49-6	4-Aminosalicylic acid and its salts	200-613-5	65-49-6															31
Toluidine	248-105-2	26915-12-8	Toluidines, their isomers, salts and	248-105-2	26915-12-8															32

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			halogenated and sulphonated derivatives																
Xylidine	215-091-4	1300-73-8	Xylidines, their isomers, salts and halogenated and sulphonated derivatives	215-091-4	1300-73-8	y													33
9-(3-methylbut-2-enyloxy)-7H-furo[3,2-g]chromen-7-one	207-581-1	482-44-0	Imperatorin (9-(3-methylbut-2-enyloxy)furo[3,2-g]chromen-7-one)	207-581-1	482-44-0														34
Ammi majus, ext.	291-072-4	90320-46-0	Ammi majus L. and its galenical preparations	291-072-4	90320-46-0														35
			2,3-Dichloro-2-methylbutane		507-45-9														36
			Substances with androgenic effect																37
Anthracene	204-371-1	120-12-7	Anthracene oil	204-371-1	120-12-7	y													38
			Antibiotics																39
Antimony	231-146-5	7440-36-0	Antimony (Sb), Antimony and its compounds, Antimony (Sb)	231-146-5,	7440-36-0	y						1	1						40
			Antimony (Sb), Antimony and its compounds, Antimony (Sb)	231-146-5,	7440-36-0							1	1						40
Apocynum cannabinum, ext.	283-253-1	84603-51-0	Apocynum cannabinum L. and its preparations	283-253-1	84603-51-0														41
Apomorphine	200-360-0	58-00-4	Apomorphine ((R) 5,6,6a,7-tetrahydro-6-methyl-4H-dibenzo[de,g]quinoline-10,11-diol) and its salts	200-360-0	58-00-4														42
Diarsenic trioxide	215-481-4	1327-53-3, 7440-38-2	Arsenic (As), Arsenic and its compounds	231-148-6,	7440-38-2	y						1							43
Arsenic	231-148-6	7440-38-2	Arsenic (As), Arsenic and its compounds	231-148-6,	7440-38-2							1							43
Belladonna, ext.	232-365-9	8007-93-0	Atropa belladonna L. and its preparations	232-365-9	8007-93-0														44
Atropine	200-104-8	51-55-8	Atropine, its salts and derivatives	200-104-8	51-55-8														45
			Barium salts, with the exception of barium sulphide under the conditions laid down in Annex III, and of barium sulfate, lakes, salts and																46

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			pigments prepared from colouring agents when listed in Annex IV																
Benzene	200-753-7	71-43-2, 1076-43-3	Benzene	200-753-7	71-43-2	y								47		y		y	
2-hydroxybenzimidazole	210-412-4	615-16-7	Benzimidazol-2(3H)-one	210-412-4	615-16-7	y								48					
			Benzazepines and benzodiazepines		12794-10-4									49					
1-[(dimethylamino)methyl]-1-methylpropyl benzoate	211-411-1	644-26-8	1-Dimethylamino methyl-1-methylpropyl benzoate (amylocaine) and its salts	211-411-1	644-26-8									50					
			2,2,6-Trimethyl-4-piperidyl benzoate (eucaïne) and its salts		500-34-5									51					
Isocarboxazid	200-438-4	59-63-2	Isocarboxazid (INN)	200-438-4	59-63-2									52					
Bendroflumethiazide	200-800-1	73-48-3	Bendroflumethiazide (INN) and its derivatives	200-800-1	73-48-3									53					
Beryllium	231-150-7	7440-41-7	Beryllium and its compounds	231-150-7	7440-41-7	y								54	y	y		y	
Bromine	231-778-1	7726-95-6	Bromine, elemental	231-778-1	7726-95-6	y								55					y
Bretylium tosilate	200-516-8	61-75-6	Bretylium tosilate (INN)	200-516-8	61-75-6									56					
Carbromal	201-046-6	77-65-6	Carbromal (INN)	201-046-6	77-65-6									57					
Bromisoval	207-825-7	496-67-3	Bromisoval (INN)	207-825-7	496-67-3									58					
Brompheniramine	201-657-8	86-22-6	Brompheniramine (INN) and its salts	201-657-8	86-22-6									59					
Benzilium bromide	213-885-5	1050-48-2	Benzilium bromide (INN)	213-885-5	1050-48-2									60					
Tetrylammonium bromide	200-769-4	71-91-0	Tetrylammonium bromide (INN)	200-769-4	71-91-0	y								61					
Brucine	206-614-7	357-57-3	Brucine	206-614-7	357-57-3									62					
Tetracaine	202-316-6	94-24-6	Tetracaine (INN) and its salts	202-316-6	94-24-6									63					
Mofebutazone	218-641-1	2210-63-1	Mofebutazone (INN)	218-641-1	2210-63-1									64					
Tolbutamide	200-594-3	64-77-7	Tolbutamide (INN)	200-594-3	64-77-7									65					
Carbutamide	206-424-4	339-43-5	Carbutamide (INN)	206-424-4	339-43-5									66					
Phenylbutazone	200-029-0	50-33-9	Phenylbutazone (INN)	200-029-0	50-33-9									67					
Cadmium	231-152-8	7440-43-9	Cadmium (Cd), Cadmium and its compounds, Cadmium (Cd)	231-152-8,	7440-43-9	y				3				68		y	y		y
Lytta vesicatoria, ext.	296-298-7	92457-17-5	Cantharides, Cantharis vesicatoria	296-298-7	92457-17-5									69					
(1R,2S,3R,6S)-1,2-dimethyl-3,6-epoxycyclohexane	200-263-3	56-25-7	Cantharidine	200-263-3	56-25-7									70					

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exane-1,2-dicarboxylic anhydride																			
Phenprobamate	211-606-1	673-31-4	Phenprobamate (INN)	211-606-1	673-31-4														71
			Nitroderivatives of carbazole																72
Carbon disulphide	200-843-6	75-15-0	Carbon disulphide	200-843-6	75-15-0	y													73
Catalase	232-577-1	9001-05-2	Catalase	232-577-1	9001-05-2														74
Cephaeline	207-591-6	483-17-0	Cephaeline and its salts	207-591-6	483-17-0														75
			Chenopodium ambrosioides L. (essential oil)		8006-99-3														76
2,2,2-trichloroethane-1,1-diol	206-117-5	302-17-0	2,2,2-Trichloroethane-1,1-diol	206-117-5	302-17-0	y													77
Chlorine	231-959-5	7782-50-5	Chlorine	231-959-5	7782-50-5	y													78
Chlorpropamide	202-314-5	94-20-2	Chlorpropamide (INN)	202-314-5	94-20-2														79
			4-Phenylazophenylene-1,3-diamine citrate hydrochloride (chrysoidine citrate hydrochloride)		5909-04-6														81
Chlorzoxazone	202-403-9	95-25-0	Chlorzoxazone (INN)	202-403-9	95-25-0														82
Crimidine	208-622-6	535-89-7	2-Chloro-6-methylpyrimidin-4-yl dimethylamine (crimidine-ISO)	208-622-6	535-89-7														83
Chlorprothixene	204-032-8	113-59-7	Chlorprothixene (INN) and its salts	204-032-8	113-59-7														84
Clofenamide	211-588-5	671-95-4	Clofenamide (INN)	211-588-5	671-95-4														85
			N,N-bis(2-chloroethyl)methylamine N-oxide and its salts		126-85-2														86
Chlormethine	200-120-5	51-75-2	Chlormethine (INN) and its salts	200-120-5	51-75-2														87
Cyclophosphamide	200-015-4	50-18-0	Cyclophosphamide (INN) and its salts	200-015-4	50-18-0														88
Mannomustine	209-404-3	576-68-1	Mannomustine (INN) and its salts	209-404-3	576-68-1														89
			Butanilicaine (INN) and its salts		3785-21-5														90
Chlormezanone	201-307-4	80-77-3	Chlormezanone (INN)	201-307-4	80-77-3														91
Triparanol	201-115-0	78-41-1	Triparanol (INN)	201-115-0	78-41-1														92
Chlorophacinone	223-003-0	3691-35-8	2-[2(4-Chlorophenyl)-2-phenylacetyl]indane-1,3-dione (chlorophacinone-ISO)	223-003-0	3691-35-8														93
Ethanamine, 2-(1-(4-chlorophenyl)-1-phenylethoxy	616-456-4	77-38-3	Chlorphenoxamine (INN)		77-38-3	y													94

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y)-N,N-dimethyl-																			
Phenaglycolol	201-235-3	79-93-6	Phenaglycolol (INN)	201-235-3	79-93-6														95
Chloroethane	200-830-5	75-00-3	Chloroethane	200-830-5	75-00-3	y													96
Chromium	231-157-5	7440-47-3	Chromium (Cr) (VI)6, Chromium; chromic acid and its salts, Chromium (tot)	231-157-5,	7440-47-3	y													5 97
Ergot, Claviceps purpurea, ext.	283-885-8	84775-56-4	Claviceps purpurea Tul., its alkaloids and galenical preparations	283-885-8	84775-56-4														98
Hemlock (poison), ext.	285-527-6	85116-75-2	Conium maculatum L. (fruit, powder, galenical preparations)	285-527-6	85116-75-2														99
Glycyclamide	211-557-6	664-95-9	Glycyclamide (INN)	211-557-6	664-95-9														100
			Cobalt benzenesulphonate		23384-69-2														101
Colchicine	200-598-5	64-86-8	Colchicine, its salts and derivatives	200-598-5	64-86-8	y													102
Colchicoside	207-513-0	477-29-2	Colchicoside and its derivatives	207-513-0	477-29-2	y													103
Colchicum autumnale, ext.	283-623-2	84696-03-7	Colchicum autumnale L. and its galenical preparations	283-623-2	84696-03-7														104
Convallatoxin	208-086-3	508-75-8	Convallatoxin	208-086-3	508-75-8														105
			Anamirta cocculus L. (fruit)																106
Croton Geayi	679-592-3	8001-28-3	Croton tiglium L. (oil)		8001-28-3														107
			1-Butyl-3-(N-crotonoylsulphanilyl)urea		52964-42-8														108
Curare	232-511-1	8063-06-7	Curare and curarine	232-511-1	8063-06-7														109
Curarine	244-880-6	22260-42-0	Curare and curarine	244-880-6	22260-42-0														109
			Synthetic curarizants																110
Hydrogen cyanide	200-821-6	74-90-8	Hydrogen cyanide and its salts	200-821-6	74-90-8	y													111
			Feclimine (INN); 2-(alpha-Cyclohexylbenzyl)-N,N',N'-tetraethyl-1,3-propanediamine		3590-16-7														112
Cyclomenol	227-002-6	5591-47-9	Cyclomenol (INN) and its salts	227-002-6	5591-47-9														113
			Sodium hexacyclonate (INN)		7009-49-6														114
Hexapropymate	206-618-9	358-52-1	Hexapropymate (INN)	206-618-9	358-52-1														115
			O,O'-Diacetyl-N-allyl-N-normorphine		2748-74-5														117

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			ambenonium chloride (INN)																
Methypyrilon	204-745-4	125-64-4	Methypyrilon (INN) and its salts	204-745-4	125-64-4														133
Digitalin	212-036-6	752-61-4	Digitaline and all heterosides of Digitalis purpurea L.	212-036-6	752-61-4														134
			7-[2-Hydroxy-3-(2-hydroxyethyl-N-methylamino)propyl]theophylline (xanthinol)		2530-97-4														135
Dioxethedrin	207-849-8	497-75-6	Dioxethedrin (INN) and its salts	207-849-8	497-75-6														136
Piprocuarium iodide	222-627-0	3562-55-8	Piprocuarium iodide (INN)	222-627-0	3562-55-8														137
Propyphenazone	207-539-2	479-92-5	Propyphenazone (INN)	207-539-2	479-92-5														138
Tetrabenazine	200-383-6	58-46-8	Tetrabenazine (INN) and its salts	200-383-6	58-46-8														139
Captodiame	207-629-1	486-17-9	Captodiame (INN)	207-629-1	486-17-9														140
			Mefeclozazine (INN) and its salts		1243-33-0														141
Dimethylamine	204-697-4	124-40-3	Dimethylamine	204-697-4	124-40-3	y													142
1,1-bis(dimethylaminomethyl)propyl benzoate	213-512-6	963-07-5	1,1-Bis(dimethylaminomethyl)propyl benzoate (amydricine, alypine) and its salts	213-512-6	963-07-5														143
Methapyrilene	202-099-8	91-80-5	Methapyrilene (INN) and its salts	202-099-8	91-80-5														144
Metamfepramone	239-384-1	15351-09-4	Metamfepramone (INN) and its salts	239-384-1	15351-09-4														145
Amitriptyline	200-041-6	50-48-6	Amitriptyline (INN) and its salts	200-041-6	50-48-6	y													146
Metformin	211-517-8	657-24-9	Metformin (INN) and its salts	211-517-8	657-24-9														147
Isosorbide dinitrate	201-740-9	87-33-2	Isosorbide dinitrate (INN)	201-740-9	87-33-2	y													148
Malononitrile	203-703-2	109-77-3	Malononitrile	203-703-2	109-77-3	y													149
Succinonitrile	203-783-9	110-61-2	Succinonitrile	203-783-9	110-61-2	y													150
2,4-dinitrophenol	200-087-7	51-28-5	Dinitrophenol isomers	200-087-7	51-28-5	y													151
2,5-dinitrophenol	206-348-1	329-71-5	Dinitrophenol isomers	206-348-1	329-71-5														151
2,6-dinitrophenol	209-357-9	573-56-8	Dinitrophenol isomers	209-357-9	573-56-8														151
Dinitrophenol	247-096-2	25550-58-7	Dinitrophenol isomers	247-096-2	25550-58-7														151
			Inproquone (INN)		436-40-8														152
Dimevamide	200-479-8	60-46-8	Dimevamide (INN) and its salts	200-479-8	60-46-8														153
Diphenylpyraline	205-686-7	147-20-6	Diphenylpyraline (INN) and its salts	205-686-7	147-20-6														154
Sulfipyrazone	200-357-4	57-96-5	Sulfipyrazone (INN)	200-357-4	57-96-5														155

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Isopropamide iodide	200-766-8	71-81-8	N-(3-Carbamoyl-3,3-diphenylpropyl)-N,N-diisopropylmethylammonium salts, e. g. isopropamide iodide (INN)	200-766-8	71-81-8															156
Benactyzine	206-123-8	302-40-9	Benactyzine (INN)	206-123-8	302-40-9															157
			Benzatropine (INN) and its salts		86-13-5															158
Cyclizine	201-445-5	82-92-8	Cyclizine (INN) and its salts	201-445-5	82-92-8															159
Doxenitoin	221-851-6	3254-93-1	5,5-Diphenyl-4-imidazolidone (Doxenitoin (INN))	221-851-6	3254-93-1															160
Probenecid	200-344-3	57-66-9	Probenecid (INN)	200-344-3	57-66-9															161
Disulfiram	202-607-8	97-77-8	Disulfiram (INN); thiram (INN)	202-607-8, 205-286-2	137-26-8, 97-77-8	y														162
Thiram	205-286-2	137-26-8	Disulfiram (INN); thiram (INN)	205-286-2, 202-607-8	97-77-8, 137-26-8	y														162
Emetine	207-592-1	483-18-1	Emetine, its salts and derivatives	207-592-1	483-18-1															163
Ephedrine	206-080-5	299-42-3	Ephedrine and its salts	206-080-5	299-42-3	y														164
			Oxanamide (INN) and its derivatives		126-93-2															165
Physostigmine	200-332-8	57-47-6	Eserine or physostigmine and its salts	200-332-8	57-47-6															166
4-aminobenzoic acid	205-753-0	150-13-0	Esters of 4-aminobenzoic acid, with the free amino group, with the exception of that given in Annex VI	205-753-0	150-13-0	y														167
Choline chloride	200-655-4	67-48-1	Choline salts and their esters, e. g. choline chloride (INN)	200-655-4	67-48-1	y														168
Caramiphen	201-013-6	77-22-5	Caramiphen (INN) and its salts	201-013-6	77-22-5															169
Diethyl 4-nitrophenyl phosphate	206-221-0	311-45-5	Diethyl 4-nitrophenyl phosphate (Paraoxon - ISO)	206-221-0	311-45-5															170
			Metethoheptazine (INN) and its salts		509-84-2															171
			Oxpheperidine (INN) and its salts		546-32-7															172
Ethoheptazine	201-007-3	77-15-6	Ethoheptazine (INN) and its salts	201-007-3	77-15-6															173
			Metheptazine (INN) and its salts		469-78-3															174
Methylphenidate	204-028-6	113-45-1	Methylphenidate (INN) and its salts	204-028-6	113-45-1															175

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Hexachloroethane	200-666-4	67-72-1	Hexachloroethane	200-666-4	67-72-1														197
			Hexachloroethane	200-666-4	67-72-1														197
(1 α ,4 α ,4 $\alpha\beta$,5 β ,8 β 8 $\alpha\beta$)-1,2,3,4,10,10-hexachloro-1,4,4 α ,5,8,8 α -hexahydro-1,4:5,8-dimethanonaphthalene	207-366-2	465-73-6	(1R,4S,5R,8S)-1,2,3,4,10,10-Hexachloro-1,4,4 α ,5,8,8 α -hexahydro-1,4:5,8-dimethanonaphthalene (Isodrin-ISO)	207-366-2	465-73-6														198
Hydrastine	204-233-0	118-08-1	Hydrastine, hydrastinine and their salts	204-233-0	118-08-1														199
Hydrastinine	229-533-9	6592-85-4	Hydrastine, hydrastinine and their salts	229-533-9	6592-85-4														199
Isoniazid	200-214-6	54-85-3	Hydrazides and their salts e.g. Isoniazid (INN)	200-214-6	54-85-3														200
Hydrazine	206-114-9	302-01-2, 7803-57-8	Hydrazine, its derivatives and their salts	206-114-9	302-01-2	y													201
			Octamoxin (INN) and its salts		4684-87-1														202
Warfarin	201-377-6	81-81-2	Warfarin (INN) and its salts	201-377-6	81-81-2	y													203
Ethyl biscoumate	208-940-5	548-00-5	Ethyl bis(4-hydroxy-2-oxo-1-benzopyran-3-yl)acetate and salts of the acid	208-940-5	548-00-5														204
Methocarbamol	208-524-3	532-03-6	Methocarbamol (INN)	208-524-3	532-03-6														205
Propatynitrate	220-866-5	2921-92-8	Propatynitrate (INN)	220-866-5	2921-92-8														206
			4,4'-Dihydroxy-3,3'-(3-methylthiopyridene) dicoumarin																207
			Fenadiazole (INN)		1008-65-7														208
Nitroxoline	223-662-4	4008-48-4	Nitroxoline (INN) and its salts	223-662-4	4008-48-4														209
Hyoscyamine	202-933-0	101-31-5	Hyoscyamine, its salts and derivatives	202-933-0	101-31-5														210
Hyoscyamus niger, ext.	283-265-7	84603-65-6	Hyoscyamus niger L. (leaves, seeds, powder and galenical preparations)	283-265-7	84603-65-6														211
Pemoline	218-438-8	2152-34-3	Pemoline (INN) and its salts	218-438-8	2152-34-3														212
Iodine	231-442-4	7553-56-2	Iodine	231-442-4	7553-56-2	y													213
Decamethonium bromide	208-772-2	541-22-0	Decamethylenbis(trimethylammonium) salts, e. g. decamethonium bromide (INN)	208-772-2	541-22-0														214
Ipecac	232-385-8	8012-96-2	Ipecacuanha (Cephaelis ipecacuanha Brot. and	232-385-8	8012-96-2														215

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			related species) (roots, powder and galenical preparations)																
(2-isopropylpent-4-enyl)urea	208-443-3	528-92-7	(2-Isopropylpent-4-enyl)urea (apronalide)	208-443-3	528-92-7														216
(3S,3aS,5aS,9bS)-2,3,3a,4,5,5a,8,9b-octahydro-3,5a,9-trimethylnaphtho[1,2-b]furan-2,8-dione	207-560-7	481-06-1	α-Santonin [(3S,5aR,9bS)-3,3a,4,5,5a,9b-hexahydro-3,5a,9-trimethylnaphtho[1,2-b]furan-2,8-dione]	207-560-7	481-06-1														217
Lobelia inflata, ext.	283-642-6	84696-23-1	Lobelia inflata L. and its galenical preparations	283-642-6	84696-23-1														218
Lobeline	202-012-3	90-69-7	Lobeline (INN) and its salts	202-012-3	90-69-7														219
			Barbiturates																220
Mercury	231-106-7	7439-97-6	Mercury (Hg), Mercury and its compounds, except those special cases included in Annex V, Mercury (Hg)	231-106-7,	7439-97-6	y					7								221
3,4,5-trimethoxyphenethylamine	200-190-7	54-04-6	3,4,5-Trimethoxyphenethylamine (Mescaline) and its salts	200-190-7	54-04-6														222
Acetaldehyde, homopolymer	618-341-4	9002-91-9	Metalddehyde		9002-91-9														223
			2-(4-Allyl-2-methoxyphenoxy)-N,N-diethylacetamide and its salts		305-13-5														224
Coumetarol	224-455-1	4366-18-1	Coumetarol (INN)	224-455-1	4366-18-1														225
Dextromethorphan	204-752-2	125-71-3	Dextromethorphan (INN) and its salts	204-752-2	125-71-3														226
			2-Methylheptylamine and its salts		540-43-2														227
Isometheptene	207-959-6	503-01-5	Isometheptene (INN) and its salts	207-959-6	503-01-5	y													228
Mecamylamine	200-476-1	60-40-2	Mecamylamine (INN)	200-476-1	60-40-2														229
Guaifenesin	202-222-5	93-14-1	Guaifenesin (INN)	202-222-5	93-14-1														230
Dicoumarol	200-632-9	66-76-2	Dicoumarol (INN)	200-632-9	66-76-2														231
Phenmetrazine	205-143-4	134-49-6	Phenmetrazine (INN), its derivatives and salts	205-143-4	134-49-6														232
Thiamazole	200-482-4	60-56-0	Thiamazole (INN)	200-482-4	60-56-0	y													233
3,4-dihydro-2-methoxy-2-methyl-4-phenylpyranol[3,2-	208-248-3	518-20-7	3,4-Dihydro-2-methoxy-2-methyl-4-phenyl-2H,5H-pyrano	208-248-3	518-20-7														234

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c]chromen-5-one			[3,2-c]-[1] benzopyran-5-one (cyclocoumarol)																	
Carisoprodol	201-118-7	78-44-4	Carisoprodol (INN)	201-118-7	78-44-4															235
Meprobamate	200-337-5	57-53-4	Meprobamate (INN)	200-337-5	57-53-4															236
			Tefazoline (INN) and its salts		1082-56-0															237
Arecoline	200-565-5	63-75-2	Arecoline	200-565-5	63-75-2															238
Poldine metilsulfate	208-894-6	545-80-2	Poldine metilsulfate (INN)	208-894-6	545-80-2															239
Hydroxyzine	200-693-1	68-88-2	Hydroxyzine (INN)	200-693-1	68-88-2															240
2-naphthol	205-182-7	135-19-3	2-Naphthol	205-182-7	135-19-3		y													241
2-naphthylamine	202-080-4	91-59-8	2-naphthylamine, 1-and 2-Naphthylamines and their salts, 2-Naphthylamine	202-080-4,	91-59-8				19											242
1-naphthylamine	205-138-7	134-32-7	1-and 2-Naphthylamines and their salts	205-138-7	134-32-7		y													242
			3-(1-Naphthyl)-4-hydroxycoumarin		39923-41-6															243
Naphazoline	212-641-5	835-31-4	Naphazoline (INN) and its salts	212-641-5	835-31-4															244
Neostigmine bromide	204-054-8	114-80-7	Neostigmine and its salts e. g. neostigmine bromide (INN)	204-054-8	114-80-7															245
Nicotine	200-193-3	54-11-5	Nicotine and its salts	200-193-3	54-11-5		y													246
nicotine	686-240-2	54-11-5	Nicotine and its salts	200-193-3	54-11-5															246
"amyl nitrite", mixed isomers	203-770-8	110-46-3, 463-04-7	Amyl nitrites	203-770-8	110-46-3															247
			Inorganic nitrites, with the exception of sodium nitrite		14797-65-0															248
Nitrobenzene	202-716-0	98-95-3	Nitrobenzene	202-716-0	98-95-3		y													249
			Nitroresols and their alkali metal salts		12167-20-3															250
Nitrofurantoin	200-646-5	67-20-9	Nitrofurantoin (INN)	200-646-5	67-20-9															251
Furazolidone	200-653-3	67-45-8	Furazolidone (INN)	200-653-3	67-45-8															252
Glycerol trinitrate	200-240-8	55-63-0	Nitroglycerin; Propane-1,2,3-triyl trinitrate	200-240-8	55-63-0		y													253
Acenocoumarol	205-807-3	152-72-7	Acenocoumarol (INN)	205-807-3	152-72-7															254
Disodium pentacyanonitrosylferrate	238-373-9	13755-38-9, 14402-89-2	Alkali pentacyanonitrosylferrate (2-) e.g.	238-373-9,	14402-89-2, 13755-38-9															255
Nitroprusid sodný dihydrát	604-025-3	13755-38-9	Alkali pentacyanonitrosylferrate (2-) e.g.		13755-38-9															255

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1 di-3-methylphenyl Phosphate and tris(3-methylphenyl)phosphate																			
Psilocybine	208-294-4	520-52-5	Psilocybine (INN)	208-294-4	520-52-5														278
Phosphorus	231-768-7	7723-14-0, 12185-10-3	Phosphorus and metal phosphides	231-768-7	7723-14-0	y													279
Thalidomide	200-031-1	50-35-1	Thalidomide (INN) and its salts	200-031-1	50-35-1														280
Calabar bean, ext.	289-638-0	89958-15-6	Physostigma venenosum Balf.	289-638-0	89958-15-6														281
Picrotoxin	204-716-6	124-87-8	Picrotoxin	204-716-6	124-87-8														282
Pilocarpine	202-128-4	92-13-7	Pilocarpine and its salts	202-128-4	92-13-7														283
			α-Piperidin-2-ylbenzyl acetate, laevorotatory threoform (levofacetoperane (INN)) and its salts		24558-01-8														284
Pipradrol	207-394-5	467-60-7	Pipradrol (INN) and its salts	207-394-5	467-60-7														285
Azacyclonol	204-092-5	115-46-8	Azacyclonol (INN) and its salts	204-092-5	115-46-8	y													286
Bietamiverin	207-538-7	479-81-2	Bietamiverine (INN)	207-538-7	479-81-2														287
Butopiprine	259-848-7	55837-15-5	Butopiprine (INN) and its salts	259-848-7	55837-15-5														288
Lead monoxide	215-267-0	1317-36-8, 7439-92-1	Lead (Pb), Lead and its compounds, Lead (Pb)	231-100-4,	7439-92-1	y				9									289
Lead	231-100-4	7439-92-1	Lead (Pb), Lead and its compounds, Lead (Pb)	231-100-4,	7439-92-1	y				9									289
Coniine	207-282-6	458-88-8	Coniine	207-282-6	458-88-8														290
Cherry laurel, ext.	289-689-9	89997-54-6	Prunus laurocerasus L. ('cherry laurel water')	289-689-9	89997-54-6														291
Metyrapone	200-206-2	54-36-4	Metyrapone (INN)	200-206-2	54-36-4														292
			Radioactive substances, as defined by Directive 96/29/Euratom (1) laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionising radiation																293
Juniper, Juniperus sabina, ext.	289-971-1	90046-04-1	Juniperus sabina L. (leaves, essential oil)	289-971-1	90046-04-1														294

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			and galenical preparations)																
Hyoscine	200-090-3	51-34-3	Hyoscine, its salts and derivatives	200-090-3	51-34-3	y													295
			Gold salts																296
Selenium	231-957-4	7782-49-2	Selenium (Se), Selenium and its compounds with the exception of selenium disulphide under the conditions set out under reference No 49 in Annex III, Selenium (Se)	231-957-4	7782-49-2	y				10									297
Solanum nigrum, ext.	284-555-6	84929-77-1	Solanum nigrum L. and its galenical preparations	284-555-6	84929-77-1														298
Sparteine	201-988-8	90-39-1	Sparteine (INN) and its salts	201-988-8	90-39-1														299
			Glucocorticoids (Corticosteroids)																300
Datura stramonium, ext.	283-627-4	84696-08-2	Datura stramonium L. and its galenical preparations	283-627-4	84696-08-2														301
Strophanthin	234-239-9	11005-63-3	Strophantines, their aglucones and their respective derivatives	234-239-9	11005-63-3														302
			Strophantus species and their galenical preparations																303
Strychnine	200-319-7	57-24-9	Strychnine and its salts	200-319-7	57-24-9														304
			Strychnos species and their galenical preparations																305
			Narcotics, natural and synthetic: All substances listed in Tables I and II of the single Convention on narcotic drugs signed in New York on 30 March 1961																306
			Sulphonamides (sulphanilamide and its derivatives obtained by substitution of one or more H-atoms of the -NH ₂ groups) and their salts																307
Sultiame	200-511-0	61-56-3	Sultiame (INN)	200-511-0	61-56-3														308
Neodymium	231-109-3	7440-00-8	Neodymium and its salts	231-109-3	7440-00-8	y													309

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Thiotepa	200-135-7	52-24-4	Thiotepa (INN)	200-135-7	52-24-4															310
Pilocarpus jaborandi, ext.	283-649-4	84696-42-4	Pilocarpus jaborandi Holmes and its galenical preparations	283-649-4	84696-42-4															311
Tellurium	236-813-4	13494-80-9	Tellurium and its compounds	236-813-4	13494-80-9	y														312
Xylometazoline	208-390-6	526-36-3	Xylometazoline (INN) and its salts	208-390-6	526-36-3															313
Tetrachloroethylene	204-825-9	127-18-4	Tetrachloroethylene	204-825-9	127-18-4	y														314
Carbon tetrachloride	200-262-8	56-23-5	Carbon tetrachloride	200-262-8	56-23-5	y														315
Hexaethyl tetraphosphate	212-057-0	757-58-4	Hexaethyl tetraphosphate	212-057-0	757-58-4															316
Thallium	231-138-1	7440-28-0	Thallium and its compounds, Thallium (Tl)	231-138-1,	7440-28-0															317
Thallium nitrate	233-273-1	7440-28-0, 10102-45-1	Thallium and its compounds, Thallium (Tl)	231-138-1,	7440-28-0															317
Yellow oleander, ext.	290-446-4	90147-54-9	Thevetia nerifolia Juss., glycoside extract	290-446-4	90147-54-9															318
Ethionamide	208-628-9	536-33-4	Ethionamide (INN)	208-628-9	536-33-4															319
Phenothiazine	202-196-5	92-84-2	Phenothiazine (INN) and its compounds	202-196-5	92-84-2	y														320
Thiourea	200-543-5	62-56-6	Thiourea and its derivatives, with the exception of the one listed in Annex III	200-543-5	62-56-6	y														321
Mephesisin	200-427-4	59-47-2	Mephesisin (INN) and its esters	200-427-4	59-47-2															322
			Vaccines, toxins or serums defined as immunological medicinal products pursuant to Article 1(4) of Directive 2001/83/EC																	323
Tranlycypromine	205-841-9	155-09-9	Tranlycypromine (INN) and its salts	205-841-9	155-09-9															324
Trichloronitromethane	200-930-9	76-06-2	Trichloronitromethane (chloropicrine)	200-930-9	76-06-2															325
2,2,2-tribromoethanol	200-903-1	75-80-9	2,2,2-Tribromoethanol (tribromoethyl alcohol)	200-903-1	75-80-9															326
Tris(2-chloroethyl)amine hydrochloride	212-442-3	817-09-4	Trichlormethine (INN) and its salts	212-442-3	817-09-4															327
Tretamine	200-083-5	51-18-3	Tretamine (INN)	200-083-5	51-18-3															328
Gallamine triethiodide	200-605-1	65-29-2	Gallamine triethiodide (INN)	200-605-1	65-29-2															329
Urginea maritima, ext.	283-520-2	84650-62-4	Urginea scilla Steinh. and its	283-520-2	84650-62-4															330

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N,N-dimethylformamide	200-679-5	68-12-2	Dimethylformamide (N,N-Dimethylformamide)	200-679-5	68-12-2	y					355						y	y
4-phenylbutenone	204-555-1	122-57-6	4-Phenylbut-3-en-2-one (Benzylidene acetone)	204-555-1	122-57-6	y					356							
			Benzoates of 4-hydroxy-3-methoxycinnamyl alcohol (coniferyl alcohol) except for normal content in natural essences used								357							
9-methoxyfuro[3,2-g]chromen-7-one	206-066-9	298-81-7	Furocoumarins (e. g. trioxysalen (INN), 8-methoxypsoralen, 5-methoxypsoralen) except for normal content in natural essences used. In sun protection and in bronzing products, furocoumarins shall be below 1 mg/kg	206-066-9	298-81-7						358							
4-methoxy-7H-furo[3,2-g][1]benzopyran-7-one	207-604-5	484-20-8	Furocoumarins (e. g. trioxysalen (INN), 8-methoxypsoralen, 5-methoxypsoralen) except for normal content in natural essences used. In sun protection and in bronzing products, furocoumarins shall be below 1 mg/kg	207-604-5	484-20-8						358							
Trioxysalen	223-459-0	3902-71-4	Furocoumarins (e. g. trioxysalen (INN), 8-methoxypsoralen, 5-methoxypsoralen) except for normal content in natural essences used. In sun protection and in bronzing products, furocoumarins shall be below 1 mg/kg	223-459-0	3902-71-4						358							

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Laurus nobilis, ext.	283-272-5	8002-41-3, 8007-48-5, 84603-73-6	Oil from the seeds of Laurus nobilis L.	283-272-5	84603-73-6	y												359	
5-allyl-1,3-benzodioxole	202-345-4	94-59-7	Safrole except for normal content in the natural essences used and provided the concentration does not exceed: 100 ppm in the finished product, 50 ppm in products for dental and oral hygiene, and provided that Safrole is not present in toothpastes intended specifically for children	202-345-4	94-59-7													360	y
5,5'-diisopropyl-2,2'-dimethylbiphenyl-4,4'-diyl dihydroiodide	209-007-5	552-22-7	5,5'-Di-isopropyl-2,2'-dimethylbiphenyl-4,4'-diyl dihydroiodide (thymol iodide)	209-007-5	552-22-7													361	
7-acetyl-6-ethyl-1,2,3,4-tetrahydro-1,1,4,4-tetramethyl naphthalene	201-817-7	88-29-9	3'-Ethyl-5',6',7',8'-tetrahydro-5',5',8',8'-tetramethyl-2'-acetonaphthone or 7-acetyl-1,1,4,4-tetramethyl-1,2,3,4-tetrahydronaphthalene (AETT; Versalide)	201-817-7	88-29-9													362	
o-phenylenediamine	202-430-6	95-54-5	o-Phenylenediamine and its salts	202-430-6	95-54-5	y												363	y y y
4-methyl-m-phenylenediamine	202-453-1	95-80-7	4-methyl-m-phenylenediamine, 4-Methyl-m-phenylenediamine (Toluene-2,4-diamine) and its salts, 4-Methyl-m-phenylenediamine	202-453-1,	95-80-7	y	18											364	y y y y
8-methoxy-3,4-methylenedioxy-10-nitrophenanthrene-1-carboxylic acid	206-238-3	313-67-7	Aristolochic acid and its salts; Aristolochia spp. and their preparations	206-238-3	313-67-7													365	
6-nitrophenanthro[3,4-d]-1,3-dioxole-	207-499-6	475-80-9	Aristolochic acid and its salts; Aristolochia	202-499-6	475-80-9													365	

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5-carboxylic acid			spp. and their preparations																
			Aristolochic acid and its salts; Aristolochia spp. and their preparations		15918-62-4														365
Chloroform	200-663-8	67-66-3	Chloroform	200-663-8	67-66-3	y													366
2,3,7,8-tetrachlorodibenzo[b,e][1,4]dioxin	217-122-7	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	217-122-7	1746-01-6														367
2,6-dimethyl-1,3-dioxan-4-yl acetate	212-579-9	828-00-2	2,6-Dimethyl-1,3-dioxan-4-yl acetate (Dimethoxane)	212-579-9	828-00-2														368
Pyridine-2-thiol 1-oxide, sodium salt	223-296-5	3811-73-2	Pyrithione sodium (INN) (2)	223-296-5	3811-73-2	y													369
Captan	205-087-0	133-06-2	N-(Trichloromethylthio)-4-cyclohexene-1,2-dicarboximide (Captan - ISO)	205-087-0	133-06-2	y													370
Hexachlorophene	200-733-8	70-30-4	2,2'-Dihydroxy-3,3',5,5',6,6'-hexachlorodiphenylmethane (Hexachlorophene (INN))	200-733-8	70-30-4														371
Minoxidil	253-874-2	38304-91-5	6-(Piperidiny)-2,4-pyrimidinediamine 3-oxide (Minoxidil (INN)) and its salts	253-874-2	38304-91-5														372
Tribromsalan	201-723-6	87-10-5	3,4,5-Tribromosalicylanilide (Tribromsalan (INN))	201-723-6	87-10-5														373
[No public or meaningful name is available]	683-197-1	65497-07-6	Phytolacca spp. and their preparations		65497-07-6														374
			Phytolacca spp. and their preparations		60820-94-2														374
Tretinoin	206-129-0	302-79-4	Tretinoin (INN) (retinoic acid and its salts)	206-129-0	302-79-4														375
4-methoxy-m-phenylenediamine	210-406-1	615-05-4	4-methoxy-m-phenylenediamine, 1-Methoxy-2,4-diaminobenzene (2,4-diaminoanisole - CI 76050) and its salts, 4-Methoxy-mphenylenediamine	210-406-1,	615-05-4				14										376
2,5-diaminoanisole	226-161-9	5307-02-8	1-Methoxy-2,5-diaminobenzene (2,5-diaminoanisole) and its salts	226-161-9	5307-02-8														377
1-(2,4-dimethylphe	221-490-4	3118-97-6	Colouring agent CI	221-490-4,	3118-97-6	y				29									378

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nylazo)-2-naphthol			12140, Solvent Orange 7															
1-(2-methyl-4-(2-methylphenylazo)phenylazo)-2-naphthol	201-635-8	85-83-6	Colouring agent CI 26105 (Solvent Red 24), Solvent Red 24	201-635-8,	85-83-6	y		30		379								
p,p',p''-tris(dimethylamino)trityl alcohol	207-396-6	467-63-0	Colouring agent CI 42555 (Basic Violet 3) Colouring agent CI 42555:1 Colouring agent CI 42555:2, Solvent Violet 9	207-396-6,	467-63-0			32		380								
[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride	208-953-6	548-62-9	Colouring agent CI 42555 (Basic Violet 3) Colouring agent CI 42555:1 Colouring agent CI 42555:2, Basic Violet 3	208-953-6,	548-62-9	y		12		380			y			y		
Pentyl 4-(dimethylamino)benzoate	238-849-6	14779-78-3	Amyl 4-dimethylamino benzoate, mixed isomers (Padimate A (INN))	238-849-6	14779-78-3					381								
2-amino-4-nitrophenol	202-767-9	99-57-0	2-Amino-4-nitrophenol	202-767-9	99-57-0	y				383								
2-amino-5-nitrophenol	204-503-8	121-88-0	2-Amino-5-nitrophenol	204-503-8	121-88-0	y				384								
11- α -hydroxypregn-4-ene-3,20-dione	201-306-9	80-75-1	11- α -Hydroxypregn-4-ene-3,20-dione and its esters	201-306-9	80-75-1					385								
[4-[[4-(dimethylamino)phenyl][4-[ethyl(3-sulphonatobenzyl)amino]phenyl]methylene]cyclohexa-2,5-dien-1-ylidene](ethyl)(3-sulphonatobenzyl)ammonium, sodium salt	216-901-9	1694-09-3	Colouring agent CI 42640 ([4-[[4-(Dimethylamino)phenyl][4-[ethyl(3-sulphonatobenzyl)amino]phenyl]methylene]cyclohexa-2,5-dien-1-ylidene](ethyl)(3-sulphonatobenzyl)ammonium, sodium salt), Acid Violet 49	216-901-9,	1694-09-3			4		386			y					
Sodium 3-(p-anilinophenylazo)benzenesulphonate	209-608-2	587-98-4	Colouring agent CI 13065, Acid Yellow 36	209-608-2,	587-98-4	y		5		387								
Basic Violet 1	616-846-4	8004-87-3	Basic Violet 1, Colouring agent CI 42535 (Basic Violet 1)		8004-87-3			10		388								
1,4-bis(butylamino)anthraquinone	241-379-4	17354-14-2	Colouring agent CI 61554 (Solvent Blue	241-379-4,	17354-14-2	y		28		389								

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			35), Solvent Blue 35																
			Anti-androgens of steroidal structure																390
Zirconium	231-176-9	7440-67-7	Zirconium and its compounds, with the exception of the substances listed under reference number 50 in Annex III, and the zirconium lakes, pigments or salts of the colouring agents when listed in Annex IV	231-176-9	7440-67-7	y													391
Zirconium dinitrate oxide	237-529-3	7440-67-7, 13826-66-9, 14985-18-3	Zirconium and its compounds, with the exception of the substances listed under reference number 50 in Annex III, and the zirconium lakes, pigments or salts of the colouring agents when listed in Annex IV	231-176-9	7440-67-7	y													391
zirconium powder (non pyrophoric)	-	-	Zirconium and its compounds, with the exception of the substances listed under reference number 50 in Annex III, and the zirconium lakes, pigments or salts of the colouring agents when listed in Annex IV	231-176-9	7440-67-7														391
Acetonitrile	200-835-2	75-05-8	Acetonitrile	200-835-2	75-05-8	y													393
Tetryzoline	201-522-3	84-22-0	Tetrahydrozoline (Tetryzoline (INN)) and its salts	201-522-3	84-22-0														394
Bis(8-hydroxyquinolinium) sulphate	205-137-1	134-31-6, 207386-91-2	Hydroxy-8-quinoline and its sulphate, except for the uses provided for in No 51 in Annex III, Quinolin-8-ol and bis (8-hydroxy-quinolinium) sulphate	205-137-1	134-31-6														395
Quinolin-8-ol	205-711-1	148-24-3	Hydroxy-8-quinoline and	205-711-1	148-24-3	y													395

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			its sulphate, except for the uses provided for in No 51 in Annex III, Quinolin-8-ol and bis (8-hydroxy-quinolium) sulphate																		
[2,2'-dithiobis[pyridine] 1,1'-dioxide-O,O',S][sulphato(2-)-O]magnesium	256-115-3	43143-11-9	Dithio-2,2-bispyridine-dioxide 1,1' (additive with trihydrated magnesium sulphate) - (pyrithione disulphide + magnesium sulphate)	256-115-3	43143-11-9															396	
1-[(2,4-dinitrophenyl)azo]-2-naphthol	222-429-4	3468-63-1	Colouring agent CI 12075 (Pigment Orange 5) and its lakes, pigments and salts, Pigment Orange 5 , Pigment orange 5	222-429-4,	3468-63-1	y			24											397	y
			Pigment Orange 5 , Colouring agent CI 12075 (Pigment Orange 5) and its lakes, pigments and salts, Pigment orange 5	, 222-429-4	3468-63-1				24											397	y
9-(2-carboxyphenyl)-3,6-bis(diethylamino)xanthylum chloride	201-383-9	81-88-9	Colouring agent CI 45170 and CI 45170:1 (Basic Violet 10), Basic Violet 10, Basic violet 10	201-383-9,	81-88-9				11											398	y
3',6'-bis(diethylamino)spiro[isobenzofuran-1(3H),9'-[9H]xanthen-3-one	208-096-8	509-34-2	Colouring agent CI 45170 and CI 45170:1 (Basic Violet 10), Solvent Red 49	208-096-8,	509-34-2	y			31											398	
Lidocaine	205-302-8	137-58-6	Lidocaine (INN)	205-302-8	137-58-6															399	
1,2-epoxybutane	203-438-2	106-88-7	1,2-Epoxybutane	203-438-2	106-88-7	y														400	y y
Sodium 2-chloro-5-[(2-hydroxy-1-naphthyl)azo]toluene-4-sulphonate]	218-248-5	2092-56-0	Colouring agent CI 15585, Pigment Red 53, Pigment red 53	218-248-5,	2092-56-0				25											401	y
Barium bis[2-chloro-5-[(2-hydroxy-1-naphthyl)azo]toluene-4-sulphonate]	225-935-3	5160-02-1	Colouring agent CI 15585, Pigment red 53:1	225-935-3,	5160-02-1	y														401	y
Strontium dilactate	249-915-9	29870-99-3	Strontium lactate	249-915-9	29870-99-3															402	
Strontium nitrate	233-131-9	10042-76-9	Strontium nitrate	233-131-9	10042-76-9	y														403	

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			a fragrance ingredient																
7,11-dimethyldodeca-4,6,10-trien-3-one	247-878-3	26651-96-7	7,11-Dimethyl-4,6,10-dodecatrien-3-one (Pseudomethylionone), when used as a fragrance ingredient	247-878-3	26651-96-7	y													432
6,10-dimethylundeca-3,5,9-trien-2-one	205-457-1	141-10-6	6,10-Dimethyl-3,5,9-undecatrien-2-one (Pseudoionone), when used as a fragrance ingredient	205-457-1	141-10-6	y													433
Diphenylamine	204-539-4	122-39-4	Diphenylamine, when used as a fragrance ingredient	204-539-4	122-39-4	y													434
Ethyl acrylate	205-438-8	140-88-5	Ethyl acrylate, when used as a fragrance ingredient	205-438-8	140-88-5	y							y						435
Fig, ext.	289-868-1	68916-52-9, 90028-74-3	Fig leaf absolute (Ficus carica L.), when used as a fragrance ingredient		68916-52-9														436
[No public or meaningful name is available]	639-678-3	68916-52-9	Fig leaf absolute (Ficus carica L.), when used as a fragrance ingredient		68916-52-9														436
(E)-hept-2-enal	242-608-0	18829-55-5	trans-2-Heptenal, when used as a fragrance ingredient	242-608-0	18829-55-5														437
(E)-1,1-diethoxyhex-2-ene	266-989-8	67746-30-9	trans-2-Hexenal diethyl acetal, when used as a fragrance ingredient	266-989-8	67746-30-9														438
(E)-1,1-dimethoxyhex-2-ene	242-204-4	18318-83-7	trans-2-Hexenal dimethyl acetal, when used as a fragrance ingredient	242-204-4	18318-83-7														439
Tetradecahydro-7-isopropyl-1,4a-dimethylphenanthren-1-methanol	236-476-3	13393-93-6	Hydroabietyl alcohol, when used as a fragrance ingredient	236-476-3	13393-93-6														440
Decahydro-6-isopropyl-2-naphthol	251-841-7	34131-99-2	6-Isopropyl-2-decahydronaphthalenol, when used as a fragrance ingredient	251-841-7	34131-99-2														441
7-methoxycoumarin	208-513-3	531-59-9	7-Methoxycoumarin, when used as a fragrance ingredient	208-513-3	531-59-9														442
4-(4-methoxyphenyl)-3-butene-2-	213-404-9	943-88-4	4-(4-Methoxyphenyl)-3-butene-2-	213-404-9	943-88-4	y													443

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nyl)-3-buten-2-one			one (Anisylidene acetone), when used as a fragrance ingredient																
1-(4-methoxyphenyl)pent-1-en-3-one	203-190-5	104-27-8	1-(4-Methoxyphenyl)-1-penten-3-one (alpha-Methylanisylideneacetone), when used as a fragrance ingredient	203-190-5	104-27-8														44 4
Methyl crotonate	210-793-7	623-43-8	Methyl trans-2-butenate, when used as a fragrance ingredient	210-793-7	623-43-8														44 5
7-methylcoumarin	219-499-3	2445-83-2	7-Methylcoumarin, when used as a fragrance ingredient	219-499-3	2445-83-2														44 6
5-methylhexane-2,3-dione	237-241-8	13706-86-0	5-Methyl-2,3-hexanedione (Acetyl isovaleryl), when used as a fragrance ingredient	237-241-8	13706-86-0														44 7
2-pentylidencyclohexan-1-one	247-178-8	25677-40-1	2-Pentylidencyclohexanone, when used as a fragrance ingredient	247-178-8	25677-40-1														44 8
3,6,10-trimethylundeca-3,5,9-trien-2-one	214-245-8	1117-41-5	3,6,10-Trimethyl-3,5,9-undecatrien-2-one (Pseudo-Isomethylionone), when used as a fragrance ingredient	214-245-8	1117-41-5														44 9
Aloysia triphylla, ext.	285-515-0	8024-12-2, 85116-63-8	Verbena oil (Lippia citriodora Kunth.), when used as a fragrance ingredient, Verbena absolute (Lippia citriodora Kunth.)	285-515-0,	8024-12-2														45 0
HE Verbena triphyllia	676-658-3	8024-12-2	Verbena oil (Lippia citriodora Kunth.), when used as a fragrance ingredient, Verbena absolute (Lippia citriodora Kunth.)	285-515-0,	8024-12-2														45 0
6-(2-chloroethyl)-6-(2-methoxyethoxy)-2,5,7,10-	253-704-7	37894-46-5	6-(2-Chloroethyl)-6-(2-methoxyethoxy)-2,5,7,10-tetraoxa-6-silaundecane	253-704-7	37894-46-5														45 2

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tetraoxa-6-silaundecane																			
Cobalt dichloride	231-589-4	7646-79-9, 7791-13-1	Cobalt dichloride	231-589-4	7646-79-9	y						453	y	y	y				
Cobalt sulphate	233-334-2	10026-24-1, 10124-43-3	Cobalt sulphate	233-334-2	10124-43-3	y						454	y	y	y				
Nickel monoxide	215-215-7	1313-99-1	Nickel monoxide	215-215-7	1313-99-1	y						455	y	y					
Dinickel trioxide	215-217-8	1314-06-3	Dinickel trioxide	215-217-8	1314-06-3							456	y	y					
Nickel dioxide	234-823-3	12035-36-8	Nickel dioxide	234-823-3	12035-36-8							457	y	y					
Nickel sulfide	234-349-7	11113-75-0, 12035-72-2	Trinickel disulphide	234-829-6	12035-72-2							458	y	y					
Trinickel disulphide	234-829-6	12035-72-2	Trinickel disulphide	234-829-6	12035-72-2	y						458	y	y					
Tetracarbon ylnickel	236-669-2	13463-39-3	Tetracarbon ylnickel	236-669-2	13463-39-3							459		y	y				
Nickel sulphide	240-841-2	16812-54-7	Nickel sulphide	240-841-2	16812-54-7	y						460	y	y					
Potassium bromate	231-829-8	7758-01-2	Potassium bromate	231-829-8	7758-01-02	y						461		y					
Carbon monoxide	211-128-3	630-08-0	Carbon monoxide	211-128-3	630-08-0	y						462				y			
Buta-1,3-diene	203-450-8	106-99-0	Buta-1,3-diene, see also entries 464-611	203-450-8	106-99-0	y						463		y					
Isobutane	200-857-2	75-28-5	Isobutane, if it contains ≥ 0,1 % w/w Butadiene	200-857-2	75-28-5	y						464		y					
Butane	203-448-7	106-97-8	Butane, if it contains ≥ 0,1 % w/w Butadiene	203-448-7	106-97-8	y						465		y					
Gases (petroleum), C3-4	268-629-5	68131-75-9	Gases (petroleum), C3-4, if they contain > 0,1 % w/w Butadiene	268-629-5	68131-75-9	y						466		y					
Tail gas (petroleum), catalytic cracked distillate and catalytic cracked naphtha fractionation absorber	269-617-2	68307-98-2	Tail gas (petroleum), catalytic cracked distillate and catalytic cracked naphtha fractionation absorber, if it contains > 0,1 % w/w Butadiene	269-617-2	68307-98-2							467		y					
Tail gas (petroleum), catalytic polymn. naphtha fractionation stabilizer	269-618-8	68307-99-3	Tail gas (petroleum), catalytic polymn. naphtha fractionation stabiliser, if it contains > 0,1 % w/w Butadiene	269-618-8	68307-99-3							468		y					
Tail gas (petroleum), catalytic reformed naphtha fractionation stabilizer, hydrogen sulfide-free	269-619-3	68308-00-9	Tail gas (petroleum), catalytic reformed naphtha fractionation stabiliser, hydrogen sulfide-free, if	269-619-3	68308-00-9							469		y					

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			it contains > 0,1 % w/w Butadiene															
Tail gas (petroleum), cracked distillate hydrotreater stripper	269-620-9	68308-01-0	Tail gas (petroleum), cracked distillate hydrotreater stripper, if it contains > 0,1 % w/w Butadiene	269-620-9	68308-01-0							470		y				
Tail gas (petroleum), gas oil catalytic cracking absorber	269-623-5	68308-03-2	Tail gas (petroleum), gas oil catalytic cracking absorber, if it contains > 0,1 % w/w Butadiene	269-623-5	68308-03-2							471		y				
Tail gas (petroleum), gas recovery plant	269-624-0	68308-04-3	Tail gas (petroleum), gas recovery plant, if it contains > 0,1 % w/w Butadiene	269-624-0	68308-04-3							472		y				
Tail gas (petroleum), gas recovery plant deethanizer	269-625-6	68308-05-4	Tail gas (petroleum), gas recovery plant deethaniser, if it contains > 0,1 % w/w Butadiene	269-625-6	68308-05-4							473		y				
Tail gas (petroleum), hydrodesulfurized distillate and hydrodesulfurized naphtha fractionator, acid-free	269-626-1	68308-06-5	Tail gas (petroleum), hydrodesulfurized distillate and hydrodesulfurized naphtha fractionator, acid-free, if it contains > 0,1 % w/w Butadiene	269-626-1	68308-06-5							474		y				
Tail gas (petroleum), hydrodesulfurized vacuum gas oil stripper, hydrogen sulfide-free	269-627-7	68308-07-6	Tail gas (petroleum), hydrodesulfurized vacuum gas oil stripper, hydrogen sulfide-free, if it contains > 0,1 % w/w Butadiene	269-627-7	68308-07-6							475		y				
Tail gas (petroleum), isomerized naphtha fractionation stabilizer	269-628-2	68308-08-7	Tail gas (petroleum), isomerized naphtha fractionation stabiliser, if it contains > 0,1 % w/w Butadiene	269-628-2	68308-08-7							476		y				
Tail gas (petroleum), light straight-run naphtha stabilizer, hydrogen sulfide-free	269-629-8	68308-09-8	Tail gas (petroleum), light straight-run naphtha stabiliser, hydrogen sulfide-free, if it contains > 0,1 % w/w Butadiene	269-629-8	68308-09-8							477		y				
Tail gas (petroleum),	269-630-3	68308-10-1	Tail gas (petroleum),	269-630-3	68308-10-1							478		y				

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straight-run distillate hydrodesulfurizer, hydrogen sulfide-free			straight-run distillate hydrodesulfurized, hydrogen sulfide-free, if it contains > 0,1 % w/w Butadiene																
Tail gas (petroleum), propane-propylene alkylation feed prep deethanizer	269-631-9	68308-11-2	Tail gas (petroleum), propane-propylene alkylation feed prep deethaniser, if it contains > 0,1 % w/w Butadiene	269-631-9	68308-11-2								479		y				
Tail gas (petroleum), vacuum gas oil hydrodesulfurizer, hydrogen sulfide-free	269-632-4	68308-12-3	Tail gas (petroleum), vacuum gas oil hydrodesulfurized, hydrogen sulfide-free, if it contains > 0,1 % w/w Butadiene	269-632-4	68308-12-3								480		y				
Gases (petroleum), catalytic cracked overheads	270-071-2	68409-99-4	Gases (petroleum), catalytic cracked overheads, if they contain > 0,1 % w/w Butadiene	270-071-2	68409-99-4					y			481		y				
Alkanes, C1-2	270-651-5	68475-57-0	Alkanes, C1-2, if they contain > 0,1 % w/w Butadiene	270-651-5	68475-57-0								482		y				
Alkanes, C2-3	270-652-0	68475-58-1	Alkanes, C2-3, if they contain > 0,1 % w/w Butadiene	270-652-0	68475-58-1								483		y				
Alkanes, C3-4	270-653-6	68475-59-2	Alkanes, C3-4, if they contain > 0,1 % w/w Butadiene	270-653-6	68475-59-2								484		y				
Alkanes, C4-5	270-654-1	68475-60-5	Alkanes, C4-5, if they contain > 0,1 % w/w Butadiene	270-654-1	68475-60-5					y			485		y				
Fuel gases	270-667-2	68476-26-6	Fuel-gases, if they contain > 0,1 % w/w Butadiene	270-667-2	68476-26-6					y			486		y				
Fuel gases, crude oil distillates	270-670-9	68476-29-9	Fuel gases, crude oil distillates, if they contain > 0,1 % w/w Butadiene	270-670-9	68476-29-9					y			487		y				
Hydrocarbons, C3-4	270-681-9	68476-40-4	Hydrocarbons, C3-4, if they contain > 0,1 % w/w Butadiene	270-681-9	68476-40-4					y			488		y				
Hydrocarbons, C4-5	270-682-4	68476-42-6	Hydrocarbons, C4-5, if they contain > 0,1 % w/w Butadiene	270-682-4	68476-42-6								489		y				
Hydrocarbons, C2-4, C3-rich	270-689-2	68476-49-3	Hydrocarbons, C2-4, C3-rich, if they contain > 0,1 % w/w Butadiene	270-689-2	68476-49-3					y			490		y				
Petroleum gases, liquefied	270-704-2	68476-85-7	Petroleum gases, liquefied, if they contain >	270-704-2	68476-85-7					y			491		y				

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			0,1 % w/w Butadiene																
Petroleum gases, liquefied, sweetened	270-705-8	68476-86-8	Petroleum gases, liquefied, sweetened, if they contain > 0,1 % w/w Butadiene	270-705-8	68476-86-8	y							49 2		y				
Reaction mass of acetone and n-butyl acetate and zinc chromate and Naphtha (petroleum), hydrotreated light and Solvent naphtha (petroleum), light arom. and Alkanes, C10-13-iso-	942-616-0	68476-86-8	Petroleum gases, liquefied, sweetened, if they contain > 0,1 % w/w Butadiene	270-705-8	68476-86-8								49 2						
Gases (petroleum), C3-4, isobutane-rich	270-724-1	68477-33-8	Gases (petroleum), C3-4, isobutane-rich if they contain > 0,1 % w/w Butadiene	270-724-1	68477-33-8	y							49 3		y				
Distillates (petroleum), C3-6, piperylene-rich	270-726-2	68477-35-0	Distillates (petroleum), C3-6, piperylene-rich, if they contain > 0,1 % w/w Butadiene	270-726-2	68477-35-0	y							49 4		y				
Gases (petroleum), amine system feed	270-746-1	68477-65-6	Gases (petroleum), amine system feed, if they contain > 0,1 % w/w Butadiene	270-746-1	68477-65-6								49 5		y				
Gases (petroleum), benzene unit hydrodesulfurizer off	270-747-7	68477-66-7	Gases (petroleum), benzene unit hydrodesulfurized off, if they contain > 0,1 % w/w Butadiene	270-747-7	68477-66-7								49 6		y				
Gases (petroleum), benzene unit recycle, hydrogen-rich	270-748-2	68477-67-8	Gases (petroleum), benzene unit recycle, hydrogen-rich, if they contain > 0,1 % w/w Butadiene	270-748-2	68477-67-8								49 7		y				
Gases (petroleum), blend oil, hydrogen-nitrogen-rich	270-749-8	68477-68-9	Gases (petroleum), blend oil, hydrogen-nitrogen-rich, if they contain > 0,1 % w/w Butadiene	270-749-8	68477-68-9								49 8		y				
Gases (petroleum), butane splitter overheads	270-750-3	68477-69-0	Gases (petroleum), butane splitter overheads, if they contain > 0,1 % w/w Butadiene	270-750-3	68477-69-0	y							49 9		y				

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Gases (petroleum), C2-3	270-751-9	68477-70-3	Gases (petroleum), C2-3, if they contain > 0,1 % w/w Butadiene	270-751-9	68477-70-3						500		y				
Gases (petroleum), catalytic-cracked gas oil depropanizer bottoms, C4-rich acid-free	270-752-4	68477-71-4	Gases (petroleum), catalytic-cracked gas oil depropanizer bottoms, C4-rich acid-free, if they contain > 0,1 % w/w Butadiene	270-752-4	68477-71-4	y					501		y				
Gases (petroleum), catalytic-cracked naphtha debutanizer bottoms, C3-5-rich	270-754-5	68477-72-5	Gases (petroleum), catalytic-cracked naphtha debutanizer bottoms, C3-5-rich, if they contain > 0,1 % w/w Butadiene	270-754-5	68477-72-5						502		y				
Gases (petroleum), catalytic cracked naphtha depropanizer overhead, C3-rich acid-free	270-755-0	68477-73-6	Gases (petroleum), catalytic cracked naphtha depropanizer overhead, C3-rich acid-free, if they contain > 0,1 % w/w Butadiene	270-755-0	68477-73-6						503		y				
Gases (petroleum), catalytic cracker	270-756-6	68477-74-7	Gases (petroleum), catalytic cracker, if they contain > 0,1 % w/w Butadiene	270-756-6	68477-74-7						504		y				
Gases (petroleum), catalytic cracker, C1-5-rich	270-757-1	68477-75-8	Gases (petroleum), catalytic cracker, C1-5-rich, if they contain > 0,1 % w/w Butadiene	270-757-1	68477-75-8						505		y				
Gases (petroleum), catalytic polymd. naphtha stabilizer overhead, C2-4-rich	270-758-7	68477-76-9	Gases (petroleum), catalytic polymd. naphtha stabilizer overhead, C2-4-rich, if they contain > 0,1 % w/w Butadiene	270-758-7	68477-76-9						506		y				
Gases (petroleum), catalytic reformed naphtha stripper overheads	270-759-2	68477-77-0	Gases (petroleum), catalytic reformed naphtha stripper overheads, if they contain > 0,1 % w/w Butadiene	270-759-2	68477-77-0	y					507		y				
Gases (petroleum), catalytic reformer, C1-4-rich	270-760-8	68477-79-2	Gases (petroleum), catalytic reformer, C1-4-rich, if they contain > 0,1	270-760-8	68477-79-2						508		y				

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			% w/w Butadiene																
Gases (petroleum), C6-8 catalytic reformer recycle	270-761-3	68477-80-5	Gases (petroleum), C6-8 catalytic reformer recycle, if they contain > 0,1 % w/w Butadiene	270-761-3	68477-80-5							509		y					
Gases (petroleum), C6-8 catalytic reformer	270-762-9	68477-81-6	Gases (petroleum), C6-8 catalytic reformer, if they contain > 0,1 % w/w Butadiene	270-762-9	68477-81-6							510		y					
Gases (petroleum), C6-8 catalytic reformer recycle, hydrogen-rich	270-763-4	68477-82-7	Gases (petroleum), C6-8 catalytic reformer recycle, hydrogen-rich, if they contain > 0,1 % w/w Butadiene	270-763-4	68477-82-7							511		y					
Gases (petroleum), C3-5 olefinic-paraffinic alkylation feed	270-765-5	68477-83-8	Gases (petroleum), C3-5 olefinic-paraffinic alkylation feed, if they contain > 0,1 % w/w Butadiene	270-765-5	68477-83-8						y	512		y					
Gases (petroleum), C2-return stream	270-766-0	68477-84-9	Gases (petroleum), C2-return stream, if they contain > 0,1 % w/w Butadiene	270-766-0	68477-84-9							513		y					
Gases (petroleum), C4-rich	270-767-6	68477-85-0	Gases (petroleum), C4-rich, if they contain > 0,1 % w/w Butadiene	270-767-6	68477-85-0							514		y					
Gases (petroleum), deethanizer overheads	270-768-1	68477-86-1	Gases (petroleum), deethanizer overheads, if they contain > 0,1 % w/w Butadiene	270-768-1	68477-86-1							515		y					
Gases (petroleum), deisobutanizer tower overheads	270-769-7	68477-87-2	Gases (petroleum), deisobutanizer tower overheads, if they contain > 0,1 % w/w Butadiene	270-769-7	68477-87-2						y	516		y					
Gases (petroleum), depropanizer dry, propene-rich	270-772-3	68477-90-7	Gases (petroleum), depropanizer dry, propene-rich, if they contain > 0,1 % w/w Butadiene	270-772-3	68477-90-7						y	517		y					
Gases (petroleum), depropanizer overheads	270-773-9	68477-91-8	Gases (petroleum), depropanizer overheads, if they contain > 0,1 % w/w Butadiene	270-773-9	68477-91-8							518		y					
Gases (petroleum),	270-774-4	68477-92-9	Gases (petroleum),	270-774-4	68477-92-9							519		y					

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dry sour, gas-concn.-unit-off			dry sour, gas-concn. -unit-off, if they contain > 0,1 % w/w Butadiene																
Gases (petroleum), gas concn. reabsorber distn.	270-776-5	68477-93-0	Gases (petroleum), gas concn. reabsorber distn., if they contain > 0,1 % w/w Butadiene	270-776-5	68477-93-0							520							y
Gases (petroleum), gas recovery plant depropanizer overheads	270-777-0	68477-94-1	Gases (petroleum), gas recovery plant depropanizer overheads, if they contain > 0,1 % w/w Butadiene	270-777-0	68477-94-1							521							y
Gases (petroleum), Girbatol unit feed	270-778-6	68477-95-2	Gases (petroleum), Girbatol unit feed, if they contain > 0,1 % w/w Butadiene	270-778-6	68477-95-2							522							y
Gases (petroleum), hydrogen absorber off	270-779-1	68477-96-3	Gases (petroleum), hydrogen absorber off, if they contain > 0,1 % w/w Butadiene	270-779-1	68477-96-3							523							y
Gases (petroleum), hydrogen-rich	270-780-7	68477-97-4	Gases (petroleum), hydrogen-rich, if they contain > 0,1 % w/w Butadiene	270-780-7	68477-97-4							524							y
Gases (petroleum), hydrotreater blend oil recycle, hydrogen-nitrogen-rich	270-781-2	68477-98-5	Gases (petroleum), hydrotreater blend oil recycle, hydrogen-nitrogen-rich, if they contain > 0,1 % w/w Butadiene	270-781-2	68477-98-5							525							y
Gases (petroleum), isomerized naphtha fractionator, C4-rich, hydrogen sulfide-free	270-782-8	68477-99-6	Gases (petroleum), isomerized naphtha fractionator, C4-rich, hydrogen sulfide-free, if they contain > 0,1 % w/w Butadiene	270-782-8	68477-99-6							526							y
Gases (petroleum), recycle, hydrogen-rich	270-783-3	68478-00-2	Gases (petroleum), recycle, hydrogen-rich, if they contain > 0,1 % w/w Butadiene	270-783-3	68478-00-2							527							y
Gases (petroleum), reformer make-up, hydrogen-rich	270-784-9	68478-01-3	Gases (petroleum), reformer make-up, hydrogen-rich, if they contain > 0,1 % w/w Butadiene	270-784-9	68478-01-3							528							y

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Gases (petroleum), reforming hydrotreater	270-785-4	68478-02-4	Gases (petroleum), reforming hydrotreater, if they contain > 0,1 % w/w Butadiene	270-785-4	68478-02-4							529		y				
Gases (petroleum), reforming hydrotreater, hydrogen-methane-rich	270-787-5	68478-03-5	Gases (petroleum), reforming hydrotreater, hydrogen-methane-rich, if they contain > 0,1 % w/w Butadiene	270-787-5	68478-03-5							530		y				
Gases (petroleum), reforming hydrotreater make-up, hydrogen-rich	270-788-0	68478-04-6	Gases (petroleum), reforming hydrotreater make-up, hydrogen-rich, if they contain > 0,1 % w/w Butadiene	270-788-0	68478-04-6							531		y				
Gases (petroleum), thermal cracking distn.	270-789-6	68478-05-7	Gases (petroleum), thermal cracking distn., if they contain > 0,1 % w/w Butadiene	270-789-6	68478-05-7							532		y				
Tail gas (petroleum), catalytic cracked clarified oil and thermal cracked vacuum residue fractionation reflux drum	270-802-5	68478-21-7	Tail gas (petroleum), catalytic cracked clarified oil and thermal cracked vacuum residue fractionation reflux drum, if it contains > 0,1 % w/w Butadiene	270-802-5	68478-21-7							533		y				
Tail gas (petroleum), catalytic cracked naphtha stabilization absorber	270-803-0	68478-22-8	Tail gas (petroleum), catalytic cracked naphtha stabilization absorber, if it contains > 0,1 % w/w Butadiene	270-803-0	68478-22-8							534		y				
Tail gas (petroleum), catalytic cracker, catalytic reformer and hydrodesulfurizer combined fractionater	270-804-6	68478-24-0	Tail gas (petroleum), catalytic cracker, catalytic reformer and hydrodesulfurized combined fractionater, if it contains > 0,1 % w/w Butadiene	270-804-6	68478-24-0							535		y				
Tail gas (petroleum), catalytic cracker refractation absorber	270-805-1	68478-25-1	Tail gas (petroleum), catalytic cracker refractation absorber, if it contains > 0,1 % w/w Butadiene	270-805-1	68478-25-1							536		y				
Tail gas (petroleum),	270-806-7	68478-26-2	Tail gas (petroleum),	270-806-7	68478-26-2							537		y				

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catalytic reformed naphtha fractionation stabilizer			catalytic reformed naphtha fractionation stabiliser, if it contains > 0,1 % w/w Butadiene																
Tail gas (petroleum), catalytic reformed naphtha separator	270-807-2	68478-27-3	Tail gas (petroleum), catalytic reformed naphtha separator, if it contains > 0,1 % w/w Butadiene	270-807-2	68478-27-3							538							y
Tail gas (petroleum), catalytic reformed naphtha stabilizer	270-808-8	68478-28-4	Tail gas (petroleum), catalytic reformed naphtha stabiliser, if it contains > 0,1 % w/w Butadiene	270-808-8	68478-28-4							539							y
Tail gas (petroleum), cracked distillate hydrotreater separator	270-809-3	68478-29-5	Tail gas (petroleum), cracked distillate hydrotreater separator, if it contains > 0,1 % w/w Butadiene	270-809-3	68478-29-5							540							y
Tail gas (petroleum), hydrodesulfurized straight-run naphtha separator	270-810-9	68478-30-8	Tail gas (petroleum), hydrodesulfurized straight-run naphtha separator, if it contains > 0,1 % w/w Butadiene	270-810-9	68478-30-8							541							y
Tail gas (petroleum), saturate gas plant mixed stream, C4-rich	270-813-5	68478-32-0	Tail gas (petroleum), saturate gas plant mixed stream, C4-rich, if it contains > 0,1 % w/w Butadiene	270-813-5	68478-32-0							542							y
Tail gas (petroleum), saturate gas recovery plant, C1-2-rich	270-814-0	68478-33-1	Tail gas (petroleum), saturate gas recovery plant, C1-2-rich, if it contains > 0,1 % w/w Butadiene	270-814-0	68478-33-1							543							y
Tail gas (petroleum), vacuum residues thermal cracker	270-815-6	68478-34-2	Tail gas (petroleum), vacuum residues thermal cracker, if it contains > 0,1 % w/w Butadiene	270-815-6	68478-34-2							544							y
Hydrocarbons, C3-4-rich, petroleum distillate	270-990-9	68512-91-4	Hydrocarbons, C3-4-rich, petroleum distillate, if they contain > 0,1 % w/w Butadiene	270-990-9	68512-91-4						y	545							y
Gases (petroleum), catalytic	270-999-8	68513-14-4	Gases (petroleum), catalytic	270-999-8	68513-14-4							546							y

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reformed straight-run naphtha stabilizer overheads			reformed straight-run naphtha stabilizer overheads, if they contain > 0,1 % w/w Butadiene																
Gases (petroleum), full-range straight-run naphtha dehexanizer off	271-000-8	68513-15-5	Gases (petroleum), full-range straight-run naphtha dehexanizer off, if they contain > 0,1 % w/w Butadiene	271-000-8	68513-15-5							547							y
Gases (petroleum), hydrocracking depropanizer off, hydrocarbon-rich	271-001-3	68513-16-6	Gases (petroleum), hydrocracking depropanizer off, hydrocarbon-rich, if they contain > 0,1 % w/w Butadiene	271-001-3	68513-16-6							548							y
Gases (petroleum), light straight-run naphtha stabilizer off	271-002-9	68513-17-7	Gases (petroleum), light straight-run naphtha stabilizer off, if they contain > 0,1 % w/w Butadiene	271-002-9	68513-17-7							549							y
Gases (petroleum), reformer effluent high-pressure flash drum off	271-003-4	68513-18-8	Gases (petroleum), reformer effluent high-pressure flash drum off, if they contain > 0,1 % w/w Butadiene	271-003-4	68513-18-8							550							y
Gases (petroleum), reformer effluent low-pressure flash drum off	271-005-5	68513-19-9	Gases (petroleum), reformer effluent low-pressure flash drum off, if they contain > 0,1 % w/w Butadiene	271-005-5	68513-19-9							551							y
Residues (petroleum), alkylation splitter, C4-rich	271-010-2	68513-66-6	Residues (petroleum), alkylation splitter, C4-rich, if they contain > 0,1 % w/w Butadiene	271-010-2	68513-66-6							552							y
Hydrocarbons, C1-4	271-032-2	68514-31-8	Hydrocarbons, C1-4, if they contain > 0,1 % w/w Butadiene	271-032-2	68514-31-8							553							y
Hydrocarbons, C1-4, sweetened	271-038-5	68514-36-3	Hydrocarbons, C1-4, sweetened, if they contain > 0,1 % w/w Butadiene	271-038-5	68514-36-3							554							y
Gases (petroleum), oil refinery gas distn. off	271-258-1	68527-15-1	Gases (petroleum), oil refinery gas distn. off, if they contain > 0,1 % w/w Butadiene	271-258-1	68527-15-1							555							y

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Hydrocarbons, C1-3	271-259-7	68527-16-2	Hydrocarbons, C1-3, if they contain > 0,1 % w/w Butadiene	271-259-7	68527-16-2						556		y				
Hydrocarbons, C1-4, debutanizer fraction	271-261-8	68527-19-5	Hydrocarbons, C1-4, debutanizer fraction, if they contain > 0,1 % w/w Butadiene	271-261-8	68527-19-5						557		y				
Gases (petroleum), benzene unit hydrotreater depentanizer overheads	271-623-5	68602-82-4	Gases (petroleum), benzene unit hydrotreater depentanizer overheads, if they contain > 0,1 % w/w Butadiene	271-623-5	68602-82-4						558		y				
Gases (petroleum), C1-5, wet	271-624-0	68602-83-5	Gases (petroleum), C1-5, wet, if they contain > 0,1 % w/w Butadiene	271-624-0	68602-83-5	y					559		y				
Gases (petroleum), secondary absorber off, fluidized catalytic cracker overheads fractionator	271-625-6	68602-84-6	Gases (petroleum), secondary absorber off, fluidized catalytic cracker overheads fractionator, if they contain > 0,1 % w/w Butadiene	271-625-6	68602-84-6						560		y				
Hydrocarbons, C2-4	271-734-9	68606-25-7	Hydrocarbons, C2-4, if they contain > 0,1 % w/w Butadiene	271-734-9	68606-25-7						561		y				
Hydrocarbons, C3	271-735-4	68606-26-8	Hydrocarbons, C3, if they contain > 0,1 % w/w Butadiene	271-735-4	68606-26-8	y					562		y				
Gases (petroleum), alkylation feed	271-737-5	68606-27-9	Gases (petroleum), alkylation feed, if they contain > 0,1 % w/w Butadiene	271-737-5	68606-27-9						563		y				
Gases (petroleum), depropanizer bottoms fractionation off	271-742-2	68606-34-8	Gases (petroleum), depropanizer bottoms fractionation off, if they contain > 0,1 % w/w Butadiene	271-742-2	68606-34-8						564		y				
Petroleum products, refinery gases	271-750-6	68607-11-4	Petroleum products, refinery gases, if they contain > 0,1 % w/w Butadiene	271-750-6	68607-11-4						565		y				
Gases (petroleum), hydrocracking low-pressure separator	272-182-1	68783-06-2	Gases (petroleum), hydrocracking low-pressure separator, if they contain > 0,1 % w/w Butadiene	272-182-1	68783-06-2						566		y				

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Gases (petroleum), refinery blend	272-183-7	68783-07-3	Gases (petroleum), refinery blend, if they contain > 0,1 % w/w Butadiene	272-183-7	68783-07-3	y					567		y					
Gases (petroleum), catalytic cracking	272-203-4	68783-64-2	Gases (petroleum), catalytic cracking, if they contain > 0,1 % w/w Butadiene	272-203-4	68783-64-2						568		y					
Gases (petroleum), C2-4, sweetened	272-205-5	68783-65-3	Gases (petroleum), C2-4, sweetened, if they contain > 0,1 % w/w Butadiene	272-205-5	68783-65-3	y					569		y					
Gases (petroleum), refinery	272-338-9	68814-67-5	Gases (petroleum), refinery, if they contain > 0,1 % w/w Butadiene	272-338-9	68814-67-5	y					570		y					
Gases (petroleum), platformer products separator off	272-343-6	68814-90-4	Gases (petroleum), platformer products separator off, if they contain > 0,1 % w/w Butadiene	272-343-6	68814-90-4						571		y					
Gases (petroleum), hydrotreated sour kerosine depentanizer stabilizer off	272-775-5	68911-58-0	Gases (petroleum), hydrotreated sour kerosine depentanizer stabilizer off, if they contain > 0,1 % w/w Butadiene	272-775-5	68911-58-0						572		y					
Gases (petroleum), hydrotreated sour kerosine flash drum	272-776-0	68911-59-1	Gases (petroleum), hydrotreated sour kerosine flash drum, if they contain > 0,1 % w/w Butadiene	272-776-0	68911-59-1						573		y					
Gases (petroleum), crude oil fractionation off	272-871-7	68918-99-0	Gases (petroleum), crude oil fractionation off, if they contain > 0,1 % w/w Butadiene	272-871-7	68918-99-0						574		y					
Gases (petroleum), dehexanizer off	272-872-2	68919-00-6	Gases (petroleum), dehexanizer off, if they contain > 0,1 % w/w Butadiene	272-872-2	68919-00-6						575		y					
Gases (petroleum), distillate unfiner desulfurization stripper off	272-873-8	68919-01-7	Gases (petroleum), distillate unfiner desulfurization stripper off, if they contain > 0,1 % w/w Butadiene	272-873-8	68919-01-7						576		y					
Gases (petroleum), fluidized catalytic cracker	272-874-3	68919-02-8	Gases (petroleum), fluidized catalytic cracker	272-874-3	68919-02-8						577		y					

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fractionation off			fractionation off if they contain > 0,1 % w/w Butadiene																
Gases (petroleum), fluidized catalytic cracker scrubbing secondary absorber off	272-875-9	68919-03-9	Gases (petroleum), fluidised catalytic cracker scrubbing secondary absorber off, if they contain > 0,1 % w/w Butadiene	272-875-9	68919-03-9									578					y
Gases (petroleum), heavy distillate hydrotreater desulfurization stripper off	272-876-4	68919-04-0	Gases (petroleum), heavy distillate hydrotreater desulfurization stripper off, if they contain > 0,1 % w/w Butadiene	272-876-4	68919-04-0									579					y
Gases (petroleum), light straight run gasoline fractionation stabilizer off	272-878-5	68919-05-1	Gases (petroleum), light straight run gasoline fractionation stabiliser off, if they contain > 0,1 % w/w Butadiene	272-878-5	68919-05-1									580					y
Gases (petroleum), naphtha unifier desulfurization stripper off	272-879-0	68919-06-2	Gases (petroleum), naphtha unifier desulfurization stripper off, if they contain > 0,1 % w/w Butadiene	272-879-0	68919-06-2									581					y
Gases (petroleum), platformer stabilizer off, light ends fractionation	272-880-6	68919-07-3	Gases (petroleum), platformer stabiliser off, light ends fractionation, if they contain > 0,1 % w/w Butadiene	272-880-6	68919-07-3									582					y
Gases (petroleum), preflash tower off, crude distn.	272-881-1	68919-08-4	Gases (petroleum), preflash tower off, crude distn., if they contain > 0,1 % w/w Butadiene	272-881-1	68919-08-4									583					y
Gases (petroleum), straight-run naphtha catalytic reforming off	272-882-7	68919-09-5	Gases (petroleum), straight-run naphtha catalytic reforming off, if they contain > 0,1 % w/w Butadiene	272-882-7	68919-09-5									584					y
Gases (petroleum), straight-run stabilizer off	272-883-2	68919-10-8	Gases (petroleum), straight-run stabiliser off, if they contain > 0,1 % w/w Butadiene	272-883-2	68919-10-8									585					y
Gases (petroleum), tar stripper off	272-884-8	68919-11-9	Gases (petroleum), tar stripper off, if they	272-884-8	68919-11-9									586					y

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			contain > 0,1 % w/w Butadiene																
Gases (petroleum), unifier stripper off	272-885-3	68919-12-0	Gases (petroleum), unifier stripper off, if they contain > 0,1 % w/w Butadiene	272-885-3	68919-12-0													587	y
Gases (petroleum), fluidized catalytic cracker splitter overheads	272-893-7	68919-20-0	Gases (petroleum), fluidised catalytic cracker splitter overheads, if they contain > 0,1 % w/w Butadiene	272-893-7	68919-20-0													588	y
Gases (petroleum), catalytic cracked naphtha debutanizer	273-169-3	68952-76-1	Gases (petroleum), catalytic cracked naphtha debutaniser, if they contain > 0,1 % w/w Butadiene	273-169-3	68952-76-1													589	y
Tail gas (petroleum), catalytic cracked distillate and naphtha stabilizer	273-170-9	68952-77-2	Tail gas (petroleum), catalytic cracked distillate and naphtha stabiliser, if it contains > 0,1 % w/w Butadiene	273-170-9	68952-77-2													590	y
Tail gas (petroleum), catalytic hydrodesulfurized naphtha separator	273-173-5	68952-79-4	Tail gas (petroleum), catalytic hydrodesulfurized naphtha separator, if it contains > 0,1 % w/w Butadiene	273-173-5	68952-79-4													591	y
Tail gas (petroleum), straight-run naphtha hydrodesulfurizer	273-174-0	68952-80-7	Tail gas (petroleum), straight-run naphtha hydrodesulfurized, if it contains > 0,1 % w/w Butadiene	273-174-0	68952-80-7													592	y
Tail gas (petroleum), thermal-cracked distillate, gas oil and naphtha absorber	273-175-6	68952-81-8	Tail gas (petroleum), thermal-cracked distillate, gas oil and naphtha absorber, if it contains > 0,1 % w/w Butadiene	273-175-6	68952-81-8													593	y
Tail gas (petroleum), thermal cracked hydrocarbon fractionation stabilizer, petroleum coking	273-176-1	68952-82-9	Tail gas (petroleum), thermal cracked hydrocarbon fractionation stabiliser, petroleum coking, if it contains > 0,1 % w/w Butadiene	273-176-1	68952-82-9													594	y

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Gases (petroleum), light steam-cracked, butadiene conc.	273-265-5	68955-28-2	Gases (petroleum), light steam-cracked, butadiene conc., if they contain > 0,1 % w/w Butadiene	273-265-5	68955-28-2	y					595	y				
Gases (petroleum), sponge absorber off, fluidized catalytic cracker and gas oil desulfurizer overhead fractionation	273-269-7	68955-33-9	Gases (petroleum), sponge absorber off, fluidized catalytic cracker and gas oil desulfurizer overhead fractionation, if they contain > 0,1 % w/w Butadiene	273-269-7	68955-33-9						596	y				
Gases (petroleum), straight-run naphtha catalytic reformer stabilizer overhead	273-270-2	68955-34-0	Gases (petroleum), straight-run naphtha catalytic reformer stabilizer overhead, if they contain > 0,1 % w/w Butadiene	273-270-2	68955-34-0						597	y				
Gases (petroleum), crude distn. and catalytic cracking	273-563-5	68989-88-8	Gases (petroleum), crude distn. and catalytic cracking, if they contain > 0,1 % w/w Butadiene	273-563-5	68989-88-8	y					598	y				
Hydrocarbons, C4	289-339-5	87741-01-3	Hydrocarbons, C4, if they contain > 0,1 % w/w Butadiene	289-339-5	87741-01-3	y					599	y				
Alkanes, C1-4, C3-rich	292-456-4	90622-55-2	Alkanes, C1-4, C3-rich, if they contain > 0,1 % w/w Butadiene	292-456-4	90622-55-2						600	y				
Gases (petroleum), gas oil diethanolamine scrubber off	295-397-2	92045-15-3	Gases (petroleum), gas oil diethanolamine scrubber off, if they contain > 0,1 % w/w Butadiene	295-397-2	92045-15-3						601	y				
Gases (petroleum), gas oil hydrodesulfurization effluent	295-398-8	92045-16-4	Gases (petroleum), gas oil hydrodesulfurization effluent, if they contain > 0,1 % w/w Butadiene	295-398-8	92045-16-4						602	y				
Gases (petroleum), gas oil hydrodesulfurization purge	295-399-3	92045-17-5	Gases (petroleum), gas oil hydrodesulfurization purge, if they contain > 0,1 % w/w Butadiene	295-399-3	92045-17-5						603	y				
Gases (petroleum), hydrogenator effluent	295-400-7	92045-18-6	Gases (petroleum), hydrogenator effluent flash	295-400-7	92045-18-6						604	y				

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flash drum off			drum off, if they contain > 0,1 % w/w Butadiene															
Gases (petroleum), naphtha steam cracking high-pressure residual	295-401-2	92045-19-7	Gases (petroleum), naphtha steam cracking high-pressure residual, if they contain > 0,1 % w/w Butadiene	295-401-2	92045-19-7							605		y				
Gases (petroleum), residue visbreaking off	295-402-8	92045-20-0	Gases (petroleum), residue visbreaking off, if they contain > 0,1 % w/w Butadiene	295-402-8	92045-20-0							606		y				
Gases (petroleum), steam-cracker C3-rich	295-404-9	92045-22-2	Gases (petroleum), steam-cracker C3-rich, if they contain > 0,1 % w/w Butadiene	295-404-9	92045-22-2							607		y				
Hydrocarbons, C4, steam-cracker distillate	295-405-4	92045-23-3	Hydrocarbons, C4, steam-cracker distillate, if they contain > 0,1 % w/w Butadiene	295-405-4	92045-23-3	y						608		y				
Petroleum gases, liquefied, sweetened, C4 fraction	295-463-0	92045-80-2	Petroleum gases, liquefied, sweetened, C4 fraction, if they contain > 0,1 % w/w Butadiene	295-463-0	92045-80-2	y						609		y				
Hydrocarbons, C4, 1,3-butadiene- and isobutene-free	306-004-1	95465-89-7	Hydrocarbons, C4, 1,3-butadiene- and isobutene-free, if they contain > 0,1 % w/w Butadiene	306-004-1	95465-89-7	y						610		y				
Raffinates (petroleum), steam-cracked C4 fraction cuprous ammonium acetate extrn., C3-5 and C3-5 unsatd., butadiene-free	307-769-4	97722-19-5	Raffinates (petroleum), steam-cracked C4 fraction cuprous ammonium acetate extrn., C3-5 and C3-5 unsatd., butadiene-free, if they contain > 0,1 % w/w Butadiene	307-769-4	97722-19-5							611		y				
Benzo[def]chrysene	200-028-5	50-32-8, 63466-71-7	Benzo[def]chrysene (benzo[a]pyrene), Benzene-a-pyrene (BaP), Benzo[a]pyrene	200-028-5,	50-32-8					15	612		y	y	y			y
Pitch, coal tar-petroleum	269-109-0	68187-57-5	Pitch, coal tar-petroleum, if it contains > 0,005 % w/w benzo[a]pyrene	269-109-0	68187-57-5							613		y				

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			benzo[a]pyrene																
Residues (coal), liq. solvent extrn.	302-681-2	94114-46-2	Residues (coal), liq. solvent extrn., if they contain > 0,005 % w/w benzo[a]pyrene	302-681-2	94114-46-2							626							y
Coal liquids, liq. solvent extrn. soln.	302-682-8	94114-47-3	Coal liquids, liq. solvent extrn. soln., if they contain > 0,005 % w/w benzo[a]pyrene	302-682-8	94114-47-3							627							y
Coal liquids, liq. solvent extrn.	302-683-3	94114-48-4	Coal liquids, liq. solvent extrn., if they contain > 0,005 % w/w benzo[a]pyrene	302-683-3	94114-48-4							628							y
Paraffin waxes (coal), brown-coal high-temp. tar, carbon-treated	308-296-6	97926-76-6	Paraffin waxes (coal), brown-coal high-temp. tar, carbon-treated, if they contain > 0,005 % w/w benzo[a]pyrene	308-296-6	97926-76-6							629							y
Paraffin waxes (coal), brown-coal high-temp tar, clay-treated	308-297-1	97926-77-7	Paraffin waxes (coal), brown-coal high-temp tar, clay-treated, if they contain > 0,005 % w/w benzo[a]pyrene	308-297-1	97926-77-7							630							y
Paraffin waxes (coal), brown-coal high-temp tar, silicic acid-treated	308-298-7	97926-78-8	Paraffin waxes (coal), brown-coal high-temp tar, silicic acid-treated, if they contain > 0,005 % w/w benzo[a]pyrene	308-298-7	97926-78-8							631							y
Absorption oils, bicyclo arom. and heterocyclic hydrocarbon fraction	309-851-5	101316-45-4	Absorption oils, bicyclo arom. and heterocyclic hydrocarbon fraction, if they contain > 0,005 % w/w benzo[a]pyrene	309-851-5	101316-45-4							632							y
Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene polypropylene pyrolysis-derived	309-956-6	101794-74-5	Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene polypropylene pyrolysis-derived, if they contain > 0,005 % w/w benzo[a]pyrene	309-956-6	101794-74-5							633							y
Aromatic hydrocarbons, C20-28,	309-957-1	101794-75-6	Aromatic hydrocarbons, C20-28,	309-957-1	101794-75-6							634							y

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polycyclic, mixed coal-tar pitch-polyethylene pyrolysis-derived			polycyclic, mixed coal-tar pitch-polyethylene pyrolysis-derived, if they contain > 0,005 % w/w benzo[a]pyrene																
Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polystyrene pyrolysis-derived	309-958-7	101794-76-7	Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polystyrene pyrolysis-derived, if they contain > 0,005 % w/w benzo[a]pyrene	309-958-7	101794-76-7							635		y					
Pitch, coal tar, high-temp., heat-treated	310-162-7	121575-60-8	Pitch, coal tar, high-temp., heat-treated, if it contains > 0,005 % w/w benzo[a]pyrene	310-162-7	121575-60-8	y						636		y					
Dibenz[a,h]anthracene	200-181-8	53-70-3	Dibenz[a,h]anthracene, Dibenzo(a,h)anthracene	200-181-8,	53-70-3							637		y					y
Benz[a]anthracene	200-280-6	56-55-3, 1718-53-2	Benz[a]anthracene, Benzo(a)anthracene	200-280-6,	56-55-3							638		y					y
Benzo[e]pyrene	205-892-7	192-97-2	Benzo[e]pyrene	205-892-7	192-97-2							639		y					
Benzo[j]fluoranthene	205-910-3	205-82-3	Benzo[j]fluoranthene, Benzo(j)fluoranthene	205-910-3,	205-82-3							640		y					y
Benzo[e]acephenanthrylene	205-911-9	205-99-2	Benz(e)acephenanthrylene, Benzo(b)fluoranthene	205-911-9,	205-99-2							641		y					y
Benzo[k]fluoranthene	205-916-6	207-08-9	Benzo(k)fluoranthene	205-916-6,	207-08-9							642		y					y
Chrysene	205-923-4	218-01-9, 1719-03-5	Chrysene	205-923-4,	218-01-9							643		y					y
2-bromopropane	200-855-1	75-26-3	2-Bromopropane	200-855-1	75-26-3	y						644				y			
Trichloroethylene	201-167-4	79-01-6	Trichloroethylene	201-167-4	79-01-6	y						645		y					y
1,2-dibromo-3-chloropropane	202-479-3	96-12-8	1,2-Dibromo-3-chloropropane	202-479-3	96-12-8	y						646		y		y			
2,3-dibromopropan-1-ol	202-480-9	96-13-9	2,3-Dibromopropan-1-ol	202-480-9	96-13-9							647		y		y			
1,3-dichloropropan-2-ol	202-491-9	96-23-1	1,3-Dichloropropan-2-ol	202-491-9	96-23-1	y						648		y					
α,α,α-trichlorotoluene	202-634-5	98-07-7	α,α,α-Trichlorotoluene	202-634-5	98-07-7	y						649		y					y
α-chlorotoluene	202-853-6	100-44-7	α-Chlorotoluene (Benzyl chloride)	202-853-6	100-44-7	y						650		y					y
1,2-dibromoethane	203-444-5	106-93-4	1,2-Dibromoethane	203-444-5	106-93-4	y						651		y					y
Hexachlorobenzene	204-273-9	118-74-1	Hexachlorobenzene	204-273-9	118-74-1							652		y					

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Bromoethylene	209-800-6	593-60-2	Bromoethylene (Vinyl bromide)	209-800-6	593-60-2	y				653		y			
1,4-dichlorobut-2-ene	212-121-8	764-41-0	1,4-Dichlorobut-2-ene	212-121-8	764-41-0					654		y		y	
Methyloxirane	200-879-2	75-56-9	Methyloxirane (Propylene oxide)	200-879-2	75-56-9	y				655		y		y	
(epoxyethyl)benzene	202-476-7	96-09-3	(Epoxyethyl)benzene (Styrene oxide)	202-476-7	96-09-3	y				656		y		y	
1-chloro-2,3-epoxypropane	203-439-8	106-89-8	1-Chloro-2,3-epoxypropane (Epichlorohydrin)	203-439-8	106-89-8	y				657	y	y		y	
(2S)-2-(chloromethyl)oxirane	482-080-0	106-89-8, 67843-74-7	1-Chloro-2,3-epoxypropane (Epichlorohydrin)	203-439-8	106-89-8	y				657					
(R)-1-chloro-2,3-epoxypropane	424-280-2	51594-55-9	R-1-Chloro-2,3-epoxypropane	424-280-2	51594-55-9	y				658	y	y		y	
(R)-(-)-2-(Chloromethyl)oxirane	628-656-9	51594-55-9	R-1-Chloro-2,3-epoxypropane	424-280-2	51594-55-9					658					
2,3-epoxypropyl phenyl ether	204-557-2	122-60-1	1,2-Epoxy-3-phenoxypropane (Phenylglycidyl ether)	204-557-2	122-60-1	y				659	y	y		y	
2,3-epoxypropan-1-ol	209-128-3	556-52-5	2,3-Epoxypropan-1-ol (Glycidol)	209-128-3	556-52-5	y				660		y	y	y	
R-2,3-epoxy-1-propanol	404-660-4	57044-25-4	R-2,3-Epoxy-1-propanol	404-660-4	57044-25-4	y				661		y	y	y	
[No public or meaningful name is available]	629-598-7	57044-25-4	R-2,3-Epoxy-1-propanol	404-660-4	57044-25-4					661					
2,2'-bioxirane	215-979-1	1464-53-5	2,2'-Bioxirane (1,2:3,4-Diepoxybutane)	215-979-1	1464-53-5					662		y		y	
(2RS,3RS)-3-(2-chlorophenyl)-2-(4-fluorophenyl)-[1H-1,2,4-triazol-1-yl)methyl]oxirane	406-850-2	106325-08-0, 133855-98-8	(2RS,3RS)-3-(2-Chlorophenyl)-2-(4-fluorophenyl)-[1H-1,2,4-triazol-1-yl)methyl]oxirane; Epoxiconazole	406-850-2	133855-98-8	y				663		y	y		
Epoxiconazole	600-739-4	106325-08-0, 133855-98-8	(2RS,3RS)-3-(2-Chlorophenyl)-2-(4-fluorophenyl)-[1H-1,2,4-triazol-1-yl)methyl]oxirane; Epoxiconazole	406-850-2	133855-98-8					663					
1-[3-(2-chlorophenyl)-2-(4-fluorophenyl)-oxiranylmethyl]-1.H.-[1,2,4]triazole	603-768-0	133855-98-8	(2RS,3RS)-3-(2-Chlorophenyl)-2-(4-fluorophenyl)-[1H-1,2,4-triazol-1-yl)methyl]oxirane; Epoxiconazole	406-850-2	133855-98-8					663					

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Chloromethyl methyl ether	203-480-1	107-30-2	Chloromethyl methyl ether	203-480-1	107-30-2					664		y				
2-methoxyethanol	203-713-7	109-86-4, 109-87-5	2-Methoxyethanol and its acetate (2-Methoxyethyl acetate)	203-713-7	109-86-4	y				665			y			
2-methoxyethyl acetate	203-772-9	110-49-6	2-Methoxyethanol and its acetate (2-Methoxyethyl acetate)	203-772-9	110-49-6					665			y			
2-ethoxyethanol	203-804-1	110-80-5	2-Ethoxyethanol and its acetate (2-Ethoxyethyl acetate)	203-804-1	110-80-5	y				666			y			
2-ethoxyethyl acetate	203-839-2	111-15-9	2-Ethoxyethanol and its acetate (2-Ethoxyethyl acetate)	203-839-2	111-15-9					666			y			
Oxybis[chloromethane]	208-832-8	542-88-1	Oxybis[chloromethane], bis (Chloromethyl) ether	208-832-8	542-88-1					667		y				
2-methoxypropanol	216-455-5	1589-47-5	2-Methoxypropanol	216-455-5	1589-47-5					668			y		y	
Propiolactone	200-340-1	57-57-8	Propiolactone	200-340-1	57-57-8	y				669		y			y	
Dimethylcarbamoyl chloride	201-208-6	79-44-7	Dimethylcarbamoyl chloride	201-208-6	79-44-7	y				670		y			y	
Urethane	200-123-1	51-79-6	Urethane (Ethyl carbamate)	200-123-1	51-79-6					671		y				
Methoxyacetic acid	210-894-6	625-45-6	Methoxyacetic acid	210-894-6	625-45-6	y				674			y		y	
Dibutyl phthalate	201-557-4	84-74-2, 93952-11-5	Dibutyl phthalate (DBP)	201-557-4,	84-74-2	y				675			y			y
Bis(2-methoxyethyl) ether	203-924-4	111-96-6	bis(2-Methoxyethyl) ether (Dimethoxydiglycol)	203-924-4	111-96-6	y				676			y			
Bis(2-ethylhexyl) phthalate	204-211-0	117-81-7	bis(2-Ethylhexyl) phthalate (Diethylhexyl phthalate), Di-(2-ethylhexyl) phthalate (DEHP)	204-211-0,	117-81-7	y				677			y			y
Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	bis(2-Methoxyethyl) phthalate	204-212-6	117-82-8					678			y			
2-methoxypropyl acetate	274-724-2	70657-70-4	2-Methoxypropyl acetate	274-724-2	70657-70-4					679			y			
2-ethylhexyl [[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]thio]acetate	279-452-8	80387-97-9	2-Ethylhexyl [[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]thio]acetate	279-452-8	80387-97-9					680	y			y		
Acrylamide	201-173-7	79-06-1, 122775-19-3	Acrylamide, unless regulated elsewhere in this Regulation	201-173-7	79-06-1	y				681	y	y	y	y	y	

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Acrylonitrile	203-466-5	107-13-1	Acrylonitrile	203-466-5	107-13-1	y				68		y	y		y
2-nitropropane	201-209-1	79-46-9	2-Nitropropane	201-209-1	79-46-9	y				68			y		
Dinoseb	201-861-7	88-85-7	Dinoseb, its salts and esters with the exception of those specified elsewhere in this list	201-861-7	88-85-7	y				68				y	y
2-nitroanisole	202-052-1	91-23-6	2-Nitroanisole	202-052-1	91-23-6					68		y			
4-nitrobiphenyl	202-204-7	92-93-3	4-Nitrobiphenyl	202-204-7	92-93-3					68		y			
2,4-dinitrotoluene	204-450-0	121-14-2	2,4-Dinitrotoluene; technical grade	204-450-0	121-14-2					68		y	y		
Dinitrotoluene	246-836-1	25321-14-6	2,4-Dinitrotoluene; technical grade	246-836-1	25321-14-6	y				68		y	y		
Binapacryl	207-612-9	485-31-4	Binapacryl	207-612-9	485-31-4					68			y		
2-nitronaphthalene	209-474-5	581-89-5	2-Nitronaphthalene	209-474-5	581-89-5					68		y			
2,3-dinitrotoluene	210-013-5	602-01-7	2,3-Dinitrotoluene	210-013-5	602-01-7					69		y	y		
1,2-dihydro-5-nitroacenaphthylene	210-025-0	602-87-9	5-Nitroacenaphthylene	210-025-0	602-87-9					69		y			
2,6-dinitrotoluene	210-106-0	606-20-2	2,6-Dinitrotoluene	210-106-0	606-20-2					69		y	y		
3,4-dinitrotoluene	210-222-1	610-39-9	3,4-Dinitrotoluene	210-222-1	610-39-9					69		y	y		
3,5-dinitrotoluene	210-566-2	618-85-9	3,5-Dinitrotoluene	210-566-2	618-85-9					69		y	y		
2,5-dinitrotoluene	210-581-4	619-15-8	2,5-Dinitrotoluene	210-581-4	619-15-8					69		y	y		
Dinoterb	215-813-8	1420-07-1	Dinoterb, its salts and esters	215-813-8	1420-07-1					69			y		
Nitrofen	217-406-0	1836-75-5	Nitrofen	217-406-0	1836-75-5					69		y	y		
Diazomethane	206-382-7	334-88-3	Diazomethane	206-382-7	334-88-3					69		y			
1,4,5,8-tetraaminoanthraquinone	219-603-7	2475-45-8	1,4,5,8-Tetraaminoanthraquinone (Disperse Blue 1), Disperse Blue 1	219-603-7,	2475-45-8			1		70		y	y		y
1-methyl-3-nitro-1-nitrosoguanidine	200-730-1	70-25-7	1-Methyl-3-nitro-1-nitrosoguanidine	200-730-1	70-25-7					70		y			y
4,4'-methylenedianiline	202-974-4	101-77-9	4,4'-methylenedianiline, 4,4'-Methylenedianiline, 4,4'-Methyldianiline	202-974-4,	101-77-9	y	1			70		y	y		y
4,4'-(4-aminocyclohexa-2,5-dienylidene)methylenedianiline	209-321-2	569-61-9	4,4'-(4-aminocyclohexa-2,5-dienylidene)methylenedianiline	209-321-2,	569-61-9			9		70		y			

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hydrochloride			hydrochloride, Basic Red 9															
4,4'-methylenedio-toluidine	212-658-8	838-88-0	4,4'-methylenedio-toluidine, 4,4'-Methylenedio-toluidine, 4,4'-Methylenedio-toluidine	212-658-8,	838-88-0	y	17				707	y	y					y
o-anisidine	201-963-1	90-04-0	o-anisidine, o-Anisidine	201-963-1,	90-04-4, 90-04-0	y	5				708		y					y
3,3'-dimethoxybenzidine	204-355-4	119-90-4	3,3'-dimethoxybenzidine, 3,3'-Dimethoxybenzidine (ortho-Dianisidine) and its salts, 3,3'-Dimethoxybenzidine	204-355-4,	119-90-4		11				709		y					y
			o-Dianisidine based azo dyes								711							
3,3'-dichlorobenzidine	202-109-0	91-94-1	3,3'-d-dichlorobenzidine, 3,3'-Dichlorobenzidine, 3,3'-Dichlorobenzidine	202-109-0,	91-94-1		10				712	y	y					y
Benzidine dihydrochloride	208-519-6	531-85-1	Benzidine dihydrochloride	208-519-6	531-85-1						713		y					
[[1,1'-biphenyl]-4,4'-diyl]diammonium sulphate	208-520-1	531-86-2	[[1,1'-Biphenyl]-4,4'-diyl]diammonium sulphate	208-520-1	531-86-2						714		y					
3,3'-dichlorobenzidine dihydrochloride	210-323-0	612-83-9	3,3'-Dichlorobenzidine dihydrochloride	210-323-0	612-83-9	y					715							
Benzidine sulphate	244-236-4	21136-70-9	Benzidine sulphate	244-236-4	21136-70-9						716		y					
Benzidine acetate	252-984-8	36341-27-2	Benzidine acetate	252-984-8	36341-27-2						717		y					
3,3'-dichlorobenzidine dihydrogen bis(sulphate)	265-293-1	64969-34-2	3,3'-Dichlorobenzidine dihydrogen bis(sulphate)	265-293-1	64969-34-2						718							
3,3'-dichlorobenzidine sulphate	277-822-3	74332-73-3	3,3'-Dichlorobenzidine sulphate	277-822-3	74332-73-3						719							
			Benzidine based azo dyes								720							
4,4'-bi-o-toluidine	204-358-0	119-93-7	3,3'-dimethylbenzidine, 4,4'-Bi-o-toluidine (ortho-Tolidine), 3,3'-Dimethylbenzidine	204-358-0,	119-93-7		12				721		y					y
4,4'-bi-o-toluidine dihydrochloride	210-322-5	612-82-8	4,4'-Bi-o-toluidine dihydrochloride	210-322-5	612-82-8						722		y					
[3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl]diammonium	265-294-7	64969-36-4	[3,3'-Dimethyl[1,1'-biphenyl]-4,4'-diyl]diammonium	265-294-7	64969-36-4						723		y					

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

nium bis(hydrogen sulphate)			bis(hydrogen sulphate)																
4,4'-bi- <i>o</i> -toluidine sulphate	277-985-0	74753-18-7	4,4'-Bi- <i>o</i> -toluidine sulphate	277-985-0	74753-18-7							724		y					
4,4'-diaryazo-3,3'-dimethylbiphenyl dyes, with the exception of those mentioned elsewhere in this Annex	-	-	<i>o</i> -Tolidine based dyes									725		y					
Biphenyl-4-ylamine	202-177-1	92-67-1	Biphenyl-4-ylamine, Biphenyl-4-ylamine (4-Aminobiphenyl) and its salts	202-177-1,	92-67-1							726		y					y
Azobenzene	203-102-5	103-33-3	Azobenzene	203-102-5	103-33-3						7	727		y					
(methyl-ONN-azoxy)methyl acetate	209-765-7	592-62-1	(Methyl-ONN-azoxy)methyl acetate	209-765-7	592-62-1							728		y		y			
Cicloheximide	200-636-0	66-81-9	Cycloheximide	200-636-0	66-81-9							729		y		y			
2-methylaziridine	200-878-7	75-55-8	2-Methylaziridine	200-878-7	75-55-8	y						730		y					y
Imidazolidine-2-thione	202-506-9	96-45-7	Imidazolidine-2-thione (Ethylene thiourea)	202-506-9	96-45-7							731						y	
Furan	203-727-3	110-00-9	Furan	203-727-3	110-00-9							732		y					y
Aziridine	205-793-9	151-56-4	Aziridine	205-793-9	151-56-4							733		y					y
Captafol	219-363-3	2425-06-1	Captafol	219-363-3	2425-06-01							734		y		y			
Carbadox	229-879-0	6804-07-5	Carbadox	229-879-0	6804-07-05							735				y			
2-[7-fluoro-3-oxo-4-(prop-2-yn-1-yl)-3,4-dihydro-2H-1,4-benzoxazin-6-yl]-4,5,6,7-tetrahydro-1H-isoindole-1,3(2H)-dione	600-425-7	103361-09-7	Flumioxazin		103361-09-7							736							y
Tridemorph	246-347-3	24602-86-6	Tridemorph	246-347-3	24602-86-6							737						y	y
N-3,5-dichlorophenyl-5-methyl-5-vinyl-1,3-oxazolidine-2,4-dione	256-599-6	50471-44-8	Vinclozolin	256-599-6	50471-44-8							738		y		y		y	
bis(4-fluorophenyl)(methyl)(1H-1,2,4-triazol-1-ylmethyl)silane	617-717-5	85509-19-9	Flusilazole		85509-19-9							740				y		y	
1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-	219-514-3	2451-62-9	1,3,5-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5	219-514-3	2451-62-9							741		y		y			y

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2,4,6(1H,3H,5H)-trione			H)-trione (TGIC)																
Thioacetamide	200-541-4	62-55-5	Thioacetamide	200-541-4	62-55-5	y						742			y			y	
Formamide	200-842-0	75-12-7	Formamide	200-842-0	75-12-7	y						744				y			
N-methylacetamide	201-182-6	79-16-3	N-Methylacetamide	201-182-6	79-16-3	y						745				y			
N-methylformamide	204-624-6	123-39-7	N-Methylformamide	204-624-6	123-39-7	y						746				y			
N,N-dimethylacetamide	204-826-4	127-19-5	N,N-Dimethylacetamide	204-826-4	127-19-5	y						747				y			
Hexamethyl phosphoric triamide	211-653-8	680-31-9	Hexamethyl phosphoric triamide	211-653-8	680-31-9							748			y				
Diethyl sulphate	200-589-6	64-67-5	Diethyl sulphate	200-589-6	64-67-5	y						749			y			y	
Dimethyl sulphate	201-058-1	77-78-1	Dimethyl sulphate	201-058-1	77-78-1	y						750	y	y				y	
1,3-propanesultone	214-317-9	1120-71-4	1,3-Propanesultone	214-317-9	1120-71-4	y						751			y				
Dimethylsulphamoyl chloride	236-412-4	13360-57-1	Dimethylsulphamoyl-chloride	236-412-4	13360-57-1	y						752			y			y	
Sulfallate	202-388-9	95-06-7	Sulfallate	202-388-9	95-06-7							753			y				
A mixture of: 4-[[bis-(4-fluorophenyl)methylsilyl]methyl]-4H-1,2,4-triazole; 1-[[bis-(4-fluorophenyl)methylsilyl]methyl]-1H-1,2,4-triazole	403-250-2	-	A mixture of: 4-[[bis-(4-Fluorophenyl)methylsilyl]methyl]-4H-1,2,4-triazole and 1-[[bis-(4-fluorophenyl)methylsilyl]methyl]-1H-1,2,4-triazole	403-250-2		y						754			y		y		
(+/-) tetrahydrofurfuryl (R)-2-[4-(6-chloroquinoxalin-2-yloxy)phenyloxy]propionate	414-200-4	119738-06-6	(+/-)-Tetrahydrofurfuryl -(R)-2-[4-(6-chloroquinoxalin-2-yloxy)phenyloxy]propionate		119738-06-6	y						755			y		y		
(A±)-Tetrahydrofurfuryl (R)-2-[4-(6-chloroquinoxalin-2-yloxy)phenyloxy]propionate	601-628-3	119738-06-6	(+/-)-Tetrahydrofurfuryl -(R)-2-[4-(6-chloroquinoxalin-2-yloxy)phenyloxy]propionate		119738-06-6							755							
6-hydroxy-1-(3-isopropoxypropyl)-4-methyl-2-oxo-5-[4-(phenylazo)phenylazo]-1,2-dihydro-3-pyridinecarbonitrile	400-340-3	85136-74-9	6-Hydroxy-1-(3-Isopropoxypropyl)-4-methyl-2-oxo-5-[4-(phenylazo)phenylazo]-1,2-dihydro-3-pyridinecarbonitrile	400-340-3	85136-74-9	y						756			y				
(6-(4-hydroxy-3-(2-methoxyphenylazo)-2-sulfonato-7-	402-060-7	108225-03-2	(6-(4-Hydroxy-3-(2-methoxyphenylazo)-2-sulfonato-7-naphthylamino	402-060-7	108225-03-2	y						757			y			y	

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asbestos	616-472-1	77536-67-5	Asbestos		12001-28-4						76 2		y				
asbestos	601-801-3	12172-73-5	Asbestos		12001-28-4						76 2		y				
asbestos	601-650-3	12001-29-5, 132207-32-0	Asbestos		12001-28-4						76 2		y				
asbestos	601-649-8	12001-28-4	Asbestos		12001-28-4						76 2		y				
asbestos	-	132207-32-0	Asbestos		12001-28-4						76 2		y				
Petroleum	232-298-5	8002-05-9	Petroleum	232-298-5	8002-05-09						76 3		y				
Distillates (petroleum), heavy hydrocracked	265-077-7	64741-76-0	Distillates (petroleum), heavy hydrocracked, if they contain > 3 % w/w DMSO extract	265-077-7	64741-76-0	y					76 4		y				
Distillates (petroleum), solvent-refined heavy paraffinic	265-090-8	64741-88-4	Distillates (petroleum), solvent-refined heavy paraffinic, if they contain > 3 % w/w DMSO extract	265-090-8	64741-88-4	y					76 5		y				
Distillates (petroleum), solvent-refined light paraffinic	265-091-3	64741-89-5	Distillates (petroleum), solvent-refined light paraffinic, if they contain > 3 % w/w DMSO extract	265-091-3	64741-89-5	y					76 6		y				
Residual oils (petroleum), solvent deasphalted	265-096-0	64741-95-3	Residual oils (petroleum), solvent deasphalted, if they contain > 3 % w/w DMSO extract	265-096-0	64741-95-3	y					76 7		y				
Distillates (petroleum), solvent-refined heavy naphthenic	265-097-6	64741-96-4	Distillates (petroleum), solvent-refined heavy naphthenic, if they contain > 3 % w/w DMSO extract	265-097-6	64741-96-4	y					76 8		y				
Distillates (petroleum), solvent-refined light naphthenic	265-098-1	64741-97-5	Distillates (petroleum), solvent-refined light naphthenic, if they contain > 3 % w/w DMSO extract	265-098-1	64741-97-5	y					76 9		y				
Residual oils (petroleum), solvent-refined	265-101-6	64742-01-4	Residual oils (petroleum), solvent-refined, if they contain > 3 % w/w DMSO extract	265-101-6	64742-01-4	y					77 0		y				
Distillates (petroleum), clay-treated heavy paraffinic	265-137-2	64742-36-5	Distillates (petroleum), clay-treated heavy paraffinic, if they contain > 3 % w/w DMSO extract	265-137-2	64742-36-5						77 1		y				
Distillates (petroleum), clay-treated light paraffinic	265-138-8	64742-37-6	Distillates (petroleum), clay-treated light paraffinic, if they contain	265-138-8	64742-37-6						77 2		y				

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

			> 3 % w/w DMSO extract															
Residual oils (petroleum), clay-treated	265-143-5	64742-41-2	Residual oils (petroleum), clay-treated, if they contain > 3 % w/w DMSO extract	265-143-5	64742-41-2							773		y				
Distillates (petroleum), clay-treated heavy naphthenic	265-146-1	64742-44-5	Distillates (petroleum), clay-treated heavy naphthenic, if they contain > 3 % w/w DMSO extract	265-146-1	64742-44-5	y						774		y				
Distillates (petroleum), clay-treated light naphthenic	265-147-7	64742-45-6	Distillates (petroleum), clay-treated light naphthenic, if they contain > 3 % w/w DMSO extract	265-147-7	64742-45-6							775		y				
Distillates (petroleum), hydrotreated heavy naphthenic	265-155-0	64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic, if they contain > 3 % w/w DMSO extract	265-155-0	64742-52-5	y						776		y				
Distillates (petroleum), hydrotreated light naphthenic	265-156-6	64742-53-6	Distillates (petroleum), hydrotreated light naphthenic, if they contain > 3 % w/w DMSO extract	265-156-6	64742-53-6	y						777		y				
Distillates (petroleum), hydrotreated heavy paraffinic	265-157-1	64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic, if they contain > 3 % w/w DMSO extract	265-157-1	64742-54-7	y						778		y				
Distillates (petroleum), hydrotreated light paraffinic	265-158-7	64742-55-8	Distillates (petroleum), hydrotreated light paraffinic, if they contain > 3 % w/w DMSO extract	265-158-7	64742-55-8	y						779		y				
Distillates (petroleum), solvent-dewaxed light paraffinic	265-159-2	64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic, if they contain > 3 % w/w DMSO extract	265-159-2	64742-56-9	y						780		y				
Residual oils (petroleum), hydrotreated	265-160-8	64742-57-0	Residual oils (petroleum), hydrotreated, if they contain > 3 % w/w DMSO extract	265-160-8	64742-57-0	y						781		y				
Residual oils (petroleum), solvent-dewaxed	265-166-0	64742-62-7	Residual oils (petroleum), solvent-dewaxed, if they contain > 3 % w/w DMSO extract	265-166-0	64742-62-7	y						782		y				
Distillates (petroleum), solvent-dewaxed	265-167-6	64742-63-8	Distillates (petroleum), solvent-dewaxed	265-167-6	64742-63-8							783		y				

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

heavy naphthenic			heavy naphthenic, if they contain > 3 % w/w DMSO extract															
Distillates (petroleum), solvent-dewaxed light naphthenic	265-168-1	64742-64-9	Distillates (petroleum), solvent-dewaxed light naphthenic, if they contain > 3 % w/w DMSO extract	265-168-1	64742-64-9									784		y		
Distillates (petroleum), solvent-dewaxed heavy paraffinic	265-169-7	64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic, if they contain > 3 % w/w DMSO extract	265-169-7	64742-65-0	y								785		y		
Foots oil (petroleum)	265-171-8	64742-67-2	Foots oil (petroleum), if it contains > 3 % w/w DMSO extract	265-171-8	64742-67-2	y								786		y		
Naphthenic oils (petroleum), catalytic dewaxed heavy	265-172-3	64742-68-3	Naphthenic oils (petroleum), catalytic dewaxed heavy, if they contain > 3 % w/w DMSO extract	265-172-3	64742-68-3									787		y		
Naphthenic oils (petroleum), catalytic dewaxed light	265-173-9	64742-69-4	Naphthenic oils (petroleum), catalytic dewaxed light, if they contain > 3 % w/w DMSO extract	265-173-9	64742-69-4									788		y		
Paraffin oils (petroleum), catalytic dewaxed heavy	265-174-4	64742-70-7	Paraffin oils (petroleum), catalytic dewaxed heavy, if they contain > 3 % w/w DMSO extract	265-174-4	64742-70-7	y								789		y		
Paraffin oils (petroleum), catalytic dewaxed light	265-176-5	64742-71-8	Paraffin oils (petroleum), catalytic dewaxed light, if they contain > 3 % w/w DMSO extract	265-176-5	64742-71-8	y								790		y		
Naphthenic oils (petroleum), complex dewaxed heavy	265-179-1	64742-75-2	Naphthenic oils (petroleum), complex dewaxed heavy, if they contain > 3 % w/w DMSO extract	265-179-1	64742-75-2									791		y		
Naphthenic oils (petroleum), complex dewaxed light	265-180-7	64742-76-3	Naphthenic oils (petroleum), complex dewaxed light, if they contain > 3 % w/w DMSO extract	265-180-7	64742-76-3									792		y		
Extracts (petroleum), heavy naphthenic	272-175-3	68783-00-6	Extracts (petroleum), heavy naphthenic	272-175-3	68783-00-6									793		y		

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distillate solvent, arom. conc.			distillate solvent, arom. Conc., if they contain > 3 % w/w DMSO extract																
Extracts (petroleum), solvent-refined heavy paraffinic distillate solvent	272-180-0	68783-04-0	Extracts (petroleum), solvent-refined heavy paraffinic distillate solvent, if they contain > 3 % w/w DMSO extract	272-180-0	68783-04-0	y							794		y				
Extracts (petroleum), heavy paraffinic distillates, solvent-deasphalted	272-342-0	68814-89-1	Extracts (petroleum), heavy paraffinic distillates, solvent-deasphalted, if they contain > 3 % w/w DMSO extract	272-342-0	68814-89-1	y							795		y				
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, high-viscosity	276-736-3	72623-85-9	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, high-viscosity, if they contain > 3 % w/w DMSO extract	276-736-3	72623-85-9	y							796		y				
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	276-737-9	72623-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based, if they contain > 3 % w/w DMSO extract	276-737-9	72623-86-0	y							797		y				
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	276-738-4	72623-87-1	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, if they contain > 3 % w/w DMSO extract	276-738-4	72623-87-1	y							798		y				
Lubricating oils	278-012-2	74869-22-0	Lubricating oils, if they contain > 3 % w/w DMSO extract	278-012-2	74869-22-0	y							799		y				
Distillates (petroleum), complex dewaxed heavy paraffinic	292-613-7	90640-91-8	Distillates (petroleum), complex dewaxed heavy paraffinic, if they contain > 3 % w/w DMSO extract	292-613-7	90640-91-8								800		y				
Distillates (petroleum), complex dewaxed light paraffinic	292-614-2	90640-92-9	Distillates (petroleum), complex dewaxed light paraffinic, if they contain > 3 % w/w DMSO extract	292-614-2	90640-92-9								801		y				
Distillates (petroleum), solvent dewaxed	292-616-3	90640-94-1	Distillates (petroleum), solvent dewaxed	292-616-3	90640-94-1								802		y				

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heavy paraffinic, clay-treated			heavy paraffinic, clay-treated, if they contain > 3 % w/w DMSO extract																
Hydrocarbons, C20-50, solvent dewaxed heavy paraffinic, hydrotreated	292-617-9	90640-95-2	Hydrocarbons, C20-50, solvent dewaxed heavy paraffinic, hydrotreated, if they contain > 3 % w/w DMSO extract	292-617-9	90640-95-2									803		y			
Distillates (petroleum), solvent dewaxed light paraffinic, clay-treated	292-618-4	90640-96-3	Distillates (petroleum), solvent dewaxed light paraffinic, clay-treated, if they contain > 3 % w/w DMSO extract	292-618-4	90640-96-3									804		y			
Distillates (petroleum), solvent dewaxed light paraffinic, hydrotreated	292-620-5	90640-97-4	Distillates (petroleum), solvent dewaxed light paraffinic, hydrotreated, if they contain > 3 % w/w DMSO extract	292-620-5	90640-97-4									805		y			
Extracts (petroleum), heavy naphthenic distillate solvent, hydrotreated	292-631-5	90641-07-9	Extracts (petroleum), heavy naphthenic distillate solvent, hydrotreated, if they contain > 3 % w/w DMSO extract	292-631-5	90641-07-9									806		y			
Extracts (petroleum), heavy paraffinic distillate solvent, hydrotreated	292-632-0	90641-08-0	Extracts (petroleum), heavy paraffinic distillate solvent, hydrotreated, if they contain > 3 % w/w DMSO extract	292-632-0	90641-08-0									807		y			
Extracts (petroleum), light paraffinic distillate solvent, hydrotreated	292-633-6	90641-09-1	Extracts (petroleum), light paraffinic distillate solvent, hydrotreated, if they contain > 3 % w/w DMSO extract	292-633-6	90641-09-1									808		y			
Residual oils (petroleum), hydrotreated solvent dewaxed	292-656-1	90669-74-2	Residual oils (petroleum), hydrotreated solvent dewaxed, if they contain > 3 % w/w DMSO extract	292-656-1	90669-74-2			y						809		y			
Residual oils (petroleum), catalytic dewaxed	294-843-3	91770-57-9	Residual oils (petroleum), catalytic dewaxed, if they contain > 3 % w/w DMSO extract	294-843-3	91770-57-9			y						810		y			
Distillates (petroleum),	295-300-3	91995-39-0	Distillates (petroleum),	295-300-3	91995-39-0									811		y			

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dewaxed heavy paraffinic, hydrotreated			dewaxed heavy paraffinic, hydrotreated, if they contain > 3 % w/w DMSO extract															
Distillates (petroleum), dewaxed light paraffinic, hydrotreated	295-301-9	91995-40-3	Distillates (petroleum), dewaxed light paraffinic, hydrotreated, if they contain > 3 % w/w DMSO extract	295-301-9	91995-40-3	y					812		y					
Distillates (petroleum), hydrocracked solvent-refined, dewaxed	295-306-6	91995-45-8	Distillates (petroleum), hydrocracked solvent-refined, dewaxed, if they contain > 3 % w/w DMSO extract	295-306-6	91995-45-8						813		y					
Distillates (petroleum), solvent-refined light naphthenic, hydrotreated	295-316-0	91995-54-9	Distillates (petroleum), solvent-refined light naphthenic, hydrotreated, if they contain > 3 % w/w DMSO extract	295-316-0	91995-54-9						814		y					
Extracts (petroleum), hydrotreated light paraffinic distillate solvent	295-335-4	91995-73-2	Extracts (petroleum), hydrotreated light paraffinic distillate solvent, if they contain > 3 % w/w DMSO extract	295-335-4	91995-73-2						815		y					
Extracts (petroleum), light naphthenic distillate solvent, hydrodesulfurized	295-338-0	91995-75-4	Extracts (petroleum), light naphthenic distillate solvent, hydrodesulfurized, if they contain > 3 % w/w DMSO extract	295-338-0	91995-75-4						816		y					
Extracts (petroleum), light paraffinic distillate solvent, acid-treated	295-339-6	91995-76-5	Extracts (petroleum), light paraffinic distillate solvent, acid-treated, if they contain > 3 % w/w DMSO extract	295-339-6	91995-76-5						817		y					
Extracts (petroleum), light paraffinic distillate solvent, hydrodesulfurized	295-340-1	91995-77-6	Extracts (petroleum), light paraffinic distillate solvent, hydrodesulfurized, if they contain > 3 % w/w DMSO extract	295-340-1	91995-77-6						818		y					
Extracts (petroleum), light vacuum gas oil solvent, hydrotreated	295-342-2	91995-79-8	Extracts (petroleum), light vacuum gas oil solvent, hydrotreated, if they contain > 3 % w/w DMSO extract	295-342-2	91995-79-8						819		y					

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			w/w DMSO extract																	
Hydrocarbons, hydrocracked paraffinic distn. residues, solvent-dewaxed	297-857-8	93763-38-3	Hydrocarbons, hydrocracked paraffinic distn. residues, solvent-dewaxed, if they contain > 3 % w/w DMSO extract	297-857-8	93763-38-3														829	y
Foots oil (petroleum), acid-treated	300-225-7	93924-31-3	Foots oil (petroleum), acid-treated, if it contains > 3 % w/w DMSO extract	300-225-7	93924-31-3														830	y
Foots oil (petroleum), clay-treated	300-226-2	93924-32-4	Foots oil (petroleum), clay-treated, if it contains > 3 % w/w DMSO extract	300-226-2	93924-32-4	y													831	y
Hydrocarbons, C20-50, residual oil hydrogenation vacuum distillate	300-257-1	93924-61-9	Hydrocarbons, C20-50, residual oil hydrogenation vacuum distillate, if they contain > 3 % w/w DMSO extract	300-257-1	93924-61-9														832	y
Distillates (petroleum), solvent-refined hydrotreated heavy, hydrogenated	305-588-5	94733-08-1	Distillates (petroleum), solvent-refined hydrotreated heavy, hydrogenated, if they contain > 3 % w/w DMSO extract	305-588-5	94733-08-1	y													833	y
Distillates (petroleum), solvent-refined hydrocracked light	305-589-0	94733-09-2	Distillates (petroleum), solvent-refined hydrocracked light, if they contain > 3 % w/w DMSO extract	305-589-0	94733-09-2														834	y
Lubricating oils (petroleum), C18-40, solvent-dewaxed hydrocracked distillate-based	305-594-8	94733-15-0	Lubricating oils (petroleum), C18-40, solvent-dewaxed hydrocracked distillate-based, if they contain > 3 % w/w DMSO extract	305-594-8	94733-15-0	y													835	y
Lubricating oils (petroleum), C18-40, solvent-dewaxed hydrogenated raffinate-based	305-595-3	94733-16-1	Lubricating oils (petroleum), C18-40, solvent-dewaxed hydrogenated raffinate-based, if they contain > 3 % w/w DMSO extract	305-595-3	94733-16-1														836	y
Hydrocarbons, C13-30, arom.-rich, solvent-extd. naphthenic distillate	305-971-7	95371-04-3	Hydrocarbons, C13-30, arom.-rich, solvent-extd. naphthenic distillate, if they contain >	305-971-7	95371-04-3														837	y

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			3 % w/w DMSO extract																	
Hydrocarbons, C16-32, arom. rich, solvent-extd. naphthenic distillate	305-972-2	95371-05-4	Hydrocarbons, C16-32, arom. rich, solvent-extd. naphthenic distillate, if they contain > 3 % w/w DMSO extract	305-972-2	95371-05-4														838	y
Hydrocarbons, C37-68, dewaxed deasphalted hydrotreated vacuum distn. residues	305-974-3	95371-07-6	Hydrocarbons, C37-68, dewaxed deasphalted hydrotreated vacuum distn. Residues, if they contain > 3 % w/w DMSO extract	305-974-3	95371-07-6														839	y
Hydrocarbons, C37-65, hydrotreated deasphalted vacuum distn. residues	305-975-9	95371-08-7	Hydrocarbons, C37-65, hydrotreated deasphalted vacuum distn. Residues, if they contain > 3 % w/w DMSO extract	305-975-9	95371-08-7														840	y
Distillates (petroleum), hydrocracked solvent-refined light	307-010-7	97488-73-8	Distillates (petroleum), hydrocracked solvent-refined light, if they contain > 3 % w/w DMSO extract	307-010-7	97488-73-8														841	y
Distillates (petroleum), solvent-refined hydrogenated heavy	307-011-2	97488-74-9	Distillates (petroleum), solvent-refined hydrogenated heavy, if they contain > 3 % w/w DMSO extract	307-011-2	97488-74-9														842	y
Lubricating oils (petroleum), C18-27, hydrocracked solvent-dewaxed	307-034-8	97488-95-4	Lubricating oils (petroleum), C18-27, hydrocracked solvent-dewaxed, if they contain > 3 % w/w DMSO extract	307-034-8	97488-95-4														843	y
Hydrocarbons, C17-30, hydrotreated solvent-deasphalted atm. distn. residue, distn. lights	307-661-7	97675-87-1	Hydrocarbons, C17-30, hydrotreated solvent-deasphalted atm. distn. residue, distn. lights, if they contain > 3 % w/w DMSO extract	307-661-7	97675-87-1														844	y
Hydrocarbons, C17-40, hydrotreated solvent-deasphalted distn. residue, vacuum distn. lights	307-755-8	97722-06-0	Hydrocarbons, C17-40, hydrotreated solvent-deasphalted distn. residue, vacuum distn. lights, if they contain > 3 % w/w DMSO extract	307-755-8	97722-06-0														845	y
Hydrocarbons, C13-27, solvent-	307-758-4	97722-09-3	Hydrocarbons, C13-27, solvent-extd.	307-758-4	97722-09-3														846	y

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extd. light naphthenic			light naphthenic, if they contain > 3 % w/w DMSO extract																
Hydrocarbons, C14-29, solvent-extd. light naphthenic	307-760-5	97722-10-6	Hydrocarbons, C14-29, solvent-extd. light naphthenic, if they contain > 3 % w/w DMSO extract	307-760-5	97722-10-6									847		y			
Foots oil (petroleum), carbon-treated	308-126-0	97862-76-5	Foots oil (petroleum), carbon-treated, if it contains > 3 % w/w DMSO extract	308-126-0	97862-76-5									848		y			
Foots oil (petroleum), silicic acid-treated	308-127-6	97862-77-6	Foots oil (petroleum), silicic acid-treated, if it contains > 3 % w/w DMSO extract	308-127-6	97862-77-6									849		y			
Hydrocarbons, C27-42, dearomatized	308-131-8	97862-81-2	Hydrocarbons, C27-42, dearomatized, if they contain > 3 % w/w DMSO extract	308-131-8	97862-81-2									850		y			
Hydrocarbons, C17-30, hydrotreated distillates, distn. lights	308-132-3	97862-82-3	Hydrocarbons, C17-30, hydrotreated distillates, distn. Lights, if they contain > 3 % w/w DMSO extract	308-132-3	97862-82-3				y					851		y			
Hydrocarbons, C27-45, naphthenic vacuum distn.	308-133-9	97862-83-4	Hydrocarbons, C27-45, naphthenic vacuum distn., if they contain > 3 % w/w DMSO extract	308-133-9	97862-83-4									852		y			
Hydrocarbons, C27-45, dearomatized	308-287-7	97926-68-6	Hydrocarbons, C27-45, dearomatized, if they contain > 3 % w/w DMSO extract	308-287-7	97926-68-6									853		y			
Hydrocarbons, C20-58, hydrotreated	308-289-8	97926-70-0	Hydrocarbons, C20-58, hydrotreated, if they contain > 3 % w/w DMSO extract	308-289-8	97926-70-0									854		y			
Hydrocarbons, C27-42, naphthenic	308-290-3	97926-71-1	Hydrocarbons, C27-42, naphthenic, if they contain > 3 % w/w DMSO extract	308-290-3	97926-71-1									855		y			
Extracts (petroleum), light paraffinic distillate solvent, carbon-treated	309-672-2	100684-02-4	Extracts (petroleum), light paraffinic distillate solvent, carbon-treated, if they contain > 3 % w/w DMSO extract	309-672-2	100684-02-4									856		y			
Extracts (petroleum), light paraffinic	309-673-8	100684-03-5	Extracts (petroleum), light paraffinic distillate	309-673-8	100684-03-5									857		y			

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

distillate solvent, clay-treated			solvent, clay-treated, if they contain > 3 % w/w DMSO extract																
Extracts (petroleum), light vacuum, gas oil solvent, carbon-treated	309-674-3	100684-04-6	Extracts (petroleum), light vacuum, gas oil solvent, carbon-treated, if they contain > 3 % w/w DMSO extract	309-674-3	100684-04-6							858							y
Extracts (petroleum), light vacuum gas oil solvent, clay-treated	309-675-9	100684-05-7	Extracts (petroleum), light vacuum gas oil solvent, clay-treated, if they contain > 3 % w/w DMSO extract	309-675-9	100684-05-7							859							y
Residual oils (petroleum), carbon-treated solvent-dewaxed	309-710-8	100684-37-5	Residual oils (petroleum), carbon-treated solvent-dewaxed, if they contain > 3 % w/w DMSO extract	309-710-8	100684-37-5							860							y
Residual oils (petroleum), clay-treated solvent-dewaxed	309-711-3	100684-38-6	Residual oils (petroleum), clay-treated solvent-dewaxed, if they contain > 3 % w/w DMSO extract	309-711-3	100684-38-6							861							y
Lubricating oils (petroleum), C>25, solvent-extd., deasphalted, dewaxed, hydrogenated	309-874-0	101316-69-2	Lubricating oils (petroleum), C>25, solvent-extd., deasphalted, dewaxed, hydrogenated, if they contain > 3 % w/w DMSO extract	309-874-0	101316-69-2							862							y
Lubricating oils (petroleum), C17-32, solvent-extd., dewaxed, hydrogenated	309-875-6	101316-70-5	Lubricating oils (petroleum), C17-32, solvent-extd., dewaxed, hydrogenated, if they contain > 3 % w/w DMSO extract	309-875-6	101316-70-5							863							y
Lubricating oils (petroleum), C20-35, solvent-extd., dewaxed, hydrogenated	309-876-1	101316-71-6	Lubricating oils (petroleum), C20-35, solvent-extd., dewaxed, hydrogenated, if they contain > 3 % w/w DMSO extract	309-876-1	101316-71-6							864							y
Lubricating oils (petroleum), C24-50, solvent-extd., dewaxed, hydrogenated	309-877-7	101316-72-7	Lubricating oils (petroleum), C24-50, solvent-extd., dewaxed, hydrogenated, if they contain > 3 % w/w DMSO extract	309-877-7	101316-72-7							865							y
Distillates (petroleum), sweetened middle	265-088-7	64741-86-2	Distillates (petroleum), sweetened middle, except if the full	265-088-7	64741-86-2							866							y

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Gas oils (petroleum), chemically neutralized	265-129-9	64742-29-6	Gas oils (petroleum), chemically neutralised, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	265-129-9	64742-29-6						87 2		y				
Distillates (petroleum), chemically neutralized middle	265-130-4	64742-30-9	Distillates (petroleum), chemically neutralised middle, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	265-130-4	64742-30-9						87 3		y				
Distillates (petroleum), clay-treated middle	265-139-3	64742-38-7	Distillates (petroleum), clay-treated middle, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	265-139-3	64742-38-7						87 4		y				
Gas oils (petroleum), hydrodesulfurized	265-182-8	64742-79-6	Gas oils (petroleum), hydrodesulfurised, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	265-182-8	64742-79-6	y					87 6		y				
Distillates (petroleum), hydrodesulfurized middle	265-183-3	64742-80-9	Distillates (petroleum), hydrodesulfurised middle, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	265-183-3	64742-80-9	y					87 7		y				
Distillates (petroleum), catalytic reformer fractionator residue, high-boiling	270-719-4	68477-29-2	Distillates (petroleum), catalytic reformer fractionator residue, high-boiling,	270-719-4	68477-29-2						87 8		y				

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

			except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen															
Distillates (petroleum), catalytic reformer fractionator residue, intermediate-boiling	270-721-5	68477-30-5	Distillates (petroleum), catalytic reformer fractionator residue, intermediate-boiling, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	270-721-5	68477-30-5							879		y				
Distillates (petroleum), catalytic reformer fractionator residue, low-boiling	270-722-0	68477-31-6	Distillates (petroleum), catalytic reformer fractionator residue, low-boiling, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	270-722-0	68477-31-6							880		y				
Alkanes, C12-26-branched and linear	292-454-3	90622-53-0	Alkanes, C12-26, branched and linear, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	292-454-3	90622-53-0	y						881		y				
Distillates (petroleum), highly refined middle	292-615-8	90640-93-0	Distillates (petroleum), highly refined middle, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	292-615-8	90640-93-0							882		y				
Distillates (petroleum), catalytic reformer,	295-294-2	91995-34-5	Distillates (petroleum), catalytic reformer, heavy arom.	295-294-2	91995-34-5							883		y				

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

heavy arom. conc.			conc., except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen																
Gas oils, paraffinic	300-227-8	93924-33-5	Gas oils, paraffinic, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	300-227-8	93924-33-5	y					884		y						
Naphtha (petroleum), solvent-refined hydrodesulfurized heavy	307-035-3	97488-96-5	Naphtha (petroleum), solvent-refined hydrodesulfurized heavy, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	307-035-3	97488-96-5						885		y						
Hydrocarbons, C16-20, hydrotreated middle distillate, distn. lights	307-659-6	97675-85-9	Hydrocarbons, C16-20, hydrotreated middle distillate, distn. Lights, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	307-659-6	97675-85-9						886		y						
Hydrocarbons, C12-20, hydrotreated paraffinic, distn. lights	307-660-1	97675-86-0	Hydrocarbons, C12-20, hydrotreated paraffinic, distn. lights, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	307-660-1	97675-86-0						887		y						
Hydrocarbons, C11-17, solvent-extd. light naphthenic	307-757-9	97722-08-2	Hydrocarbons, C11-17, solvent-extd. light naphthenic, except if the full refining	307-757-9	97722-08-2						888		y						

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

			history is known and it can be shown that the substance from which it is produced is not a carcinogen															
Gas oils, hydrotreated	308-128-1	97862-78-7	Gas oils, hydrotreated, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	308-128-1	97862-78-7							889		y				
Distillates (petroleum), carbon-treated light paraffinic	309-667-5	100683-97-4	Distillates (petroleum), carbon-treated light paraffinic, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	309-667-5	100683-97-4							890		y				
Distillates (petroleum), intermediate paraffinic, carbon-treated	309-668-0	100683-98-5	Distillates (petroleum), intermediate paraffinic, carbon-treated, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	309-668-0	100683-98-5							891		y				
Distillates (petroleum), intermediate paraffinic, clay-treated	309-669-6	100683-99-6	Distillates (petroleum), intermediate paraffinic, clay-treated, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	309-669-6	100683-99-6							892		y				
Lubricating greases	278-011-7	74869-21-9	Lubricating greases, except if the full refining history is known and it can be shown that the substance from which it	278-011-7	74869-21-9							893		y				

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

			is produced is not a carcinogen																
Slack wax (petroleum)	265-165-5	64742-61-6	Slack wax (petroleum), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	265-165-5	64742-61-6	y						89 4		y					
Slack wax (petroleum), acid-treated	292-659-8	90669-77-5	Slack wax (petroleum), acid-treated, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	292-659-8	90669-77-5							89 5		y					
Slack wax (petroleum), clay-treated	292-660-3	90669-78-6	Slack wax (petroleum), clay-treated, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	292-660-3	90669-78-6	y						89 6		y					
Slack wax (petroleum), hydrotreated	295-523-6	92062-09-4	Slack wax (petroleum), hydrotreated, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	295-523-6	92062-09-4	y						89 7		y					
Slack wax (petroleum), low-melting	295-524-1	92062-10-7	Slack wax (petroleum), low-melting, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	295-524-1	92062-10-7							89 8		y					
Slack wax (petroleum), low-melting, hydrotreated	295-525-7	92062-11-8	Slack wax (petroleum), low-melting, hydrotreated, except if the full refining history is known and it	295-525-7	92062-11-8							89 9		y					

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

			can be shown that the substance from which it is produced is not a carcinogen															
Slack wax (petroleum), low-melting, carbon-treated	308-155-9	97863-04-2	Slack wax (petroleum), low-melting, carbon-treated, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	308-155-9	97863-04-2								900		y			
Slack wax (petroleum), low-melting, clay-treated	308-156-4	97863-05-3	Slack wax (petroleum), low-melting, clay-treated, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	308-156-4	97863-05-3								901		y			
Slack wax (petroleum), low-melting, silicic acid-treated	308-158-5	97863-06-4	Slack wax (petroleum), low-melting, silicic acid-treated, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	308-158-5	97863-06-4								902		y			
Slack wax (petroleum), carbon-treated	309-723-9	100684-49-9	Slack wax (petroleum), carbon-treated, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	309-723-9	100684-49-9								903		y			
Petrolatum	232-373-2	8009-03-8	Petrolatum, except if the full refining history is known and it can be shown that the substance from which it is produced is	232-373-2	8009-03-8	y							904		y			

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

			not a carcinogen																
Petrolatum (petroleum), oxidized	265-206-7	64743-01-7	Petrolatum (petroleum), oxidised, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	265-206-7	64743-01-7	y						905	y						
Petrolatum (petroleum), alumina-treated	285-098-5	85029-74-9	Petrolatum (petroleum), alumina-treated, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	285-098-5	85029-74-9							906	y						
Petrolatum (petroleum), hydrotreated	295-459-9	92045-77-7	Petrolatum (petroleum), hydrotreated, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	295-459-9	92045-77-7	y						907	y						
Petrolatum (petroleum), carbon-treated	308-149-6	97862-97-0	Petrolatum (petroleum), carbon-treated, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	308-149-6	97862-97-0							908	y						
Petrolatum (petroleum), silicic acid-treated	308-150-1	97862-98-1	Petrolatum (petroleum), silicic acid-treated, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	308-150-1	97862-98-1							909	y						
Petrolatum (petroleum), clay-treated	309-706-6	100684-33-1	Petrolatum (petroleum), clay-treated, except if the full refining	309-706-6	100684-33-1	y						910	y						

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

			history is known and it can be shown that the substance from which it is produced is not a carcinogen																
Distillates (petroleum), light catalytic cracked	265-060-4	64741-59-9	Distillates (petroleum), light catalytic cracked	265-060-4	64741-59-9	y							911		y				
Distillates (petroleum), intermediate catalytic cracked	265-062-5	64741-60-2	Distillates (petroleum), intermediate catalytic cracked	265-062-5	64741-60-2	y							912		y				
Distillates (petroleum), light thermal cracked	265-084-5	64741-82-8	Distillates (petroleum), light thermal cracked	265-084-5	64741-82-8	y							913		y				
Distillates (petroleum), hydrodesulfurized light catalytic cracked	269-781-5	68333-25-5	Distillates (petroleum), hydrodesulfurized light catalytic cracked	269-781-5	68333-25-5	y							914		y				
Distillates (petroleum), light steam-cracked naphtha	270-662-5	68475-80-9	Distillates (petroleum), light steam-cracked naphtha	270-662-5	68475-80-9	y							915		y				
Distillates (petroleum), cracked steam-cracked petroleum distillates	270-727-8	68477-38-3	Distillates (petroleum), cracked steam-cracked petroleum distillates	270-727-8	68477-38-3	y							916		y				
Gas oils (petroleum), steam-cracked	271-260-2	68527-18-4	Gas oils (petroleum), steam-cracked	271-260-2	68527-18-4	y							917		y				
Distillates (petroleum), hydrodesulfurized thermal cracked middle	285-505-6	85116-53-6	Distillates (petroleum), hydrodesulfurized thermal cracked middle	285-505-6	85116-53-6	y							918		y				
Gas oils (petroleum), thermal-cracked, hydrodesulfurized	295-411-7	92045-29-9	Gas oils (petroleum), thermal-cracked, hydrodesulfurized	295-411-7	92045-29-9	y							919		y				
Residues (petroleum), hydrogenated steam-cracked naphtha	295-514-7	92062-00-5	Residues (petroleum), hydrogenated steam-cracked naphtha	295-514-7	92062-00-5								920		y				
Residues (petroleum), steam-cracked naphtha distn.	295-517-3	92062-04-9	Residues (petroleum), steam-cracked naphtha distn.	295-517-3	92062-04-9								921		y				
Distillates (petroleum), light catalytic cracked, thermally degraded	295-991-1	92201-60-0	Distillates (petroleum), light catalytic cracked, thermally degraded	295-991-1	92201-60-0								922		y				
Residues (petroleum), steam-	297-905-8	93763-85-0	Residues (petroleum), steam-cracked	297-905-8	93763-85-0								923		y				

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

cracked heat-soaked naphtha			heat-soaked naphtha																
Gas oils (petroleum), light vacuum, thermal-cracked hydrodesulfurized	308-278-8	97926-59-5	Gas oils (petroleum), light vacuum, thermal-cracked hydrodesulfurized	308-278-8	97926-59-5							924							y
Distillates (petroleum), hydrodesulfurized middle coker	309-865-1	101316-59-0	Distillates (petroleum), hydrodesulfurized middle coker	309-865-1	101316-59-0	y						925							y
Distillates (petroleum), heavy steam-cracked	309-939-3	101631-14-5	Distillates (petroleum), heavy steam-cracked	309-939-3	101631-14-5	y						926							y
Residues (petroleum), atm. tower	265-045-2	64741-45-3	Residues (petroleum), atm. Tower	265-045-2	64741-45-3	y						927							y
Gas oils (petroleum), heavy vacuum	265-058-3	64741-57-7	Gas oils (petroleum), heavy vacuum	265-058-3	64741-57-7	y						928							y
Distillates (petroleum), heavy catalytic cracked	265-063-0	64741-61-3	Distillates (petroleum), heavy catalytic cracked	265-063-0	64741-61-3	y						929							y
Clarified oils (petroleum), catalytic cracked	265-064-6	64741-62-4	Clarified oils (petroleum), catalytic cracked	265-064-6	64741-62-4	y						930							y
Residues (petroleum), catalytic reformer fractionator	265-069-3	64741-67-9	Residues (petroleum), catalytic reformer fractionator	265-069-3	64741-67-9	y						931							y
Residues (petroleum), hydrocracked	265-076-1	64741-75-9	Residues (petroleum), hydrocracked	265-076-1	64741-75-9	y						932							y
Residues (petroleum), thermal cracked	265-081-9	64741-80-6	Residues (petroleum), thermal cracked	265-081-9	64741-80-6	y						933							y
Distillates (petroleum), heavy thermal cracked	265-082-4	64741-81-7	Distillates (petroleum), heavy thermal cracked	265-082-4	64741-81-7	y						934							y
Gas oils (petroleum), hydrotreated vacuum	265-162-9	64742-59-2	Gas oils (petroleum), hydrotreated vacuum	265-162-9	64742-59-2	y						935							y
Residues (petroleum), hydrodesulfurized atmospheric tower	265-181-2	64742-78-5	Residues (petroleum), hydrodesulfurized atmospheric tower	265-181-2	64742-78-5	y						936							y
Gas oils (petroleum), hydrodesulfurized heavy vacuum	265-189-6	64742-86-5	Gas oils (petroleum), hydrodesulfurized heavy vacuum	265-189-6	64742-86-5	y						937							y
Residues (petroleum), steam-cracked	265-193-8	64742-90-1	Residues (petroleum), steam-cracked	265-193-8	64742-90-1	y						938							y
Residues (petroleum), atmospheric	269-777-3	68333-22-2	Residues (petroleum), atmospheric	269-777-3	68333-22-2	y						939							y
Clarified oils (petroleum), hydrodesulfurized	269-782-0	68333-26-6	Clarified oils (petroleum), hydrodesulfurized	269-782-0	68333-26-6							940							y

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ried catalytic cracked			sed catalytic cracked																
Distillates (petroleum), hydrodesulfurized intermediate catalytic cracked	269-783-6	68333-27-7	Distillates (petroleum), hydrodesulfurized intermediate catalytic cracked	269-783-6	68333-27-7							941		y					
Distillates (petroleum), hydrodesulfurized heavy catalytic cracked	269-784-1	68333-28-8	Distillates (petroleum), hydrodesulfurized heavy catalytic cracked	269-784-1	68333-28-8							942		y					
Fuel oil, residues-straight-run gas oils, high-sulfur	270-674-0	68476-32-4	Fuel oil, residues-straight-run gas oils, high-sulfur	270-674-0	68476-32-4							943		y					
Fuel oil, residual	270-675-6	68476-33-5	Fuel oil, residual	270-675-6	68476-33-5							944		y					
Residues (petroleum), catalytic reformer fractionator residue distn.	270-792-2	68478-13-7	Residues (petroleum), catalytic reformer fractionator residue distn.	270-792-2	68478-13-7							945		y					
Residues (petroleum), heavy coker gas oil and vacuum gas oil	270-796-4	68478-17-1	Residues (petroleum), heavy coker gas oil and vacuum gas oil	270-796-4	68478-17-1							946		y					
Residues (petroleum), heavy coker and light vacuum	270-983-0	68512-61-8	Residues (petroleum), heavy coker and light vacuum	270-983-0	68512-61-8							947		y					
Residues (petroleum), light vacuum	270-984-6	68512-62-9	Residues (petroleum), light vacuum	270-984-6	68512-62-9							948		y					
Residues (petroleum), steam-cracked light	271-013-9	68513-69-9	Residues (petroleum), steam-cracked light	271-013-9	68513-69-9							949		y					
Fuel oil, no. 6	271-384-7	68553-00-4	Fuel oil, No 6	271-384-7	68553-00-4							950		y					
Residues (petroleum), topping plant, low-sulfur	271-763-7	68607-30-7	Residues (petroleum), topping plant, low-sulfur	271-763-7	68607-30-7							951		y					
Gas oils (petroleum), heavy atmospheric	272-184-2	68783-08-4	Gas oils (petroleum), heavy atmospheric	272-184-2	68783-08-4							952		y					
Residues (petroleum), coker scrubber, condensed-ring-arom	272-187-9	68783-13-1	Residues (petroleum), coker scrubber, condensed-ring-arom. - contg	272-187-9	68783-13-1							953		y					
Distillates (petroleum), petroleum residues vacuum	273-263-4	68955-27-1	Distillates (petroleum), petroleum residues vacuum	273-263-4	68955-27-1							954		y					
Residues (petroleum), steam-cracked, resinous	273-272-3	68955-36-2	Residues (petroleum), steam-cracked, resinous	273-272-3	68955-36-2							955		y					
Distillates (petroleum), intermediate vacuum	274-683-0	70592-76-6	Distillates (petroleum), intermediate vacuum	274-683-0	70592-76-6							956		y					

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Distillates (petroleum), light vacuum	274-684-6	70592-77-7	Distillates (petroleum), light vacuum	274-684-6	70592-77-7	y					957		y				
Distillates (petroleum), vacuum	274-685-1	70592-78-8	Distillates (petroleum), vacuum	274-685-1	70592-78-8	y					958		y				
Gas oils (petroleum), hydrodesulfurized coker heavy vacuum	285-555-9	85117-03-9	Gas oils (petroleum), hydrodesulfurized coker heavy vacuum	285-555-9	85117-03-9						959		y				
Residues (petroleum), steam-cracked, distillates	292-657-7	90669-75-3	Residues (petroleum), steam-cracked, distillates	292-657-7	90669-75-3						960		y				
Residues (petroleum), vacuum, light	292-658-2	90669-76-4	Residues (petroleum), vacuum, light	292-658-2	90669-76-4	y					961		y				
Fuel oil, heavy, high-sulfur	295-396-7	92045-14-2	Fuel oil, heavy, high-sulfur	295-396-7	92045-14-2	y					962		y				
Residues (petroleum), catalytic cracking	295-511-0	92061-97-7	Residues (petroleum), catalytic cracking	295-511-0	92061-97-7	y					963		y				
Distillates (petroleum), intermediate catalytic cracked, thermally degraded	295-990-6	92201-59-7	Distillates (petroleum), intermediate catalytic cracked, thermally degraded	295-990-6	92201-59-7						964		y				
Residual oils (petroleum)	298-754-0	93821-66-0	Residual oils (petroleum)	298-754-0	93821-66-0	y					965		y				
Residues, steam cracked, thermally treated	308-733-0	98219-64-8	Residues, steam cracked, thermally treated	308-733-0	98219-64-8	y					966		y				
Distillates (petroleum), hydrodesulfurized full-range middle	309-863-0	101316-57-8	Distillates (petroleum), hydrodesulfurized full-range middle	309-863-0	101316-57-8						967		y				
Distillates (petroleum), light paraffinic	265-051-5	64741-50-0	Distillates (petroleum), light paraffinic	265-051-5	64741-50-0	y					968		y				
Distillates (petroleum), heavy paraffinic	265-052-0	64741-51-1	Distillates (petroleum), heavy paraffinic	265-052-0	64741-51-1	y					969		y				
Distillates (petroleum), light naphthenic	265-053-6	64741-52-2	Distillates (petroleum), light naphthenic	265-053-6	64741-52-2	y					970		y				
Distillates (petroleum), heavy naphthenic	265-054-1	64741-53-3	Distillates (petroleum), heavy naphthenic	265-054-1	64741-53-3	y					971		y				
Distillates (petroleum), acid-treated heavy naphthenic	265-117-3	64742-18-3	Distillates (petroleum), acid-treated heavy naphthenic	265-117-3	64742-18-3						972		y				
Distillates (petroleum), acid-treated light naphthenic	265-118-9	64742-19-4	Distillates (petroleum), acid-treated light naphthenic	265-118-9	64742-19-4						973		y				
Distillates (petroleum), acid-treated heavy paraffinic	265-119-4	64742-20-7	Distillates (petroleum), acid-treated heavy paraffinic	265-119-4	64742-20-7						974		y				

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Distillates (petroleum), acid-treated light paraffinic	265-121-5	64742-21-8	Distillates (petroleum), acid-treated light paraffinic	265-121-5	64742-21-8							975		y				
Distillates (petroleum), chemically neutralized heavy paraffinic	265-127-8	64742-27-4	Distillates (petroleum), chemically neutralised heavy paraffinic	265-127-8	64742-27-4							976		y				
Distillates (petroleum), chemically neutralized light paraffinic	265-128-3	64742-28-5	Distillates (petroleum), chemically neutralised light paraffinic	265-128-3	64742-28-5							977		y				
Distillates (petroleum), chemically neutralized heavy naphthenic	265-135-1	64742-34-3	Distillates (petroleum), chemically neutralised heavy naphthenic	265-135-1	64742-34-3							978		y				
Distillates (petroleum), chemically neutralized light naphthenic	265-136-7	64742-35-4	Distillates (petroleum), chemically neutralised light naphthenic	265-136-7	64742-35-4							979		y				
Extracts (petroleum), light naphthenic distillate solvent	265-102-1	64742-03-6	Extracts (petroleum), light naphthenic distillate solvent	265-102-1	64742-03-6							980		y				
Extracts (petroleum), heavy paraffinic distillate solvent	265-103-7	64742-04-7	Extracts (petroleum), heavy paraffinic distillate solvent	265-103-7	64742-04-7	y						981		y				
Extracts (petroleum), light paraffinic distillate solvent	265-104-2	64742-05-8	Extracts (petroleum), light paraffinic distillate solvent	265-104-2	64742-05-8	y						982		y				
Extracts (petroleum), heavy naphthenic distillate solvent	265-111-0	64742-11-6	Extracts (petroleum), heavy naphthenic distillate solvent	265-111-0	64742-11-6	y						983		y				
Extracts (petroleum), light vacuum gas oil solvent	295-341-7	91995-78-7	Extracts (petroleum), light vacuum gas oil solvent	295-341-7	91995-78-7							984		y				
Hydrocarbons, C26-55, arom.-rich	307-753-7	97722-04-8	Hydrocarbons, C26-55, arom.-rich	307-753-7	97722-04-8							985		y				
Disodium 3,3'-[[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate)]	209-358-4	573-58-0	Disodium 3,3'-[[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate)]	209-358-4	573-58-0							986		y	y			
Disodium 4-amino-3-[[[4'-[[[2,4-diaminophenyl]azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene	217-710-3	1937-37-7	Disodium 4-amino-3-[[[4'-[[[2,4-diaminophenyl]azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)na	217-710-3	1937-37-7							987		y	y			

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-2,7-disulphonate			phthalene-2,7-disulphonate																		
Tetrasodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis[5-amino-4-hydroxynaphthalene-2,7-disulphonate]	220-012-1	2602-46-2	Tetrasodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis[5-amino-4-hydroxynaphthalene-2,7-disulphonate]	220-012-1	2602-46-2								988					y	y		
4-o-tolylazo-o-toluidine	202-591-2	97-56-3	o-aminoazotoluene, 4-o-Tolylazo-o-toluidine, Solvent Yellow 3, o-Aminoazobenzene	202-591-2,	97-56-3								989	4	35			y	y	y	
4-aminoazobenzene	200-453-6	60-09-3	4-aminoazobenzene, 4-Aminoazobenzene, Solvent Yellow 1	200-453-6,	60-09-3	y							990	3	3			y		y	
Disodium [5-[[4'-[[[2,6-dihydroxy-3-[(2-hydroxy-5-sulphophenyl)azo]phenyl]azo][1,1'-biphenyl]-4-yl]azo]salicylate(4-)]cuprate(2-)	240-221-1	16071-86-6	Disodium[5-[[4'-[[[2,6-dihydroxy-3-[(2-hydroxy-5-sulphophenyl)azo]phenyl]azo][1,1'-biphenyl]-4-yl]azo]salicylate(4-)]cuprate(2-)	240-221-1	16071-86-6								991						y		
m-bis(2,3-epoxypropoxy)benzene	202-987-5	101-90-6	Resorcinol diglycidyl ether	202-987-5	101-90-6								992					y	y	y	
1,3-diphenylguanidine	203-002-1	102-06-7	1,3-Diphenylguanidine	203-002-1	102-06-7	y							993							y	y
Heptachlor epoxide	213-831-0	1024-57-3	Heptachlor-epoxide	213-831-0	1024-57-3								994						y		
4-nitrosophenol	203-251-6	104-91-6	4-Nitrosophenol	203-251-6	104-91-6								995						y		y
Carbendazim	234-232-0	10605-21-7	Carbendazim	234-232-0	10605-21-7								996						y		y
Allyl 2,3-epoxypropyl ether	203-442-4	106-92-3	Allyl glycidyl ether	203-442-4	106-92-3	y							997					y	y	y	y
Chloroacetaldehyde	203-472-8	107-20-0	Chloroacetaldehyde	203-472-8	107-20-0	y							998						y		y
N-hexane	203-777-6	110-54-3	Hexane	203-777-6	110-54-3	y							999							y	y
2-(2-methoxyethoxy)ethanol	203-906-6	111-77-3	2-(2-Methoxyethoxy)ethanol (Diethylene glycol monomethyl ether; DEGME)	203-906-6	111-77-3	y							1000							y	
(+/-) 2-(2,4-dichlorophenyl)-3-(1H-1,2,4-triazole-1-yl)propyl-1,1,2,2-	407-760-6	112281-77-3	(+/-)-2-(2,4-Dichlorophenyl)-3-(1H-1,2,4-triazol-1-yl)propyl-1,1,2,2-tetrafluoroethyl ether	407-760-6	112281-77-3	y							1001								

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tetrafluoroethyl ether			(Tetraconazole - ISO)																
1-[2-(2,4-dichlorophenyl)-3-(1,1,2,2-tetrafluoroethoxy)propyl]-1H-[1,2,4]triazole	691-058-1	112281-77-3	(+/-)-2-(2,4-Dichlorophenyl)-3-(1H-1,2,4-triazol-1-yl)propyl-1,1,2,2-tetrafluoroethyl ether (Tetraconazole - ISO)	407-760-6	112281-77-3														1001
[No public or meaningful name is available]	407-760-7	112281-77-3	(+/-)-2-(2,4-Dichlorophenyl)-3-(1H-1,2,4-triazol-1-yl)propyl-1,1,2,2-tetrafluoroethyl ether (Tetraconazole - ISO)	407-760-6	112281-77-3														1001
4-[4-(1,3-dihydroxyprop-2-yl)phenylamino]-1,8-dihydroxy-5-nitroanthraquinone	406-057-1	114565-66-1	4-[4-(1,3-Dihydroxyprop-2-yl)phenylamino]-1,8-dihydroxy-5-nitroanthraquinone	406-057-1	114565-66-1	y													1002
5,6,12,13-tetrachloroanthra(2,1,9-def:6,5,10-d'e'f')diisoquinoline-1,3,8,10(2H,9H)-tetrone	405-100-1	115662-06-1	5,6,12,13-Tetrachloroanthra(2,1,9-def:6,5,10-d'e'f')diisoquinoline-1,3,8,10(2H,9H)-tetrone	405-100-1	115662-06-1	y													1003
Tris(2-chloroethyl)phosphate	204-118-5	115-96-8	tris(2-Chloroethyl)phosphate	204-118-5	115-96-8	y													1004
4'-ethoxy-2-benzimidazole anilide	407-600-5	120187-29-3	4'-Ethoxy-2-benzimidazole anilide	407-600-5	120187-29-3														1005
Nickel dihydroxide	235-008-5	12054-48-7	Nickel dihydroxide	235-008-5	12054-48-7	y													1006
N,N-dimethylaniline	204-493-5	121-69-7	N,N-Dimethylaniline	204-493-5	121-69-7	y													1007
Simazine	204-535-2	122-34-9	Simazine	204-535-2	122-34-9														1008
Bis(η5-cyclopentadienyl)-bis(2,6-difluoro-3-[pyrrol-1-yl]phenyl)titanium	412-000-1	125051-32-3	bis(Cyclopentadienyl)-bis(2,6-difluoro-3-(pyrrol-1-yl)phenyl)titanium	412-000-1	125051-32-3	y													1009
Bis(2,6-difluoro-3-(1-hydropyrrol-1-yl)phenyl)titanocene	603-024-5	125051-32-3	bis(Cyclopentadienyl)-bis(2,6-difluoro-3-(pyrrol-1-yl)phenyl)titanium	412-000-1	125051-32-3														1009
N,N,N',N'-tetraglycidyl-4,4'-diamino-3,3'-diethyldiphenylmethane	410-060-3	130728-76-6	N,N,N',N'-Tetraglycidyl-4,4'-diamino-3,3'-diethyldiphenylmethane	410-060-3	130728-76-6	y													1010
Alkanes, C9-12-iso	680-543-3	130728-76-6	N,N,N',N'-Tetraglycidyl-4,4'-diamino-3,3'-diethyldiphenylmethane	410-060-3	130728-76-6														1010

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Dodecachloropentacyclo[5.2.1.0 _{2,6} .0 _{3,9} .0 _{5,8}]decane	219-196-6	2385-85-5	Dodecachloropentacyclo[5.2.1.0 _{2,6} .0 _{3,9} .0 _{5,8}]decane (Mirex)	219-196-6	2385-85-5							1048		y	y		
3,5-dichloro-N-(1,1-dimethylprop-2-ynyl)benzamide	245-951-4	23950-58-5	Propyzamide	245-951-4	23950-58-5							1049		y			
Butyl 2,3-epoxypropyl ether	219-376-4	2426-08-6	Butyl glycidyl ether	219-376-4	2426-08-06							1050	y	y			
2,3,4-trichlorobut-1-ene	219-397-9	2431-50-7	2,3,4-Trichlorobut-1-ene	219-397-9	2431-50-7	y						1051		y		y	
Chinomethionate	219-455-3	2439-01-2	Chinomethionate	219-455-3	2439-01-02							1052	y		y	y	
(R)-α-phenylethylammonium (-)-(1R, 2S)-(1,2-epoxypropyl)phosphonate monohydrate	418-570-8	25383-07-7	(R)-α-Phenylethylammonium (-)-(1R,2S)-(1,2-epoxypropyl)phosphonate monohydrate	418-570-8	25383-07-7	y						1053			y		
R)-alpha-Methylbenzethanamine (2R-cis)-(3-methyloxiranyl)phosphonate (1:1)	689-358-2	25383-07-7	(R)-α-Phenylethylammonium (-)-(1R,2S)-(1,2-epoxypropyl)phosphonate monohydrate	418-570-8	25383-07-7							1053					
5-ethoxy-3-trichloromethyl-1,2,4-thiadiazole	219-991-8	2593-15-9	5-Ethoxy-3-trichloromethyl-1,2,4-thiadiazole (Etridiazole - ISO)	219-991-8	2593-15-9							1054	y	y			
N-[4-[(2-hydroxy-5-methylphenyl)azo]phenyl]acetamide	220-600-8	2832-40-8	Disperse Yellow 3, Disperse Yellow 3	220-600-8,	2832-40-8			2	2			1055	y	y			
1,2,4-triazole	206-022-9	288-88-0	1,2,4-Triazole	206-022-9	288-88-0	y						1056			y	y	
Aldrin	206-215-8	309-00-2	Aldrin (ISO)	206-215-8	309-00-2							1057		y			
Diuron	206-354-4	330-54-1	Diuron (ISO)	206-354-4	330-54-1	y						1058		y			
Linuron	206-356-5	330-55-2	Linuron (ISO)	206-356-5	330-55-2							1059		y	y		
Nickel carbonate	222-068-2	3333-67-3	Nickel carbonate	222-068-2	3333-67-3							1060	y	y	y	y	
3-(4-isopropylphenyl)-1,1-dimethylurea	251-835-4	34123-59-6	3-(4-Isopropylphenyl)-1,1-dimethylurea (Isoproturon - ISO)	251-835-4	34123-59-6							1061		y			
3-(3,5-dichlorophenyl)-2,4-dioxo-N-isopropylimidazolidine-1-carboxamide	253-178-9	36734-19-7	Iprodione	253-178-9	36734-19-7							1062		y			
5-(2,4-dioxo-1,2,3,4-tetrahydropyrimidine)-3-fluoro-2-hydroxymethyl tetrahydrofuran	415-360-8	41107-56-6	5-(2,4-Dioxo-1,2,3,4-tetrahydropyrimidine)-3-fluoro-2-hydroxymethyl tetrahydrofuran	415-360-8	41107-56-6	y						1064		y			

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hyltetrahydr ofuran																			
2',3'-Dideoxy-3'-fluorouridine	637-011-0	41107-56-6	5-(2,4-Dioxo-1,2,3,4-tetrahydropyrimidine)-3-fluoro-2-hydroxymethyl tetrahydrofuran	415-360-8	41107-56-6														1064
Crotonaldehyde	224-030-0	4170-30-3	Crotonaldehyde	224-030-0	4170-30-3	y													1065
Hexahydrocyclopenta(c)pyrrole-1-(1H)-ammonio-N-ethoxycarbonyl-N-(p-tolylsulfonyl)azanide	418-350-1	-	Hexahydrocyclopenta(c)pyrrole-1-(1H)-ammonium N-ethoxycarbonyl-N-(p-tolylsulfonyl)azanide	418-350-1		y													1066
4,4'-carbonimidoylbis[N,N-dimethylaniline]	207-762-5	492-80-8	4,4'-Carbonimidoylbis[N,N-dimethylaniline] and its salts	207-762-5	492-80-8														1067
2-methyl-4,6-dinitrophenol	208-601-1	534-52-1	DNOC (ISO)	208-601-1	534-52-1	y													1068
p-toluidinium chloride	208-740-8	540-23-8	Toluidinium chloride	208-740-8	540-23-8														1069
p-toluidine sulphate (1:1)	208-741-3	540-25-0	Toluidine sulphate (1:1)	208-741-3	540-25-0														1070
2-(4-tert-butylphenyl)ethanol	410-020-5	5406-86-0	2-(4-tert-Butylphenyl)ethanol	410-020-5	5406-86-0	y													1071
[No public or meaningful name is available]	680-290-9	5406-86-0	2-(4-tert-Butylphenyl)ethanol	410-020-5	5406-86-0														1071
Fenthion	200-231-9	55-38-9	Fenthion	200-231-9	55-38-9														1072
Chlordane , pur	200-349-0	57-74-9	Chlordane, pur	200-349-0	57-74-9														1073
Hexan-2-one	209-731-1	591-78-6	Hexan-2-one (Methyl butyl ketone)	209-731-1	591-78-6														1074
2,4'-dichloro-α(pyrimidin-5-yl)benzhydryl alcohol	262-095-7	60168-88-9	Fenarimol	262-095-7	60168-88-9														1075
Acetamide	200-473-5	60-35-5	Acetamide	200-473-5	60-35-5	y													1076
N-cyclohexyl-N-methoxy-2,5-dimethyl-3-furamide	262-302-0	60568-05-0	N-Cyclohexyl-N-methoxy-2,5-dimethyl-3-furamide (Furmecycloxy - ISO)	262-302-0	60568-05-0														1077
Dieldrin	200-484-5	60-57-1	Dieldrin	200-484-5	60-57-1														1078
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	6807-17-6	4,4'-Isobutylethylienediphenol	401-720-1	6807-17-6	y													1079
[No public or meaningful name is available]	620-941-6	6807-17-6	4,4'-Isobutylethylienediphenol	401-720-1	6807-17-6														1079
Chlordimeform	228-200-5	6164-98-3	Chlordimeform	228-200-5	6164-98-3														1080
Amitrole	200-521-5	61-82-5	Amitrole	200-521-5	61-82-5														1081

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

Carbaryl	200-555-0	63-25-2	Carbaryl	200-555-0	63-25-2					1082		y				
Distillates (petroleum), light hydrocracked	265-078-2	64741-77-1	Distillates (petroleum), light hydrocracked	265-078-2	64741-77-1	y				1083		y				
1-ethyl-1-methylmorpholinium bromide	418-250-8	65756-41-4	1-Ethyl-1-methylmorpholinium bromide		65756-41-4	y				1084		y				
(3-chlorophenyl)-(4-methoxy-3-nitrophenyl)methanone	423-290-4	66938-41-8	(3-Chlorophenyl)-(4-methoxy-3-nitrophenyl)methanone	423-290-4	66938-41-8	y				1085		y				
Fuels, diesel	269-822-7	68334-30-5	Fuels, diesel, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	269-822-7	68334-30-5	y				1086		y				
Fuel oil, no. 2	270-671-4	68476-30-2	Fuel oil, no. 2	270-671-4	68476-30-2	y				1087		y				
Fuel oil, no. 4	270-673-5	68476-31-3	Fuel oil, no. 4	270-673-5	68476-31-3	y				1088		y				
Fuels, diesel, no. 2	270-676-1	68476-34-6	Fuels, diesel, no. 2	270-676-1	68476-34-6	y				1089		y				
2,2-dibromo-2-nitroethanol	412-380-9	69094-18-4	2,2-Dibromo-2-nitroethanol	412-380-9	69094-18-4	y				1090	y	y			y	
			2,2-Dibromo-2-nitroethanol	412-380-9	69094-18-4					1090						
1-ethyl-1-methylpyrrolidinium bromide	418-200-5	69227-51-6	1-Ethyl-1-methylpyrrolidinium bromide		69227-51-6	y				1091		y				
1-Ethyl-1-methylpyrrolidinium bromide	623-336-5	69227-51-6	1-Ethyl-1-methylpyrrolidinium bromide		69227-51-6					1091						
Monocrotophos	230-042-7	6923-22-4	Monocrotophos	230-042-7	6923-22-4					1092		y				
Nickel	231-111-4	7440-02-0	Nickel (Ni) ⁸ , Nickel, Nickel (Ni)	231-111-4,	7440-02-0	y			8	1093	y	y				y
Bromomethane	200-813-2	74-83-9	Bromomethane (Methyl bromide - ISO)	200-813-2	74-83-9	y				1094		y			y	
Chloromethane	200-817-4	74-87-3	Chloromethane (Methyl chloride)	200-817-4	74-87-3	y				1095		y				
Iodomethane	200-819-5	74-88-4	Iodomethane (Methyl iodide)	200-819-5	74-88-4	y				1096		y			y	
Bromoethane	200-825-8	74-96-4	Bromoethane (Ethyl bromide)	200-825-8	74-96-4	y				1097		y				
Heptachlor	200-962-3	76-44-8	Heptachlor	200-962-3	76-44-8					1098		y				
Fentin hydroxide	200-990-6	76-87-9	Fentin hydroxide	200-990-6	76-87-9					1099		y	y	y		
Nickel sulphate	232-104-9	7786-81-4, 10101-97-0, 10101-98-1	Nickel sulphate	232-104-9	7786-81-4	y				1100	y	y	y	y		
3,5,5-trimethylcyclohex-2-enone	201-126-0	78-59-1	3,5,5-Trimethylcyclohex-2-enone (Isophorone)	201-126-0	78-59-1	y				1101		y			y	

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2,3-dichloropropene	201-153-8	78-88-6	2,3-Dichloropropene	201-153-8	78-88-6	y					1102		y		y
butyl (R)-2-[4-(5-trifluoromethyl-2-pyridyloxy)phenoxy]propionate	616-669-2	79241-46-6	Fluazifop-Propyl (ISO)		79241-46-6						1103			y	
(S)-2,3-dihydro-1H-indole-2-carboxylic acid	410-860-2	79815-20-6	(S)-2,3-Dihydro-1H-indole-2-carboxylic acid	410-860-2	79815-20-6	y					1104	y		y	
1H-Indole-2-carboxylic acid, 2,3-dihydro [S]	616-741-3	79815-20-6	(S)-2,3-Dihydro-1H-indole-2-carboxylic acid	410-860-2	79815-20-6						1104				
Toxaphene	232-283-3	8001-35-2	Toxaphene	232-283-3	8001-35-2						1105		y		y
(4-hydrazinophenyl)-N-methylmethanesulfonamide hydrochloride	406-090-1	81880-96-8	(4-Hydrazinophenyl)-N-methylmethanesulfonamide hydrochloride	406-090-1	81880-96-8	y					1106	y	y		
1-phenylazo-2-naphthol	212-668-2	842-07-9	CI Solvent Yellow 14	212-668-2	842-07-9	y					1107	y	y		
Ethyl (RS)-3-(3,5-dichlorophenyl)-5-methyl-2,4-dioxooxazolidine-5-carboxylate	282-714-4	84332-86-5	Chlozolinat	282-714-4	84332-86-5						1108		y		
Alkanes, C10-13, chloro	287-476-5	85535-84-8	Alkanes, C10-13, monochloro	287-476-5	85535-84-8	y					1109		y		
2,4,6-trichlorophenol	201-795-9	88-06-2	2,4,6-Trichlorophenol	201-795-9	88-06-2						1111		y		y
Diethylcarbamoyl chloride	201-798-5	88-10-8	Diethylcarbamoyl-chloride	201-798-5	88-10-8	y					1112		y		y
1-vinyl-2-pyrrolidone	201-800-4	88-12-0	1-Vinyl-2-pyrrolidone	201-800-4	88-12-0	y					1113		y		y
α-n-butyl-α-(4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile	410-400-0	88671-89-0	Myclobutanil (ISO) (2-(4-chlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)hexanenitrile)	410-400-0	88671-89-0	y					1114				
2-(4-chlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)hexanenitrile	618-198-8	88671-89-0	Myclobutanil (ISO) (2-(4-chlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)hexanenitrile)	410-400-0	88671-89-0						1114			y	y
Fentin acetate	212-984-0	900-95-8	Fentin acetate	212-984-0	900-95-8						1115		y	y	y
Biphenyl-2-ylamine	201-990-9	90-41-5	Biphenyl-2-ylamine	201-990-9	90-41-5	y					1116		y		
trans-4-cyclohexyl-L-proline monohydrochloride	419-160-1	90657-55-9	Trans-4-cyclohexyl-L-proline monohydrochloride	419-160-1	90657-55-9	y					1117	y		y	y
L-Proline, 4-cyclohexyl-, hydrochlorid	618-614-8	90657-55-9	Trans-4-cyclohexyl-L-proline	419-160-1	90657-55-9						1117				

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

e (1:1), (4S)-			monohydrochloride																
2-methyl-m-phenylene diisocyanate	202-039-0	91-08-7	2-Methyl-m-phenylene diisocyanate (Toluene 2,6-diisocyanate)	202-039-0	91-08-7	y						11 18	y	y				y	
4-methyl-m-phenylene diisocyanate	209-544-5	584-84-9	4-Methyl-m-phenylene diisocyanate (Toluene 2,4-diisocyanate)	209-544-5	584-84-9	y						11 19	y	y				y	
m-tolylidene diisocyanate	247-722-4	26471-62-5	m-Tolylidene diisocyanate (Toluene diisocyanate)	247-722-4	26471-62-5	y						11 20	y	y				y	
Fuels, jet aircraft, coal solvent extn., hydrocracked hydrogenated	302-694-3	94114-58-6	Fuels, jet aircraft, coal solvent extn., hydrocracked hydrogenated	302-694-3	94114-58-6							11 21		y					
Fuels, diesel, coal solvent extn., hydrocracked hydrogenated	302-695-9	94114-59-7	Fuels, diesel, coal solvent extn., hydrocracked hydrogenated	302-695-9	94114-59-7							11 22		y					
Pitch	263-072-4	61789-60-4	Pitch, if it contains > 0,005 % w/w benzo[a]pyrene	263-072-4	61789-60-4							11 23		y					
Butanone oxime	202-496-6	96-29-7	2-Butanone oxime	202-496-6	96-29-7	y						11 24	y	y				y	
A mixture of: butan-2-one oxime; syn-O,O'-di(butan-2-one oxime)diethoxysilane	406-930-7	96-29-7	2-Butanone oxime	202-496-6	96-29-7	y						11 24	y						
Hydrocarbons, C16-20, solvent-dewaxed hydrocracked paraffinic distn. residue	307-662-2	97675-88-2	Hydrocarbons, C16-20, solvent-dewaxed hydrocracked paraffinic distn. Residue	307-662-2	97675-88-2							11 25		y					
α,α-dichlorotoluene	202-709-2	98-87-3	α,α-Dichlorotoluene	202-709-2	98-87-3	y						11 26		y				y	
			Mineral wool, with the exception of those specified elsewhere in this Annex; [Man-made vitreous (silicate)fibres with random orientation with alkaline oxide and alkali earth oxide (Na ₂ O + K ₂ O + CaO + MgO + BaO) content greater than 18 % by weight]									11 27							

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

			a fragrance ingredient																
Costus root oil	639-571-1	8023-88-9	Costus root oil (Saussurea lappa Clarke), when used as a fragrance ingredient		8023-88-9														11 33
7-ethoxy-4-methylcoumarin	201-721-5	87-05-8	7-Ethoxy-4-methylcoumarin, when used as a fragrance ingredient	201-721-5	87-05-8														11 34
3,4,5,6,7,8-hexahydro-2H-1-benzopyran-2-one	211-851-4	700-82-3	Hexahydrocoumarin, when used as a fragrance ingredient	211-851-4	700-82-3														11 35
Balsams, Peru	232-352-8	8007-00-9	Peru balsam (INCI name: Myroxylon pereirae), when used as a fragrance ingredient, Myroxylon balsamum var. pereirae; extracts and distillates; Balsam Peru oil, absolute and anhydrol (Balsam Oil Peru)	232-352-8	8007-00-9														11 36
Isobutyl nitrite	208-819-7	542-56-3	Isobutyl nitrite	208-819-7	542-56-2														11 37
Isoprene	201-143-3	78-79-5	Isoprene (stabilized); (2-methyl-1,3-butadiene)	201-143-3	78-79-5	y													11 38
1-bromopropane	203-445-0	106-94-5	1-Bromopropane ; n-Propyl bromide	203-445-0	106-94-5	y													11 39
2-chlorobuta-1,3-diene	204-818-0	126-99-8	Chloroprene (stabilized); (2-Chlorobuta-1,3-diene)	204-818-0	126-99-8	y													11 40
1,2,3-trichloropropane	202-486-1	96-18-4	1,2,3-Trichloropropane	202-486-1	96-18-4	y													11 41
1,2-dimethoxyethane	203-794-9	110-71-4	Ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	y													11 42
Dinocap	254-408-0	39300-45-3	Dinocap (ISO)	254-408-0	39300-45-3														11 43
Diaminotoluene	246-910-3	25376-45-8	Diaminotoluene, technical product - mixture of [4-methyl-m-phenylenediamine] (4) and [2-methyl-m-phenylenediamine] (5)	246-910-3	25376-45-8	y													11 44
α,α,α,4-tetrachlorotoluene	226-009-1	5216-25-1	p-Chlorobenzotrichloride	226-009-1	5216-25-1	y													11 45
Diphenyl ether, octabromo derivative	251-087-9	32536-52-0	Diphenylether; octabromo derivate	251-087-9	32536-52-0														11 46
1,2-bis(2-methoxyethoxy)ethane	203-977-3	112-49-2	1,2-bis(2-Methoxyethoxy)ethane;	203-977-3	112-49-2	y													11 47

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

			Triethylene glycol dimethyl ether (TEGDME)																
Tetrahydrothiopyran-3-carboxaldehyde	407-330-8	61571-06-0	Tetrahydrothiopyran-3-carboxaldehyde	407-330-8	61571-06-0	y								1148				y	y
4,4'-bis(dimethylamino)benzophenone	202-027-5	90-94-8	4,4'-bis(Dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8									1149		y			y
Oxiranemethanol, 4-methylbenzenesulfonate, (S)-	417-210-7	70987-78-9	Oxiranemethanol, 4-methylbenzenesulfonate, (S)-	417-210-7	70987-78-9	y								1150	y	y			y
(2S)-(+)-Glycidyl p-Toluenesulfonate	627-364-9	70987-78-9	Oxiranemethanol, 4-methylbenzenesulfonate, (S)-	417-210-7	70987-78-9									1150					
Dipentyl phthalate	205-017-9	131-18-0	di-n-Pentyl phthalate [3]	205-017-9	131-18-0									1151					y
Diisopentyl phthalate	210-088-4	605-50-5	Diisopentylphthalate [4]	210-088-4	605-50-5	y								1151					y
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	284-032-2	84777-06-0	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear [1]	284-032-2	84777-06-0									1151					y
			n-Pentylisopentylphthalate [2]											1151					
Benzyl butyl phthalate	201-622-7	85-68-7	Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	y								1152					y
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	1,2-Benzenedicarboxylic acid, di-C7-11, branched and linear alkyl esters	271-084-6	68515-42-4									1153					y
A mixture of: disodium 4-(3-ethoxycarbonyl-4-(5-(3-ethoxycarbonyl-5-hydroxy-1-(4-sulfonatophenyl)pyrazol-4-yl)penta-2,4-dienylidene)-4,5-dihydro-5-oxopyrazol-1-yl)benzenesulfonate; trisodium 4-(3-ethoxycarbonyl-4-(5-(3-ethoxycarbonyl-5-oxido-1-(4-sulfonatophenyl)pyrazol-4-yl)penta-2,4-dienylidene)-4,5-dihydro-5-oxopyrazol-	402-660-9	-	A mixture of: disodium 4-(3-ethoxycarbonyl-4-(5-(3-ethoxycarbonyl-5-hydroxy-1-(4-sulfonatophenyl)pyrazol-4-yl)penta-2,4-dienylidene)-4,5-dihydro-5-oxopyrazol-1-yl)benzenesulfonate and trisodium 4-(3-ethoxycarbonyl-4-(5-(3-ethoxycarbonyl-5-oxido-1-(4-sulfonatophenyl)pyrazol-4-yl)penta-2,4-dienylidene)-4,5-dihydro-5-oxopyrazol-	402-660-9		y								1154					y

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4,4'-methylenedianiline			4,4'-methylenedianiline																
6-methoxy-m-toluidine	204-419-1	120-71-8	6-methoxy-m-toluidine, 6-Methoxy-m-toluidine; (p-Cresidine), 4-Methoxy-m-toluidine	204-419-1,	120-71-8	y	13					1162		y					y
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	y						1163				y		y	
Oxazolidine, 3-ethyl-2-methyl-2-(3-methylbutyl)-	620-792-7	143860-04-2	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2							1163							
A mixture of: 1,3,5-tris(3-aminomethylphenyl)-1,3,5-(1H,3H,5H)-triazine-2,4,6-trione; a mixture of oligomers of 3,5-bis(3-aminomethylphenyl)-1-poly[3,5-bis(3-aminomethylphenyl)-2,4,6-trioxo-1,3,5-(1H,3H,5H)-triazin-1-yl]-1,3,5-(1H,3H,5H)-triazine-2,4,6-trione	421-550-1	-	A mixture of: 1,3,5-tris(3-aminomethylphenyl)-1,3,5-(1H,3H,5H)-triazine-2,4,6-trione and a mixture of oligomers of 3,5-bis(3-aminomethylphenyl)-1-poly[3,5-bis(3-aminomethylphenyl)-2,4,6-trioxo-1,3,5-(1H,3H,5H)-triazin-1-yl]-1,3,5-(1H,3H,5H)-triazine-2,4,6-trione	421-550-1								1164	y	y	y				
2-nitrotoluene	201-853-3	88-72-2	2-Nitrotoluene	201-853-3	88-72-2	y						1165		y	y				
Tributyl phosphate	204-800-2	126-73-8	Tributyl phosphate	204-800-2	126-73-8	y						1166		y				y	
Naphthalene	202-049-5	91-20-3	Naphthalene	202-049-5,	91-20-3	y						1167		y					y
Nonylphenol	246-672-0	25154-52-3	Nonylphenol [1]	246-672-0	25154-52-3							1168				y		y	
Phenol, 4-nonyl-, branched	284-325-5	84852-15-3	4-Nonylphenol, branched [2]	284-325-5	84852-15-3	y						1168				y		y	
1,1,2-trichloroethane	201-166-9	79-00-5	1,1,2-Trichloroethane	201-166-9	79-00-5	y						1169		y					
3-chloropropene	203-457-6	107-05-1	allyl chloride; (3-Chloropropene)	203-457-6	107-05-1	y						1172		y				y	
1,4-dichlorobenzene	203-400-5	106-46-7	1,4-Dichlorobenzene; (p-Dichlorobenzene)	203-400-5	106-46-7	y						1173		y				y	
Bis(2-chloroethyl) ether	203-870-1	111-44-4	bis(2-Chloroethyl) ether	203-870-1	111-44-4	y						1174		y					
Phenol	203-632-7	108-95-2	Phenol	203-632-7,	108-95-2	y						1175		y				y	y
4,4'-isopropylidenediphenol	201-245-8	80-05-7	Bisphenol A (4,4'-Isopropylidene diphenol)	201-245-8	80-05-7	y						1176	y			y		y	

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

product of 4,4'-methylenebis[2-(4-hydroxybenzyl)-3,6-dimethylphenol] and 6-diazo-5,6-dihydro-5-oxonaphthalene sulfonate (1:3)			methylenebis[2-(4-hydroxybenzyl)-3,6-dimethylphenol] and 6-diazo-5,6-dihydro-5-oxonaphthalene sulfonate (1:3)																
[4-[o-[4-(dimethylamino)phenyl]benzylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride	209-322-8	569-64-2	Malachite green hydrochloride [1]	209-322-8	569-64-2							1188						y	y
Methanaminium, N-[4-[[4-(dimethylamino)phenyl]phenylmethylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, ethanedioate	241-922-5	18015-76-4	Malachite green oxalate [2]	241-922-5	18015-76-4	y						1188							
1-(4-chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol	403-640-2	107534-96-3	1-(4-Chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol	403-640-2	107534-96-3	y						1189						y	
(RS)-1-(4-chlorophenyl)-4,4-dimethyl-3-[1,2,4]triazol-1-ylmethylpentan-3-ol	600-834-0	107534-96-3	1-(4-Chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol	403-640-2	107534-96-3							1189							
5-(3-butyryl-2,4,6-trimethylphenyl)-2-[1-(ethoxyimino)propyl]-3-hydroxycyclohex-2-en-1-one	414-790-3	138164-12-2	5-(3-Butyryl-2,4,6-trimethylphenyl)-2-[1-(ethoxyimino)propyl]-3-hydroxycyclohex-2-en-1-one	414-790-3	138164-12-2	y						1190						y	y
5-(butyryl-2,4,6-trimethylphenyl)-2-[1-(ethoxyimino)propyl]-3-hydroxycyclohex-1-one	604-064-6	138164-12-2	5-(3-Butyryl-2,4,6-trimethylphenyl)-2-[1-(ethoxyimino)propyl]-3-hydroxycyclohex-2-en-1-one	414-790-3	138164-12-2							1190							
trans-4-phenyl-L-proline	416-020-1	96314-26-0	trans-4-Phenyl-L-proline	416-020-1	96314-26-0	y						1191	y					y	
A mixture of: 5-[[4-[(7-amino-1-hydroxy-3-sulfo-2-naphthyl)azo]-	418-230-9	163879-69-4	A mixture of: 5-[[4-[(7-amino-1-hydroxy-3-sulfo-2-naphthyl)azo]-	418-230-9	163879-69-4	y						1193	y					y	

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

oxadiazol-2(3H)-one																			
Chlorotoluron	239-592-2	15545-48-9	Chlorotoluron (3-(3-chloro-p-tolyl)-1,1-dimethylurea)	239-592-2	15545-48-9							1200		y		y			
N-[2-(3-acetyl-5-nitrothiophen-2-ylazo)-5-diethylamino phenyl]acetamide	416-860-9	777891-21-1	N-[2-(3-Acetyl-5-nitrothiophen-2-ylazo)-5-diethylaminophenyl]acetamide	416-860-9								1201		y			y		
1,3-bis(vinylsulfonylacetamido)propane	428-350-3	93629-90-4	1,3-bis(Vinylsulfonylacetamido)propane	428-350-3	93629-90-4							1202		y		y			y
p-phenetidine	205-855-5	156-43-4	p-Phenetidine (4-Ethoxyaniline)	205-855-5	156-43-4							1203		y		y			y
m-phenylenediamine	203-584-7	108-45-2	m-Phenylenediamine and its salts	203-584-7	108-45-2							1204		y		y			y
Residues (coal tar), creosote oil distrn.	295-506-3	92061-93-3	Residues (coal tar), creosote oil distrn., if it contains > 0,005 % w/w benzo[a]pyrene	295-506-3	92061-93-3							1205				y			
Creosote oil, acenaphthene fraction	292-605-3	90640-84-9	Creosote oil, acenaphthene fraction, wash oil, if it contains > 0,005 % w/w benzo[a]pyrene	292-605-3	90640-84-9							1206		y					
Creosote oil	263-047-8	61789-28-4	Creosote oil, if it contains > 0,005 % w/w benzo[a]pyrene	263-047-8	61789-28-4							1207		y					
Creosote	232-287-5	8001-58-9	Creosote, if it contains > 0,005 % w/w benzo[a]pyrene	232-287-5	8001-58-9							1208				y			
Creosote oil, high-boiling distillate	274-565-9	70321-79-8	Creosote oil, high-boiling distillate, wash oil, if it contains > 0,005 % w/w benzo[a]pyrene	274-565-9	70321-79-8							1209				y			
Extract residues (coal), creosote oil acid	310-189-4	122384-77-4	Extract residues (coal), creosote oil acid, wash oil extract residue, if it contains > 0,005 % w/w benzo[a]pyrene	310-189-4	122384-77-4							1210				y			
Creosote oil, low-boiling distillate	274-566-4	70321-80-1	Creosote oil, low-boiling distillate, wash oil, if it contains > 0,005 % w/w benzo[a]pyrene	274-566-4	70321-80-1							1211				y			
6-methoxy-pyridine-2,3-	303-358-9	94166-62-8	6-Methoxy-2,3-Pyridinediamin	303-358-9	94166-62-8							1212							

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

diamine dihydrochloride			e and its HCl salt, when used as a substance in hair dye products																
Naphthalene-2,3-diol	202-156-7	92-44-4	2,3-Naphthalenediol, when used as a substance in hair dye products	202-156-7	92-44-4														12 13
2,4-Diaminodiphenylamine	680-434-0	136-17-4	2,4-Diaminodiphenylamine, when used as a substance in hair dye products		136-17-4														12 14
			2,6-Bis(2-Hydroxyethoxy)-3,5-Pyridinediamine and its HCl salt, when used as a substance in hair dye products			117907-42-3													12 15
			2-Methoxymethyl-p-Aminophenol and its HCl salt, when used as a substance in hair dye products			135043-65-1													12 16
			2-Methoxymethyl-p-Aminophenol and its HCl salt, when used as a substance in hair dye products			29785-47-5													12 16
			4,5-Diamino-1-Methylpyrazole and its HCl salt, when used as a substance in hair dye products			20055-01-0													12 17
			4,5-Diamino-1-Methylpyrazole and its HCl salt, when used as a substance in hair dye products			21616-59-1													12 17
			4,5-Diamino-1-((4-Chlorophenyl)Methyl)-1H-Pyrazole Sulfate, when used as a substance in hair dye products			163183-00-4													12 18
2-amino-4-chlorophenol	202-458-9	95-85-2	4-Chloro-2-Aminophenol, when used as	202-458-9	95-85-2	y													12 19

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			a substance in hair dye products															
4-hydroxyindole	219-177-2	2380-94-1	4-Hydroxyindole, when used as a substance in hair dye products	219-177-2	2380-94-1													12 20
			4-Methoxytoluene-2,5-Diamine and its HCl salt, when used as a substance in hair dye products		56496-88-9													12 21
			5-Amino-4-Fluoro-2-Methylphenol Sulfate, when used as a substance in hair dye products		163183-01-5													12 22
3-diethylaminophenol	202-090-9	91-68-9	N,N-Diethylm-Aminophenol, when used as a substance in hair dye products	202-090-9	91-68-9	y												12 23
Bis[(diethylhydroxyphenyl)ammonium] sulphate	269-478-8	68239-84-9	N,N-Diethylm-Aminophenol, when used as a substance in hair dye products	269-478-8	68239-84-9													12 23
			N,N-Dimethyl-2,6-Pyridinediamine and its HCl salt, when used as a substance in hair dye products															12 24
			N-Cyclopentylm-Aminophenol, when used as a substance in hair dye products		104903-49-3													12 25
N-(2-methoxyethyl)benzene-1,4-diamine dihydrochloride	276-723-2	72584-59-9	N-(2-Methoxyethyl)-p-phenylenediamine and its HCl salt, when used as a substance in hair dye products	276-723-2	72584-59-9, 66566-48-1													12 26
			2,4-Diamino-5-methylphenetol and its HCl salt, when used as a substance in hair dye products		113715-25-6													12 27
Naphthalene-1,7-diol	209-383-0	575-38-2	1,7-Naphthalenediol, when used as a substance	209-383-0	575-38-2													12 28

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

			in hair dye products																
3,4-diaminobenzoic acid	210-577-2	619-05-6	3,4-Diaminobenzoic acid, when used as a substance in hair dye products	210-577-2	619-05-6														12 29
Phenol, 4-amino-2-(aminomethyl)-	616-686-5	79352-72-0	2-Aminomethyl-p-aminophenol and its HCl salt, when used as a substance in hair dye products		79352-72-0														12 30
1-[(2-methoxyphenyl)azo]-2-naphthol	214-968-9	1229-55-6	Solvent Red 1 (CI 12150), when used as a substance in hair dye products, Solvent red 1	214-968-9,	1229-55-6				y										12 31
Sodium 4-[[3-[[dimethylphenyl)azo]-2,4-dihydroxyphenyl]azo]benzenesulfonate	215-296-9	1320-07-6	Acid Orange 24 (CI 20170), when used as a substance in hair dye products	215-296-9	1320-07-6														12 32
Sodium 6-hydroxy-5-(4-phenylazophenylazo)naphthalene-2,4-disulphonate	226-502-1	5413-75-2	Acid Red 73 (CI 27290), when used as a substance in hair dye products	226-502-1	5413-75-2														12 33
			PEG-3,2',2'-di-p-Phenylenediamine																144644-13-3
6-nitro-ortho-toluidine	209-329-6	570-24-1	6-Nitro-ortho-Toluidine	209-329-6	570-24-1														12 35
			HC Yellow No 11																73388-54-2
			HC Orange No 3																81612-54-6
2-[[4-[[bis(2-hydroxyethyl)amino]phenyl]amino]-5-[(2-hydroxyethyl)amino]cyclohexa-2,5-diene-1,4-dione	257-687-7	52136-25-1	HC Green No 1	257-687-7	52136-25-1														12 38
1-[(3-aminopropyl)amino]anthraquinone, monohydrochloride	306-778-0	97404-14-3	HC Red No 8 and its salts	306-778-0	97404-14-3														12 39
			HC Red No 8 and its salts																13556-29-1
1,2,3,4-tetrahydro-6-nitroquinoxaline	414-270-6	41959-35-7	Tetrahydro-6-nitroquinoxaline and its salts		41959-35-7														12 40
			Tetrahydro-6-nitroquinoxaline and its salts																158006-54-3
			Tetrahydro-6-nitroquinoxaline and its salts																73855-45-5

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

			when used as a substance in hair dye products																	
C.I. Acid Black 131	601-932-6	12219-01-1	CI Acid Black 131 and its salts, when used as a substance in hair dye products		12219-01-1															
Phloroglucinol	203-611-2	108-73-6, 6099-90-7	1,3,5-Trihydroxybenzene (Phloroglucinol) and its salts, when used as a substance in hair dye products	203-611-2	108-73-6															
Benzene-1,2,4-triyl triacetate	210-327-2	613-03-6	1,2,4-Benzenetriacetate and its salts, when used as a substance in hair dye products	210-327-2	613-03-6															
			Ethanol, 2,2'-iminobis-, reaction products with epichlorohydrin and 2-nitro-1,4-benzenediamine (HC Blue No. 5) and its salts, when used as a substance in hair dye products			158571-58-5														
			Ethanol, 2,2'-iminobis-, reaction products with epichlorohydrin and 2-nitro-1,4-benzenediamine (HC Blue No. 5) and its salts, when used as a substance in hair dye products				68478-64-8													
			N-Methyl-1,4-diaminoanthraquinone, reaction products with epichlorohydrin and monoethanolamine (HC Blue No. 4) and its salts, when used as a substance in hair dye products			158571-57-4														
Sulphanilic acid	204-482-5	121-57-3	4-Aminobenzene sulfonic acid (Sulfanilic acid) and its salts, when used as a	204-482-5	121-57-3															

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

			substance in hair dye products																
Sodium sulphanilate	208-208-5	515-74-2	4-Aminobenzene sulfonic acid (Sulfanilic acid) and its salts, when used as a substance in hair dye products	208-208-5	515-74-2	y													12 57
Disodium 3,3'-[sulphonybis((2-nitro-phenylene)imino)]bis(6-anilinobenzene)sulphonate	228-922-0	6373-79-1	3,3'-(Sulfonylbis(2-nitro-4,1-phenylene)imino)bis(6-(phenylamino))benzenesulfonic acid and its salts, when used as a substance in hair dye products	228-922-0	6373-79-1														12 58
3(or5)-[[4-[benzylmethylamino]phenyl]azo]-1,2(or1,4)-dimethyl-1H-1,2,4-triazolium bromide	289-660-0	89959-98-8	3(or5)-((4-(Benzylmethylamino)phenyl)azo)-1,2-(or1,4)-dimethyl-1H-1,2,4-triazolium and its salts, when used as a substance in hair dye products	289-660-0	89959-98-8, 12221-69-1														12 59
Basic Red 46	602-156-0	12221-69-1	3(or5)-((4-(Benzylmethylamino)phenyl)azo)-1,2-(or1,4)-dimethyl-1H-1,2,4-triazolium and its salts, when used as a substance in hair dye products	289-660-0	12221-69-1														12 59
2,2'-[[3-chloro-4-((2,6-dichloro-4-nitrophenyl)azo)phenyl]imino]bisethanol	245-604-7	23355-64-8	2,2'-((3-Chloro-4-((2,6-dichloro-4-nitrophenyl)azo)phenyl)imino)bisethanol (Disperse Brown 1) and its salts, when used as a substance in hair dye products	245-604-7	23355-64-8														12 60
2-[[4-[ethyl(2-hydroxyethyl)amino]phenyl]azo]-6-methoxy-3-methylbenzothiazolium methyl sulphate	235-546-0	12270-13-2	Benzothiazolium, 2-[[4-[ethyl(2-hydroxyethyl)amino]phenyl]azo]-6-methoxy-3-methyl-, and its salts, when used as a substance in hair dye products	235-546-0	12270-13-2														12 61

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			hair dye products																
Disodium 7-benzamido-4-hydroxy-3-[[4-[(4-sulphonatophenyl)azo]phenyl]azo]naphthalene-2-sulphonate	220-028-9	2610-11-9	2-Naphthalenesulfonic acid, 7-(benzoylamino)-4-hydroxy-3-[[4-[(4-sulphophenyl)azo]phenyl]azo]-, and its salts, when used as a substance in hair dye products	220-028-9	2610-11-09	y													12 67
Disodium [[μ-[[7,7'-iminobis[4-hydroxy-3-[[2-hydroxy-5-(N-methylsulphamoyl)phenyl]azo]naphthalene-2-sulphonato]](6-))]dicuprate(2-)	253-441-8	37279-54-2	(μ-((7,7'-Iminobis(4-hydroxy-3-((2-hydroxy-5-(N-methylsulphamoyl)phenyl)azo)naphthalene-2-sulphonato))(6-)))dicuprate(2-) and its salts, when used as a substance in hair dye products	253-441-8	37279-54-2														12 68
Disodium 3-[(4-acetamidophenyl)azo]-4-hydroxy-7-[[[5-hydroxy-6-(phenylazo)-7-sulphonato-2-naphthyl]amino]carbonylamino]naphthalene-2-sulphonate	222-348-4	3441-14-3	3-[(4-(Acetylamino)phenyl)azo]-4-hydroxy-7-[[[5-hydroxy-6-(phenylazo)-7-sulfo-2-naphthalenyl]amino]carbonylamino]-2-naphthalenesulfonic acid and its salts, when used as a substance in hair dye products	222-348-4	3441-14-3														12 69
Hexasodium 7,7'-(carbonyldiimino)bis[4-hydroxy-3-[[2-sulphonato-4-[(4-sulphonatophenyl)azo]phenyl]azo]naphthalene-2-sulphonate]	220-027-3	2610-10-8	2-Naphthalenesulfonic acid, 7,7'-(carbonyldiimino)bis(4-hydroxy-3-[[2-sulfo-4-[(4-sulphophenyl)azo]phenyl]azo]-, and its salts, when used as a substance in hair dye products	220-027-3	2610-10-8, 25188-41-4	y													12 70
2-Naphthalene sulfonic acid, 7,7'-(carbonyldiimino)bis[4-hydroxy-3-[[2-sulfo-4-[(4-sulphophenyl)azo]phenyl]azo]-	607-625-3	25188-41-4	2-Naphthalenesulfonic acid, 7,7'-(carbonyldiimino)bis(4-hydroxy-3-[[2-sulfo-4-[(4-sulphophenyl)azo]phenyl]azo]-, and its salts, when used as a	220-027-3	25188-41-4														12 70

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			substance in hair dye products																
[4-[bis[4-(diethylamino)phenyl]methylene]-2,5-cyclohexadien-1-ylidene]dihydrochloride	219-231-5	2390-59-2	Ethanaminium, N-(4-[bis[4-(diethylamino)phenyl]methylene]-2,5-cyclohexadien-1-ylidene)-N-ethyl-, and its salts, when used as a substance in hair dye products	219-231-5	2390-59-2														12 71
2-[[[(4-methoxyphenyl)methylhydrazono]methyl]-1,3,3-trimethyl-3H-indolium methyl sulphate	258-946-7	54060-92-3	3H-Indolium, 2-[[[(4-methoxyphenyl)methylhydrazono]methyl]-1,3,3-trimethyl-, and its salts, when used as a substance in hair dye products	258-946-7	54060-92-3	y													12 72
2-(2-((2,4-dimethoxyphenyl)amino)vinyl)-1,3,3-trimethyl-3H-indolium chloride	224-132-5	4208-80-4	3H-Indolium, 2-(2-((2,4-dimethoxyphenyl)amino)ethyl)-1,3,3-trimethyl-, and its salts, when used as a substance in hair dye products	224-132-5	4208-80-4														12 73
C.I. Solvent Black 5	601-023-4	11099-03-9	Nigrosine spirit soluble (Solvent Black 5), when used as a substance in hair dye products		11099-03-9														12 74
3,7-bis(diethylamino)phenoxazin-5-ium chloride	251-403-5	33203-82-6	Phenoxazin-5-ium, 3,7-bis(diethylamino)-, and its salts, when used as a substance in hair dye products	251-403-5	47367-75-9, 33203-82-6														12 75
9-(dimethylamino)benzo[a]phenoxazin-7-ium chloride	213-524-1	966-62-1	Benzo[a]phenoxazin-7-ium, 9-(dimethylamino)-, and its salts, when used as a substance in hair dye products	213-524-1	966-62-1														12 76
9-(dimethylamino)benzo[a]phenazin-7-ium chloride, compound with zinc chloride	230-338-6	7057-57-0	Benzo[a]phenoxazin-7-ium, 9-(dimethylamino)-, and its salts, when used as a substance in hair dye products	230-338-6	7057-57-0														12 76
6-amino-2-(2,4-dimethylphenyl)-1H-benz[de]isoq	219-607-9	2478-20-8	6-Amino-2-(2,4-dimethylphenyl)-1H-benz[de]isoqui	219-607-9	2478-20-8	y													12 77

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uinoline-1,3(2H)-dione			noline-1,3(2H)-dione (Solvent Yellow 44) and its salts, when used as a substance in hair dye products																
1-amino-4-[[4-[(dimethylamino)methyl]phenyl]amino]anthraquinone	235-398-7	12217-43-5	1-Amino-4-[[4-[(dimethylamino)methyl]phenyl]amino]anthraquinone and its salts, when used as a substance in hair dye products	235-398-7	12217-43-5														12 78
1-amino-4-[[4-[(dimethylamino)methyl]phenyl]amino]anthraquinone monohydrochloride	267-677-4	67905-56-0	1-Amino-4-[[4-[(dimethylamino)methyl]phenyl]amino]anthraquinone and its salts, when used as a substance in hair dye products	267-677-4	67905-56-0														12 78
			Laccaic Acid (CI Natural Red 25) and its salts, when used as a substance in hair dye products																60687-93-6 12 79
Sodium 2-anilino-5-(2,4-dinitroanilino)benzenesulphonate	228-921-5	6373-74-6	Benzenesulfonic acid, 5-[[2,4-dinitrophenyl]amino]-2-(phenylamino)-, and its salts, when used as a substance in hair dye products	228-921-5	6373-74-6	y													12 80
5-[(2,4-dinitrophenyl)amino]-2-anilinobenzenesulphonic acid	239-377-3	15347-52-1	Benzenesulfonic acid, 5-[[2,4-dinitrophenyl]amino]-2-(phenylamino)-, and its salts, when used as a substance in hair dye products	239-377-3	15347-52-1														12 80
4-[(4-nitrophenyl)azo]aniline	211-984-8	730-40-5	4-[(4-Nitrophenyl)azo]aniline (Disperse Orange 3) and its salts, when used as a substance in hair dye products, Disperse Orange 3	211-984-8,	730-40-5, 70170-61-5														1 8 12 81
4-nitro-m-phenylenediamine	225-876-3	5131-58-8	4-Nitro-m-phenylenediamine and its salts, when used as a substance in	225-876-3	5131-58-8	y													12 82

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			hair dye products																
1-amino-4-(methylamino)anthraquinone	214-944-8	1220-94-6	1-Amino-4-(methylamino)-9,10-anthracenedione (Disperse Violet 4) and its salts, when used as a substance in hair dye products	214-944-8	1220-94-6														1283
N-methyl-2-nitrobenzene-1,4-diamine	221-014-5	2973-21-9	N-Methyl-3-nitro-p-phenylenediamine and its salts, when used as a substance in hair dye products	221-014-5	2973-21-9														1284
2-(2-amino-4-nitroanilino)ethanol	260-450-0	56932-44-6	N1-(2-Hydroxyethyl)-4-nitro-o-phenylenediamine (HC Yellow No. 5) and its salts, when used as a substance in hair dye products	260-450-0	56932-44-6														1285
2-[(2-amino-4-nitrophenyl)amino]-2-(hydroxymethyl)propane-1,3-diol	260-451-6	56932-45-7	N1-(Tris(hydroxymethyl)methyl-4-nitro-1,2-phenylenediamine (HC Yellow No. 3) and its salts, when used as a substance in hair dye products	260-451-6	56932-45-7														1286
			2-Nitro-N-hydroxyethyl-p-anisidine and its salts, when used as a substance in hair dye products		57524-53-5														1287
2-[N-methyl-4-(methylamino)-3-nitroanilino]ethanol	233-549-1	10228-03-2	N,N'-Dimethyl-N-Hydroxyethyl-3-nitro-p-phenylenediamine and its salts, when used as a substance in hair dye products	233-549-1	10228-03-2														1288
3-(N-methyl-N-(4-methylamino-3-nitrophenyl)amino)propane-1,2-diol hydrochloride	403-440-5	93633-79-5	3-(N-Methyl-N-(4-methylamino-3-nitrophenyl)amino)propane-1,2-diol and its salts, when used as a substance in hair dye products	403-440-5	93633-79-5														1289
4-ethylamino-3-	412-090-2	2788-74-1	4-Ethylamino-3-nitrobenzoic acid (N-Ethyl-3-Nitro PABA)	412-090-2	2788-74-1														1290

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nitrobenzoic acid			and its salts, when used as a substance in hair dye products																
[8-[(4-amino-2-nitrophenyl)azo]-7-hydroxy-2-naphthyl]trimethylammonium chloride	275-216-3	71134-97-9	(8-[(4-Amino-2-nitrophenyl)azo]-7-hydroxy-2-naphthyl) trimethylammonium and its salts, except Basic Red 118 (CAS 71134-97-9) as impurity in Basic Brown 17, when used as a substance in hair dye products	275-216-3	71134-97-9														12 91
C.I. Basic Red 22	602-140-3	12221-52-2	5-((4-(Dimethylamino)phenyl)azo)-1,4-dimethyl-1H-1,2,4-triazolium and its salts, when used as a substance in hair dye products		12221-52-2														12 92
4-(phenylazo)benzene-1,3-diamine	207-803-7	495-54-5	m-Phenylenediamine, 4-(phenylazo)-, and its salts, when used as a substance in hair dye products	207-803-7	495-54-5			y											12 93
5-(phenylazo)toluene-3,4-diamine monohydrochloride	224-654-3	4438-16-8	1,3-Benzenediamine, 4-methyl-6-(phenylazo)- and its salts, when used as a substance in hair dye products	224-654-3	4438-16-8														12 94
Disodium 5-(acetylamino)-4-hydroxy-3-[(o-tolyl)azo]naphthalene-2,7-disulphonate	229-231-7	6441-93-6	2,7-Naphthalenedisulfonic acid, 5-(acetylamino)-4-hydroxy-3-((2-methylphenyl)azo)-, and its salts, when used as a substance in hair dye products	229-231-7	6441-93-6														12 95
5,5'-[(4-methyl-1,3-phenylene)bis(azo)]bis[toluene-2,4-diamine]	224-764-1	4482-25-1	4,4'-[(4-Methyl-1,3-phenylene)bis(azo)]bis[6-methyl-1,3-benzenediamine] (Basic Brown 4) and its salts, when used as a substance in hair dye products	224-764-1	4482-25-1														12 96

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			used as a substance in hair dye products																	
1,4-dihydroxy-5,8-bis[(2-hydroxyethyl)amino]anthraquinone	221-666-0	3179-90-6	1,4-Dihydroxy-5,8-bis[(2-hydroxyethyl)amino]anthraquinone (Disperse Blue 7) and its salts, when used as a substance in hair dye products	221-666-0	3179-90-6														13 02	
1-[(3-aminopropyl)amino]-4-(methylo)anthraquinone	244-938-0	22366-99-0	1-[(3-Aminopropyl)amino]-4-(methylo)anthraquinone and its salts, when used as a substance in hair dye products	244-938-0	22366-99-0														13 03	
N-[6-[(2-chloro-4-hydroxyphenyl)imino]-4-methoxy-3-oxo-1,4-cyclohexadien-1-yl]acetamide	266-424-5	66612-11-1	N-[6-[(2-Chloro-4-hydroxyphenyl)imino]-4-methoxy-3-oxo-1,4-cyclohexadien-1-yl]acetamide (HC Yellow No. 8) and its salts, when used as a substance in hair dye products	266-424-5	66612-11-1														13 04	
[6-[[3-chloro-4-(methylamino)phenyl]imino]-4-methyl-3-oxocyclohexa-1,4-dien-1-yl]urea	260-116-4	56330-88-2	[6-[[3-Chloro-4-(methylamino)phenyl]imino]-4-methyl-3-oxocyclohexa-1,4-dien-1-yl]urea (HC Red No. 9) and its salts, when used as a substance in hair dye products	260-116-4	56330-88-2														13 05	
Methylthionium chloride	200-515-2	61-73-4	Phenothiazin-5-ium, 3,7-bis(dimethylamino)-, and its salts, when used as a substance in hair dye products	200-515-2	61-73-4														13 06	
			4,6-Bis(2-Hydroxyethoxy)-m-Phenylenediamine and its salts, when used as a substance in hair dye products																94082-85-6	13 07
			5-Amino-2,6-Dimethoxy-3-Hydroxypyridine and its																104333-03-1	13 08

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			salts, when used as a substance in hair dye products																
4,4'-iminodianiline	208-673-4	537-65-5	4,4'-Diaminodiphenylamine and its salts, when used as a substance in hair dye products	208-673-4	537-65-5														1309
4-diethylamino-o-toluidine	205-722-1	148-71-0	4-Diethylamino-o-toluidine and its salts, when used as a substance in hair dye products	205-722-1	148-71-0														1310
N5,N5-diethyltoluene-2,5-diamine monohydrochloride	218-130-3	2051-79-8	4-Diethylamino-o-toluidine and its salts, when used as a substance in hair dye products	218-130-3	2051-79-8														1310
4-diethylamino-o-toluidine hydrochloride	246-484-9	24828-38-4	4-Diethylamino-o-toluidine and its salts, when used as a substance in hair dye products	246-484-9	24828-38-4														1310
4-amino-N,N-diethylaniline	202-214-1	93-05-0	N,N-Diethyl-p-phenylenediamine and its salts, when used as a substance in hair dye products	202-214-1	93-05-0	y													1311
4-amino-N,N-diethylaniline sulphate	227-995-6	6065-27-6	N,N-Diethyl-p-phenylenediamine and its salts, when used as a substance in hair dye products	227-995-6	6065-27-6														1311
N,N-diethylbenzene-1,4-diammonium sulphate	228-500-6	6283-63-2	N,N-Diethyl-p-phenylenediamine and its salts, when used as a substance in hair dye products	228-500-6	6283-63-2														1311
4-amino-N,N-dimethylaniline	202-807-5	99-98-9	N,N-Dimethyl-p-phenylenediamine and its salts, when used as a substance in hair dye products	202-807-5	99-98-9														1312
4-amino-N,N-dimethylaniline sulphate	228-292-7	6219-73-4	N,N-Dimethyl-p-phenylenediamine and its salts, when used as a substance in hair dye products	228-292-7	6219-73-4														1312

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			hair dye products																
			Hydroxyethyl-2,6-dinitro-p-anisidine and its salts, when used as a substance in hair dye products		122252-11-3														13 20
			6-Nitro-2,5-pyridinediamine and its salts, when used as a substance in hair dye products		69825-83-8														13 21
3,7-diamino-2,8-dimethyl-5-phenylphenazine	207-518-8	477-73-6	Phenazinium, 3,7-diamino-2,8-dimethyl-5-phenyl-, and its salts, when used as a substance in hair dye products	207-518-8	477-73-6														13 22
Chromium, 3-hydroxy-4-[(2-hydroxy-1-naphthalenyl)azo]-7-nitro-1-naphthalene sulfonic acid complex	227-029-3	5610-64-0	3-Hydroxy-4-[(2-hydroxynaphthyl)azo]-7-nitronaphthalene-1-sulphonic acid and its salts, when used as a substance in hair dye products	227-029-3	5610-64-0		y												13 23
3-hydroxy-4-[(2-hydroxynaphthyl)azo]-7-nitronaphthalene-1-sulphonic acid	240-379-1	16279-54-2	3-Hydroxy-4-[(2-hydroxynaphthyl)azo]-7-nitronaphthalene-1-sulphonic acid and its salts, when used as a substance in hair dye products	240-379-1	16279-54-2														13 23
3-((2-nitro-4-(trifluoromethyl)phenyl)amino)propane-1,2-diol	410-010-0	104333-00-8	3-[(2-nitro-4-(trifluoromethyl)phenyl)amino]propane-1,2-diol (HC Yellow No. 6) and its salts, when used as a substance in hair dye products		104333-00-8		y												13 24
2-[(4-chloro-2-nitrophenyl)amino]ethanol	413-280-8	59320-13-7	2-[(4-chloro-2-nitrophenyl)amino]ethanol (HC Yellow No. 12) and its salts, when used as a substance in hair dye products		59320-13-7		y												13 25
2-[(4-Chloro-2-nitrophenyl)amino]ethanol	628-824-1	59320-13-7	2-[(4-chloro-2-nitrophenyl)amino]ethanol (HC Yellow No. 12) and its salts, when used as a		59320-13-7														13 25

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			substance in hair dye products																
			3-[[4-[(2-Hydroxyethyl)Methylamino]-2-Nitrophenyl]Amino]-1, 2-Propanediol and its salts, when used as a substance in hair dye products		102767-27-1														13 26
			3-[[4-[(2-Hydroxyethyl)Methylamino]-2-Nitrophenyl]Amino]-1, 2-Propanediol and its salts, when used as a substance in hair dye products		173994-75-7														13 26
			3-[[4-[Ethyl(2-Hydroxyethyl)Amino]-2-Nitrophenyl]Amino]-1, 2-Propanediol and its salts, when used as a substance in hair dye products		114087-41-1														13 27
			3-[[4-[Ethyl(2-Hydroxyethyl)Amino]-2-Nitrophenyl]Amino]-1, 2-Propanediol and its salts, when used as a substance in hair dye products		114087-42-2														13 27
[4-[4-(diethylamino)-o-[4-(ethylamino)-1-naphthyl]benzylidene]cyclohexa-2,5-dien-1-ylidene]dihexammonium chloride	219-232-0	2390-60-5	Ethanaminium, N-[4-[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, and its salts, when used as a substance in hair dye products, Basic Blue 7	219-232-0,	2390-60-5						6								13 28
4-[(4-aminophenyl)(4-iminocyclohexa-2,5-dien-1-ylidene)methyl]-o-toluidine	221-832-2	3248-93-9	4-[(4-Aminophenyl)(4-iminocyclohexa-2,5-dien-1-ylidene)methyl]-o-toluidine and its hydrochloride salt (Basic Violet 14; CI 42510) when used as a	221-832-2	3248-93-9, 632-99-5														13 29

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			substance in hair dye products																	
4-[(2,4-dihydroxyphenyl)azo]benzenesulphonic acid	218-087-0	2050-34-2	4-(2,4-Dihydroxyphenylazo)benzenesulphonic acid and its sodium salt (Acid Orange 6; CI 14270) when used as substance in hair dye products	218-087-0	2050-34-2														13 30	
3-hydroxy-4-(phenylazo)-2-naphthoic acid	248-638-0	27757-79-5	3-Hydroxy-4-(phenylazo)-2-naphthoic acid and its calcium salt (Pigment Red 64:1; CI 15800) when used as a substance in hair dye products	248-638-0	27757-79-5														13 31	
			Xanthylum, 9-(2-carboxyphenyl)-3-((2-methylphenyl)amino)-6-((2-methyl-4-sulfophenyl)amino)-, inner salt and its sodium salt (Acid Violet 9; CI 45190) when used as a substance in hair dye products																10213-95-3	13 35
Disodium 2-(4,5-diiodo-6-oxido-3-oxoxanthene-9-yl)benzoate	251-419-2	33239-19-9	3',6'-Dihydroxy-4',5'-diiodospiro(isobenzofuran-1(3H),9'-[9H]xanthene)-3-one; (Solvent Red 73) and its sodium salt (Acid Red 95; CI 45425) when used as a substance in hair dye products	251-419-2	33239-19-9															13 36
3',6'-dihydroxy-4',5'-diiodospiro[isobenzofuran-1(3H),9'-[9H]xanthene]-3-one	254-010-7	38577-97-8	3',6'-Dihydroxy-4',5'-diiodospiro(isobenzofuran-1(3H),9'-[9H]xanthene)-3-one; (Solvent Red 73) and its sodium salt (Acid Red 95; CI 45425) when used as a substance in hair dye products	254-010-7	38577-97-8															13 36
3',6'-dihydroxy-2',4',5',7'-	240-046-0	15905-32-5	2',4',5',7'-Tetraiodofluorescein, its	240-046-0	15905-32-5															13 37

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tetraiodospir o[isobenzofu ran- 1(3H),9'- [9H]xanthen e]-3-one			disodium salt (Acid Red 51; CI 45430) and its aluminium salt (Pigment Red 172 Aluminium lake) when used as a substance in hair dye products																			
2,4- diaminophen ol	202- 459-4	95-86-3	1-Hydroxy- 2,4- diaminobenzen e (2,4- Diaminophenol) and its dihydrochlorid e salts (2,4- Diaminophenol HCl) when used as a substance in hair dye products	202- 459-4	95-86-3														13 38			
4-hydroxy- m- phenylenedi ammonium dichloride	205- 279-4	137-09- 7	1-Hydroxy- 2,4- diaminobenzen e (2,4- Diaminophenol) and its dihydrochlorid e salts (2,4- Diaminophenol HCl) when used as a substance in hair dye products	205- 279-4	137-09- 7														13 38			
Hydroquinon e	204- 617-8	123-31- 9	1,4- Dihydroxybenz ene (Hydroquinone) , with the exception of entry 14 in Annex III, Hydroquinone (4)	204- 617-8	123-31- 9	y													13 39	y	y	y
2,2'- oxydiethanol	203- 872-2	111-46- 6	Diethylene glycol (DEG); 2,2'- oxydiethanol for traces level, see Annex III, 2,2'- oxydiethanol Diethylene glycol (DEG), Diethylenegly col	203- 872-2,	111-46- 6	y													13 70			y
Phytomenadi one	201- 564-2	84-80-0	Phytonadione [INCI] / phytomenadio ne [INN]	201- 564-2	84-80-0														13 71			
2-methyl-3- (3,7,11,15- tetramethylh exadec-2- enyl)-1,4- naphthoquin one	279- 833-9	81818- 54-4	Phytonadione [INCI] / phytomenadio ne [INN]	279- 833-9	81818- 54-4														13 71			
2- aminophenol	202- 431-1	95-55-6	2-Aminophenol (o- Aminophenol; CI 76520) and its salts	202- 431-1	95-55-6	y													13 72		y	

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			<p>not a carcinogen, Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based, if they contain > 3 % w/w DMSO extract, Hydrocarbons, C17-30, hydrotreated distillates, distn. Lights, if they contain > 3 % w/w DMSO extract</p>															
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ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

Supplementary Table D: Substances proposed to be restricted due their use restriction in CPR Annex IV column g¹⁰

ECHA public			Other Public			Description(s)	CI #	Reg 11	Tbl 12	A-II # 13	CPR Annex IV		TI 14
Substance Name	EC #	CAS #	Substance Name	EC #	CAS #						#	use restriction (column g)	
Sodium tris(1,2-naphthoquinone 1-oximato-O,O')ferrate(1-)	240-299-7	16143-80-9	Sodium tris(1,2-naphthoquinone 1-oximato-O,O')ferrate(1-)	240-299-7	16143-80-9	CI 10006/Green	10006	y			1	Rinse-off products	
Disodium 5,7-dinitro-8-oxidonaphthalene-2-sulphonate	212-690-2	846-70-8	Disodium 5,7-dinitro-8-oxido-2-naphthalenesulfonate CI 10316, Disodium 5,7-dinitro-8-oxidonaphthalene-2-sulphonate and its insoluble barium, strontium and zirconium lakes, salts and pigments	212-690-2	846-70-8	CI 10316 / ACID YELLOW 1	10316				3	Not to be used in eye products	
Barium 8-hydroxy-5,7-dinitronaphthalene-2-sulphonate (1:1)	259-662-6	55482-31-0	Disodium 5,7-dinitro-8-oxidonaphthalene-2-sulphonate and its insoluble barium, strontium and zirconium lakes, salts and pigments	259-662-6	55482-31-0	CI 10316/Yellow	10316				3	Not to be used in eye products	
8-hydroxy-5,7-dinitronaphthalene-2-sulphonic acid, aluminium salt	282-945-0	84473-89-2	Disodium 5,7-dinitro-8-oxidonaphthalene-2-sulphonate and its insoluble barium, strontium and zirconium lakes, salts and pigments	282-945-0	84473-89-2	CI 10316/Yellow	10316				3	Not to be used in eye products	
			Disodium 5,7-dinitro-8-oxidonaphthalene-2-sulphonate and its insoluble barium, strontium and zirconium lakes, salts and pigments		549-34-8						3	Not to be used in eye products	
			Disodium 5,7-dinitro-8-oxidonaphthalene-2-sulphonate and its insoluble barium, strontium and zirconium lakes, salts and pigments		68698-86-2						3	Not to be used in eye products	
2-[(4-methyl-2-nitrophenyl)azo]-3-oxo-N-phenylbutyramide	219-730-8	2512-29-0	2-[(4-Methyl-2-nitrophenyl)azo]-3-oxo-N-phenylbutyramide, Pigment yellow 1	219-730-8	2512-29-0	CI 11680/Yellow	11680	y			4	Not to be used in products applied on mucous membranes	y
2-[(4-chloro-2-nitrophenyl)azo]-N-(2-chlorophenyl)-3-oxobutyramide	229-355-1	6486-23-3	2-[(4-Chloro-2-nitrophenyl)azo]-N-(2-chlorophenyl)-3-oxobutyramide, Pigment yellow 3	229-355-1	6486-23-3	CI 11710/Yellow	11710	y			5	Not to be used in products applied on mucous membranes	y
2-[(4-methoxy-2-nitrophenyl)azo]-3-oxo-N-(o-tolyl)butyramide	228-901-6	6371-96-6	2-[(4-Methoxy-2-nitrophenyl)azo]-3-oxo-N-(o-tolyl)butyramide	228-901-6	6371-96-6	CI 11725/Orange	11725				6	Rinse-off products	

¹⁰ Extraction as of 12/08/2016 from Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products

¹¹ Registered under REACH

¹² CoE ResAP(2008)1, Table 3 entry number

¹³ CPR Annex II entry number

¹⁴ Present in tattoo inks as per JRC report (JRC. 2015b)

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1-(4-methyl-2-nitrophenylazo)-2-naphthol	219-372-2	2425-85-6	1-[(4-Methyl-2-nitrophenyl)azo]-2-naphthol, Pigment red 3	219-372-2,	2425-85-6	CI 12120/Red	12 12 0	y			1 0	Rinse-off products	y
2-(propyloxy)ethanol ¹⁵	220-548-6	2807-30-9	1-[(4-Methyl-2-nitrophenyl)azo]-2-naphthol	219-372-2	2425-85-6			y			1 0	Rinse-off products	
N-(4-chloro-2-methylphenyl)-4-[(4-chloro-2-methylphenyl)azo]-3-hydroxynaphthalene-2-carboxamide	229-315-3	6471-51-8	N-(4-Chloro-2-methylphenyl)-4-[(4-chloro-2-methylphenyl)azo]-3-hydroxynaphthalene-2-carboxamide, Pigment red 7	229-315-3,	6471-51-8	CI 12420/Red	12 42 0				1 2	Rinse-off products	y
4-[(2,5-dichlorophenyl)azo]-N-(2,5-dimethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide	229-106-7	6410-40-8	4-[(2,5-Dichlorophenyl)azo]-N-(2,5-dimethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide	229-106-7	6410-40-8	CI 12480/Red	12 48 0				1 3	Rinse-off products	
2,4-dihydro-5-methyl-2-phenyl-4-(phenylazo)-3H-pyrazol-3-one	224-330-1	4314-14-1	2,4-Dihydro-5-methyl-2-phenyl-4-(phenylazo)-3H-pyrazol-3-one	224-330-1	4314-14-1	CI 12700/Yellow	12 70 0	y			1 5	Rinse-off products	
Sodium 4-[(2-hydroxy-1-naphthyl)azo]benzenesulphonate	211-199-0	633-96-5	Sodium 4-[(2-hydroxy-1-naphthyl)azo]benzenesulphonate and its insoluble barium, strontium and zirconium lakes, salts and pigments	211-199-0	633-96-5	CI 15510 / ACID ORANGE 7	15 51 0	y			2 1	Not to be used in eye products	
Sodium 4-(2-hydroxy-1-naphthylazo)naphthalenesulphonate	216-760-3	1658-56-6	Sodium 4-[(2-Hydroxy-1-naphthyl)azo]naphthalenesulphonate	216-760-3	1658-56-6	CI 15620/Red	15 62 0				2 4	Rinse-off products	
Disodium 7-hydroxy-8-phenylazonaphthalene-1,3-disulphonate	217-705-6	1936-15-8	Disodium 7-hydroxy-8-(phenylazo)naphthalene-1,3-disulphonate	217-705-6	1936-15-8	CI 16230/Orange	16 23 0				3 4	Not to be used in products applied on mucous membranes	
Disodium 5-acetylamino-4-hydroxy-3-(phenylazo)naphthalene-2,7-disulphonate	223-098-9	3734-67-6	Disodium 5-acetylamino-4-hydroxy-3-(phenylazo)naphthalene-2,7-disulphonate	223-098-9	3734-67-6	CI 18050/Red	18 05 0	y			3 8	Not to be used in products applied on mucous membranes ¹⁶	
			2,7-Naphthalenedisulfonic acid, 3-((4-cyclohexyl-2-methylphenyl)azo)-4-hydroxy-5-(((4-methylphenyl)sulfonyl)amino)-, disodium salt		1023-6-37-0						3 9	Rinse-off products	
Hydrogen bis[2-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]benzoato(2-)]chromate(1-)	227-022-5	5601-29-6	Hydrogen bis[2-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]benzoato(2-)]chromate(1-)	227-022-5	5601-29-6	CI 18690/Yellow	18 69 0	y			4 0	Rinse-off products	

¹⁵ With harmonised classification as Acute Tox. 4, Eye Irrit. 2 as per CLP Regulation

¹⁶ Purity criteria as set out in Commission Directive 95/ 45/EC (E 128)

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yl)azo]benzoato(2-)]chromate(1-)																		
Disodium hydrogen bis[5-chloro-3-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]-2-hydroxybenzenesulphonato(3-)]chromate(3-)	229-051-9	6408-26-0	Disodium hydrogen bis[5-chloro-3-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]-2-hydroxybenzenesulphonato(3-)]chromate(3-)	229-051-9	6408-26-0	CI 18736/Red	18736							4	1	Rinse-off products		
Sodium 4-(3-hydroxy-5-methyl-4-phenylazopyrazol-2-yl)benzenesulphonate	228-808-0	6359-82-6	Sodium 4-(3-hydroxy-5-methyl-4-phenylazopyrazol-2-yl)benzenesulphonate	228-808-0	6359-82-6	CI 18820/Yellow	18820							4	2	Rinse-off products		
N,N'-(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis[2-[(2,4-dichlorophenyl)azo]-3-oxobutyramide]	227-783-3	5979-28-2	N,N'-(3,3'-Dimethyl[1,1'-biphenyl]-4,4'-diyl)bis[2-[(2,4-dichlorophenyl)azo]-3-oxobutyramide]	227-783-3	5979-28-2	CI 20040/Yellow	20040							4	5	Rinse-off products ¹⁷		
Sodium 4-amino-5-hydroxy-3-(4-nitrophenylazo)-6-(phenylazo)naphthalene-2,7-disulphonate	213-903-1	1064-48-8	Sodium 4-amino-5-hydroxy-3-[(4-nitrophenyl)azo]-6-(phenylazo)naphthalene-2,7-disulphonate	213-903-1	1064-48-8	CI 20470/Yellow	20470							4	6	Rinse-off products		
4-amino-5-hydroxy-3-[(4-nitrophenyl)azo]-6-(phenylazo)naphthalene-2,7-disulphonic acid, sodium salt	280-105-8	8300-6-55-7	Sodium 4-amino-5-hydroxy-3-[(4-nitrophenyl)azo]-6-(phenylazo)naphthalene-2,7-disulphonate	280-105-8	8300-6-55-7	CI 20470/Yellow	20470							4	6	Rinse-off products		
			Sodium 4-amino-5-hydroxy-3-[(4-nitrophenyl)azo]-6-(phenylazo)naphthalene-2,7-disulphonate		8529-4-31-1									4	6	Rinse-off products		
2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxobutyramide]	226-939-8	5567-15-7	2,2'-[(3,3'-Dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxobutyramide], Pigment yellow 83	226-939-8	5567-15-7	CI 21108/Yellow	21108							4	8	Rinse-off products ¹⁸		y
Disodium 4,6-dihydroxy-3-[[4-[1-[4-[[1-hydroxy-7-[(phenylsulphonyl)oxy]-3-sulphonato-2-naphthyl]azo]phenyl]cyclohexyl]phenyl]azo]naphthalene-2-sulphonate	236-531-1	1342-1-53-9	Disodium 4,6-dihydroxy-3-[[4-[1-[4-[[1-hydroxy-7-[(phenylsulphonyl)oxy]-3-sulphonato-2-naphthyl]azo]phenyl]cyclohexyl]phenyl]azo]naphthalene-2-sulphonate	236-531-1	1342-1-53-9	CI 24790/Red	24790							5	0	Rinse-off products		

¹⁷ Other restrictions in CPR Annex IV column h: Maximum 3,3'-dimethylbenzidine concentration in the colouring agent: 5 ppm

¹⁸ Other restrictions in Annex IV column h: Maximum 3,3'-dimethylbenzidine concentration in the colouring agent: 5 ppm

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naphthyl]azo]phenyl]cyclohexyl]phenyl]azo]naphthalene-2-sulphonate														
Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-nitro-, disodium salt, reaction products with 4-[(4-aminophenyl)azo]benzenesulfonic acid, sodium salts	215-397-8	1325-54-8	Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis-5-nitro-, disodium salt, reaction products with 4-[(4-aminophenyl)azo]benzenesulfonic acid, sodium salts	215-397-8	1325-54-8	CI 40215/Orange	40215	y				54	Rinse-off products	
Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-nitro-, disodium salt, reaction products with 4-[(4-aminophenyl)azo]benzenesulfonic acid monosodium salt	256-783-6	50814-31-8	Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis-5-nitro-, disodium salt, reaction products with 4-[(4-aminophenyl)azo]benzenesulfonic acid, sodium salts	256-783-6	50814-31-8	CI 40215/Orange	40215					54	Rinse-off products	
			Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis-5-nitro-, disodium salt, reaction products with 4-[(4-aminophenyl)azo]benzenesulfonic acid, sodium salts	215-397-8	1325-54-8							54	Rinse-off products	
Hydrogen (benzyl)[4-[[4-[benzylethylamino]phenyl](2,4-disulphonatophenyl)methylene]cyclohexa-2,5-dien-1-ylidene](ethyl)ammonium, sodium salt	222-476-0	3486-30-4	Hydrogen (benzyl)[4-[[4-[benzylethylamino]phenyl](2,4-disulphonatophenyl)methylene]cyclohexa-2,5-dien-1-ylidene](ethyl)ammonium, sodium salt	222-476-0	3486-30-4	CI 42080/Blue	42080	y				62	Rinse-off products	
Hydrogen [4-[(2-chlorophenyl)[4-[ethyl(3-sulphonatobenzyl)amino]phenyl]methylene]cyclohexa-2,5-dien-1-ylidene](ethyl)(3-sulphonatobenzyl)ammonium, sodium salt	225-458-0	4857-81-2	Hydrogen [4-[(2-chlorophenyl)[4-[ethyl(3-sulphonatobenzyl)amino]phenyl]methylene]cyclohexa-2,5-dien-1-ylidene](ethyl)(3-sulphonatobenzyl)ammonium, sodium salt	225-458-0	4857-81-2	CI 42100/Green	42100					64	Rinse-off products	
Hydrogen [4-[(2-chlorophenyl)[4-[ethyl(3-sulphonatobenzyl)amino]	227-513-4	5863-51-4	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	227-513-4	5863-51-4	CI 42170/Green	42170					65	Rinse-off products	

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-o-tolyl]methylene]-3-methylcyclohexa-2,5-dien-1-ylidene](ethyl)(3-sulphonatobenzyl)ammonium, sodium salt														
4-[(4-amino-m-tolyl)(4-imino-3-methylcyclohexa-2,5-dien-1-ylidene)methyl]-o-toluidine monohydrochloride	221-831-7	3248-91-7	4-((4-Amino-3-methylphenyl)(4-imino-3-methyl-2,5-cyclohexadien-1-ylidene)methyl)-2-methylphenylamine monohydrochloride (CI 42520), 4-[(4-Amino-m-tolyl)(4-imino-3-methylcyclohexa-2,5-dien-1-ylidene)methyl]-o-toluidine monohydrochloride	221-831-7	3248-91-7	CI 42520 / BASIC VIOLET 2	42520 520						67	Rinse-off products
			4-((4-Amino-3-methylphenyl)(4-imino-3-methyl-2,5-cyclohexadien-1-ylidene)methyl)-2-methylphenylamine monohydrochloride (CI 42520), 4-[(4-Amino-m-tolyl)(4-imino-3-methylcyclohexa-2,5-dien-1-ylidene)methyl]-o-toluidine monohydrochloride	221-831-7	3248-91-7								67	Rinse-off products
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	229-390-2	6505-30-2	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	229-390-2	6505-30-2	CI 42735/ Blue	42735 5						68	Not to be used in products applied on mucous membranes
Hydrogen 3,6-bis(diethylamino)-9-(2,4-disulphonatophenyl)xanthylium, sodium salt	222-529-8	3520-42-1	Hydrogen 3,6-bis(diethylamino)-9-(2,4-disulphonatophenyl)xanthylium, sodium salt (18); (CI 45100), Hydrogen 3,6-bis(diethylamino)-9-(2,4-disulphonatophenyl)xanthylium, sodium salt	222-529-8	3520-42-1	CI 45100 / ACID RED 52	45100 100						71	Rinse-off products
Hydrogen 9-(2,4-disulphonatophenyl)-3,6-bis(ethylamino)-2,7-dimethylxanthylium, monosodium salt	227-528-6	5873-16-5	Hydrogen 9-(2,4-disulphonatophenyl)-3,6-bis(ethylamino)-2,7-dimethylxanthylium, monosodium salt	227-528-6	5873-16-5	CI 45220/ red	45220 0						73	Rinse-off products
Dipotassium 3,6-dichloro-2-(2,4,5,7-tetrabromo-6-oxido-3-oxoxanthen-9-yl)benzoate	229-225-4	6441-77-6	Dipotassium 3,6-dichloro-2-(2,4,5,7-tetrabromo-6-oxido-3-oxoxanthen-9-yl)benzoate	229-225-4	6441-77-6	CI 45405/Red	45405 5						78	Not to be used in eye products ¹⁹

¹⁹ Other restrictions in CPR Annex IV column h: 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

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Hydrogen 9-[(3-methoxyphenyl)amino]-7-phenyl-5-(phenylamino)-4,10-disulphonatobenzo[a]phenazinium, sodium salt	229-951-1	6856-08-2	Hydrogen 9-[(3-methoxyphenyl)amino]-7-phenyl-5-(phenylamino)-4,10-disulphonatobenzo[a]phenazinium, sodium salt	229-951-1	6856-08-2	CI 50325/ Violet	50 32 5					8 3	Rinse-off products	
1-anilino-4-hydroxyanthraquinone	242-939-0	1928-6-75-0	1-Anilino-4-hydroxyanthraquinone	242-939-0	1928-6-75-0	CI 60724/ Violet	60 72 4					8 8	Rinse-off products	
Sodium 4-[(9,10-dihydro-4-hydroxy-9,10-dioxo-1-anthryl)amino]toluene-3-sulphonate	224-618-7	4430-18-6	Sodium 4-[(9,10-dihydro-4-hydroxy-9,10-dioxo-1-anthryl)amino]toluene-3-sulphonate	224-618-7	4430-18-6	CI 60730 / ACID VIOLET 43	60 73 0				y	9 0	Not to be used in products applied on mucous membranes	
Sodium 3,3'-(9,10-dioxoanthracene-1,4-diylidimino)bis(2,4,6-trimethylbenzenesulphonate)	224-748-4	4474-24-2	Sodium 3,3'-(9,10-dioxoanthracene-1,4-diylidimino)bis(2,4,6-trimethylbenzenesulphonate)	224-748-4	4474-24-2	CI 61585/BI ue	61 58 5				y	9 3	Rinse-off products	
Sodium 1-amino-4-(cyclohexylamino)-9,10-dihydro-9,10-dioxoanthracene-2-sulphonate	224-460-9	4368-56-3	Sodium 1-amino-4-(cyclohexylamino)-9,10-dihydro-9,10-dioxoanthracene-2-sulphonate (18); (CI 62045), Sodium 1-amino-4-(cyclohexylamino)-9,10-dihydro-9,10-dioxoanthracene-2-sulphonate	224-460-9	4368-56-3	CI 62045 / ACID BLUE 62	62 04 5					9 4	Rinse-off products	
Bisbenzimidazo[2,1-b:2',1'-i]benzo[lmn][3,8]phenanthroline-8,17-dione	224-597-4	4424-06-0	Bisbenzimidazo[2,1-b:2',1'-i]benzo[lmn][3,8]phenanthroline-8,17-dione, Pigment orange 43	224-597-4	4424-06-0	CI 71105/ Orange	71 10 5				y	9 7	Not to be used in products applied on mucous membranes	y
5,12-dihydro-2,9-dimethylquino[2,3-b]acridine-7,14-dione	213-561-3	980-26-7	5,12-Dihydro-2,9-dimethylquino[2,3-b]acridine-7,14-dione, Pigment red 122	213-561-3	980-26-7	CI 73915/Re d	73 91 5				y	1 0 3	Rinse-off products	y
29H,31H-phthalocyanine	209-378-3	574-93-6	29H,31H-Phthalocyanine	209-378-3	574-93-6	CI 74100/BI ue	74 10 0				y	1 0 4	Rinse-off products	
Disulfo copper phthalocyanine amine salt	215-523-1	1328-51-4	Disodium [29H,31H-phthalocyaninedisulphonato(4-)-N29,N30,N31,N32]cuprate(2-)	215-523-1	1328-51-4	CI 74180/BI ue	74 18 0				y	1 0 6	Rinse-off products	
Bromothymol blue	200-971-2	76-59-5	Phenol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis[2-bromo-3-methyl-6-(1-methylethyl)-, S,S-dioxide	200-971-2	76-59-5							1 5 1	Rinse-off products	
Bromocresol green	200-972-8	76-60-8	Phenol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis[2,6-dibromo-3-methyl-, S,S-dioxide	200-972-8	76-60-8							1 5 2	Rinse-off products	

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C.I. Acid Red 195	602-053-0	12220-24-5	Sodium 4-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]-3-hydroxynaphthalene-1-sulphonate		12220-24-5							1 5 3	Not to be used in products applied on mucous membranes
(4-(4-aminophenyl)(4-aminocyclohexa-2,5-dienylidene)methyl)-2-methylaniline hydrochloride	211-189-6	632-99-5	4-[(4-Aminophenyl)(4-aminocyclohexa-2,5-dien-1-ylidene)methyl]-o-toluidine and its hydrochloride salt (Basic Violet 14; CI 42510) when used as a substance in hair dye products, (4-(4-Aminophenyl)(4-aminocyclohexa-2,5-dienylidene)methyl)-2-methylaniline hydrochloride	211-189-6, 221-832-2	632-99-5	CI 42510 / BASIC VIOLET 14	42 51 0					1 3 2 9 6	Not to be used in products applied on mucous membranes
Calcium bis[3-hydroxy-4-(phenylazo)-2-naphthoate]	228-899-7	6371-76-2	3-Hydroxy-4-(phenylazo)-2-naphthoic acid and its calcium salt (Pigment Red 64:1; CI 15800) when used as a substance in hair dye products, Calcium bis[3-hydroxy-4-(phenylazo)-2-naphthoate]	228-899-7	6371-76-2	CI 15800/Red	15 80 0					1 3 3 1 6	Not to be used in products applied on mucous membranes
Hydrogen 9-(2-carboxylatophenyl)-3-(2-methylanilino)-6-(2-methyl-4-sulphoanilino)xanthylum, monosodium salt	228-377-9	6252-76-2	Xanthylum, 9-(2-carboxyphenyl)-3-((2-methylphenyl)amino)-6-((2-methyl-4-sulphophenyl)amino)-, inner salt and its sodium salt (Acid Violet 9; CI 45190) when used as a substance in hair dye products, Hydrogen 9-(2-carboxylatophenyl)-3-(2-methylanilino)-6-(2-methyl-4-sulphoanilino)xanthylum, monosodium salt	228-377-9	6252-76-2	CI 45190 / ACID VIOLET 9	45 19 0					1 3 3 5 7 2	Rinse-off products
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride	219-943-6	2580-56-5	[4-[[4-Anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (Basic Blue 26; CI 44045) when used as a substance in hair dye products, [4-[[4-Anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride	219-943-6	2580-56-5	CI 44045/Blue	44 04 5					1 3 4 0 6 9	Not to be used in products applied on mucous membranes
Trisodium tris[5,6-dihydro-5-(hydroxyimino)-6-oxonaphthalene-2-sulphonato(2-)-N5,O6]ferrate(3-)	243-010-2	19381-50-1	Trisodium tris[5,6-dihydro-5-(hydroxyimino)-6-oxonaphthalene-2-sulphonato(2-)-N5,O6]ferrate(3-); (Acid Green 1; CI 10020) when used as a substance in hair dye products, Trisodium tris[5,6-dihydro-5-(hydroxyimino)-6-oxonaphthalene-2-sulphonato(2-)-N5,O6]ferrate(3-)	243-010-2	19381-50-1	CI 10020/Green	10 02 0					1 3 4 2 2	Not to be used in products applied on mucous membranes
4-[(4-ethoxyphenyl)azo]naphthol	229-439-8	6535-42-8	4-[(4-Ethoxyphenyl)azo]naphthol (Solvent Red 3; CI 12010) and its salts when used as a substance in hair dye products, 4-[(4-Ethoxyphenyl)azo]naphthol	229-439-8	6535-42-8	CI 12010 / SOLVENT RED 3	12 01 0					1 3 4 4 8	Not to be used in products applied on mucous membranes

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3-hydroxy-N-(o-tolyl)-4-[(2,4,5-trichlorophenyl)azo]naphthalene-2-carboxamide	229-440-3	6535-46-2	3-Hydroxy-N-(o-tolyl)-4-[(2,4,5-trichlorophenyl)azo]naphthalene-2-carboxamide (Pigment Red 112; CI 12370) and its salts when used as a substance in hair dye products, 3-Hydroxy-N-(o-tolyl)-4-[(2,4,5-trichlorophenyl)azo]naphthalene-2-carboxamide, Pigment red 112	229-440-3,	6535-46-2	CI 12370 / PIGMENT RED 112	12370	0	y	1346	1	Rinse-off products	y	
2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(2,4-dimethylphenyl)-3-oxobutyramide] (Pigment Yellow 13; CI 21100) when used as a substance in hair dye products, 2,2'-[(3,3'-Dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(2,4-dimethylphenyl)-3-oxobutyramide]	225-822-9	5102-83-0	2,2'-[(3,3'-Dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(2,4-dimethylphenyl)-3-oxobutyramide] (Pigment Yellow 13; CI 21100) when used as a substance in hair dye products, 2,2'-[(3,3'-Dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(2,4-dimethylphenyl)-3-oxobutyramide]	225-822-9	5102-83-0	CI 21100 / PIGMENT YELLOW 13	21100	2100	y	1351	47	Rinse-off products ²⁰		
1,1'-[[2-(2-chlorophenyl)methylene]bis[(2,5-dimethyl-4,1-phenylene)azo]]bis(2-naphthol)	229-753-5	6706-75-8	2,2'-[Cyclohexylidenebis[(2-methyl-4,1-phenylene)azo]]bis[4-cyclohexylphenol] (Solvent Yellow 29; CI 21230) when used as a substance in hair dye products, 2,2'-[Cyclohexylidenebis[(2-methyl-4,1-phenylene)azo]]bis[4-cyclohexylphenol]	229-754-0	6706-82-7						1352	49	Not to be used in products applied on mucous membranes	
2,2'-[cyclohexylidenebis[(2-methyl-4,1-phenylene)azo]]bis[4-cyclohexylphenol]	229-754-0	6706-82-7	2,2'-[Cyclohexylidenebis[(2-methyl-4,1-phenylene)azo]]bis[4-cyclohexylphenol] (Solvent Yellow 29; CI 21230) when used as a substance in hair dye products, 2,2'-[Cyclohexylidenebis[(2-methyl-4,1-phenylene)azo]]bis[4-cyclohexylphenol]	229-754-0	6706-82-7	CI 21230 / SOLVENT YELLOW 29	21230	21230			1352	49	Not to be used in products applied on mucous membranes	
1-(4-(phenylazo)phenylazo)-2-naphthol	201-638-4	85-86-9	1-((4-Phenylazo)phenylazo)-2-naphthol (Solvent Red 23; CI 26100) when used as a substance in hair dye products, 1-(4-(Phenylazo)phenylazo)-2-naphthol	201-638-4	85-86-9	CI 26100 / SOLVENT RED 23	26100	26100			1353	51	Not to be used in products applied on mucous membranes ²¹	
Hydrogen [4-[4-(diethylamino)-2',4'-disulphonatobenzhydrylidene]cyclohexa-2,5-dien-1-ylidene]diethylammonium, sodium salt	204-934-1	129-17-9	Ethanaminium, N-(4-((4-diethylamino)phenyl)(2,4-disulphophenyl)methylene)-2,5-cyclohexadien-1-ylidene)-N-ethyl-, hydroxide, inner salt, sodium salt (Acid Blue 1; CI 42045) when used as a substance in hair dye products, Ammonium, (4-(alpha-(p-(diethylamino)phenyl)-2,4-disulphobenzylidene)-2,5-cyclohexadien-1-ylidene)diethyl-, hydroxide, monosodium salt	204-934-1	129-17-9	CI 42045 / ACID BLUE 1	42045	42045	y		1354	59	Not to be used in products applied on mucous membranes	

²⁰ Other restrictions in CPR Annex IV column h: Maximum 3,3'-dimethylbenzidine concentration in the colouring agent: 5 ppm

²¹ Other restrictions in CPR Annex IV column i: Purity criteria: aniline ≤ 0,2 % 2-naphthol ≤ 0,2 % 4-aminoazobenzene ≤ 0,1 % 1-(phenylazo)-2-naphthol ≤ 3 % 1-[2-(phenylazo)phenylazo]-2-naphthalenol ≤ 2 %

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1,3-isobenzofurandione, reaction products with methylquinoline and quinoline	232-318-2	8003-22-3	1,3-Isobenzofurandione, reaction products with methylquinoline and quinoline (Solvent Yellow 33; CI 47000) when used as a substance in hair dye products, 1,3-Isobenzofurandione, reaction products with methylquinoline and quinoline	232-318-2	8003-22-3	CI 47000 / SOLVENT YELLOW 33	47000	y	1358	81	Not to be used in products applied on mucous membranes	
Acid Black 2	616-852-7	8005-03-6	Nigrosine (CI 50420) when used as a substance in hair dye products, Sulfonated nigrosine color		8005-03-6				1359	84	Not to be used in products applied on mucous membranes	
8,18-dichloro-5,15-diethyl-5,15-dihydrodiindolo[3,2-b:3',2'-m]triphenodioxazine	228-767-9	6358-30-1	8,18-Dichloro-5,15-diethyl-5,15-dihydrodiindolo[3,2-b:3',2'-m]triphenodioxazine (Pigment Violet 23; CI 51319) when used as a substance in hair dye products, 8,18-Dichloro-5,15-diethyl-5,15-dihydrodiindolo[3,2-b:3',2'-m]triphenodioxazine, Pigment violet 23	228-767-9	6358-30-1	CI 51319 / PIGMENT VIOLET 23,	51319		1360	85	Rinse-off products	y
Diindolo[2,3-c:2',3'-n]triphenodioxazine, 9,19-dichloro-5,15-diethyl-5,15-dihydro-	613-252-7	6358-30-1	8,18-Dichloro-5,15-diethyl-5,15-dihydrodiindolo[3,2-b:3',2'-m]triphenodioxazine (Pigment Violet 23; CI 51319) when used as a substance in hair dye products, 8,18-Dichloro-5,15-diethyl-5,15-dihydrodiindolo[3,2-b:3',2'-m]triphenodioxazine, Pigment violet 23	228-767-9	6358-30-1				1361	85	Rinse-off products	y
			8,18-Dichloro-5,15-diethyl-5,15-dihydrodiindolo[3,2-b:3',2'-m]triphenodioxazine (Pigment Violet 23; CI 51319) when used as a substance in hair dye products, 8,18-Dichloro-5,15-diethyl-5,15-dihydrodiindolo[3,2-b:3',2'-m]triphenodioxazine, Pigment violet 23	228-767-9	6358-30-1				1362	85	Rinse-off products	y
Trisodium 8-hydroxypyrene-1,3,6-trisulphonate	228-783-6	6358-69-6	Trisodium 8-hydroxypyrene-1,3,6-trisulphonate (Solvent Green 7; CI 59040) when used as a substance in hair dye products, Trisodium 8-hydroxypyrene-1,3,6-trisulphonate	228-783-6	6358-69-6	CI 59040 / SOLVENT GREEN 7	59040	y	1363	87	Not to be used in products applied on mucous membranes	
5,12-dihydroquino[2,3-b]acridine-7,14-dione	213-879-2	1047-16-1	5,12-Dihydroquino[2,3-b]acridine-7,14-dione (Pigment Violet 19; CI 73900) when used as a substance in hair dye products, 5,12-Dihydroquino[2,3-b]acridine-7,14-dione, Pigment violet 19	213-879-2	1047-16-1	CI 73900 / PIGMENT VIOLET 19,	73900	y	1364	62	Rinse-off products	y
Disodium [29H,31H-phthalocyaninedisulphonato(4-)-N29,N30,N31,N32]cuprate(2-)	215-537-8	1330-38-7	Disodium [29H,31H-phthalocyaninedisulphonato(4-)-N29,N30,N31,N32]cuprate(2-) (Direct Blue 86; CI 74180) when used as a substance in hair dye products, Disodium [29H,31H-phthalocyaninedisulphonato(4-)-N29,N30,N31,N32]cuprate(2-), Direct blue 86	215-537-8,	1330-38-7	CI 74180/Blue	74180		1365	66	Rinse-off products	y

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Polychloro copper phthalocyanine	215-524-7	1328-53-6	Polychloro copper phthalocyanine (Pigment Green 7; CI 74260) when used as a substance in hair dye products, Polychloro copper phthalocyanine, Pigment green 7	215-524-7	1328-53-6	CI 74260 / PIGMENT GREEN 7,	74260	y		1369	107	Not to be used in eye products	y
			Polychloro copper phthalocyanine (Pigment Green 7; CI 74260) when used as a substance in hair dye products, Polychloro copper phthalocyanine, Pigment green 7	215-524-7	1328-53-6					1369	107	Not to be used in eye products	y

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Supplementary Table E: Substances allowed in tattoo inks subject to the conditions specified in CPR Annex IV columns h and i²²

ECHA Public			Other Public			Description (s)	CI #	Reg ²³	A - II # ²⁴	CPR Annex IV		TI ²⁵	
Substance Name	EC #	CAS #	Substance Name	EC #	CAS #					Conditions of use			
										Column h ²⁶	Column i: other		
Disodium 4-hydroxy-3-[[4-sulphonatonaphthyl)azo]naphthalenesulphonate	222-657-4	3567-69-9	Disodium 4-hydroxy-3-[[4-sulphonatonaphthyl)azo]naphthalenesulphonate, Acid red 14, Food red 3 (Carmoisine lake)	222-657-4	3567-69-9	CI 14720 / ACID RED 14	14720	y		19	Purity criteria as set out in Commission Directive 95/45/EC (E 122)	y	
Aluminium, 4-hydroxy-3-[[4-sulfo-1-naphthalenyl)azo]-1-naphthalenesulfonic acid complex	282-478-2	84238-07-3	Disodium 4-hydroxy-3-[[4-sulphonatonaphthyl)azo]naphthalenesulphonate	282-478-2	84238-07-3	ACID RED 14 ALUMINUM LAKE	14720			19	Purity criteria as set out in Commission Directive 95/45/EC (E 122)		
Sodium 2-[(2-hydroxynaphthyl)azo]naphthalenesulphonate	214-998-2	1248-18-6	Sodium 2-[(2-hydroxynaphthyl)azo]naphthalenesulphonate and its insoluble barium, strontium and zirconium lakes, salts and pigments	214-998-2	1248-18-6	CI 15630/Red	15630			25	3%		
Calcium 3-hydroxy-4-[[4-methyl-2-sulphonatophenyl)azo]-2-naphthoate	226-109-5	5281-04-9	Disodium 3-hydroxy-4-[[4-methyl-2-sulphonatophenyl)azo]-2-naphthoate and its insoluble barium, strontium and zirconium lakes, salts and pigments, Pigment red 57:1	226-109-5	5281-04-9	CI 15850/PIGMENT RED 57:1	15850	y		27		Purity criteria as set out in Commission Directive 95/45/EC (E 180)	y
Disodium 3-hydroxy-4-[[4-methyl-2-sulphonatophenyl)azo]-2-naphthoate	227-497-9	5858-81-1	Disodium 3-hydroxy-4-[[4-methyl-2-sulphonatophenyl)azo]-2-naphthoate and its insoluble barium, strontium and zirconium lakes, salts and pigments	227-497-9	5858-81-1	CI 15850 / PIGMENT RED 57	15850			27		Purity criteria as set out in Commission Directive 95/45/EC (E 180)	
Disodium 6-hydroxy-5-[[4-sulphonatophenyl)azo]naphthalene-2-sulphonate	220-491-7	2783-94-0	Disodium 6-hydroxy-5-[[4-sulphonatophenyl)azo]naphthalene-2-sulphonate and its insoluble barium, strontium and zirconium lakes, salts and pigments, Food	220-491-7	2783-94-0	CI 15985/Yellow	15985	y		31		Purity criteria as set out in Commission Directive 95/45/EC (E 110)	y

²² Extraction as of 12/08/2016 from Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products

²³ Registered under REACH

²⁴ CPR Annex II entry number

²⁵ Present in tattoo inks as per JRC report

²⁶ Maximum concentration in ready for use preparation as per Column h in CPR Annex IV

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			yellow 3 (Sunset yellow, E110)										
Disodium 6-hydroxy-5-[(2-methoxy-4-sulphonato-m-tolyl)azo]naphthalene-2-sulphonate	247-368-0	25956-17-6	Disodium 6-hydroxy-5-[(2-methoxy-4-sulphonato-m-tolyl)azo]naphthalene-2-sulphonate (18); (CI 16035), Disodium 6-hydroxy-5-[(2-methoxy-4-sulphonato-m-tolyl)azo]naphthalene-2-sulphonate	247-368-0	25956-17-6	CI 16035/Red	16035	y		32		Purity criteria as set out in Commission Directive 95/45/EC (E 129)	
Aluminium, 3-hydroxy-4-[(4-sulfo-1-naphthalenyl)azo]-2,7-naphthalenedisulfonic acid complex	235-437-8	12227-62-2	Trisodium 3-hydroxy-4-(4'-sulphonatonaphthylazo)naphthalene-2,7-disulphonate	235-437-8	12227-62-2	CI 16185/ACID RED 27 ALUMINUM LAKE	16185			33		Purity criteria as set out in Commission Directive 95/45/EC (E 123)	
Aluminium, 7-hydroxy-8-[(4-sulfo-1-naphthalenyl)azo]-1,3-naphthalenedisulfonic acid complex	235-438-3	12227-64-4	Trisodium 1-(1-naphthylazo)-2-hydroxynaphthalene-4',6,8-trisulphonate and aluminium lake (18); (CI 16255), Trisodium 1-(1-naphthylazo)-2-hydroxynaphthalene-4',6,8-trisulphonate and its insoluble barium, strontium and zirconium lakes, salts and pigments	235-438-3	12227-64-4	CI 16255/ACID RED 18 ALUMINUM LAKE	16255			35		Purity criteria as set out in Commission Directive 95/45/EC (E 124)	
Trisodium 5-hydroxy-1-(4-sulphophenyl)-4-(4-sulphophenylazo)pyrazole-3-carboxylate	217-699-5	1934-21-0	Trisodium 5-hydroxy-1-(4-sulphophenyl)-4-(4-sulphophenylazo)pyrazole-3-carboxylate and aluminium lake (18); (CI 19140), Trisodium 5-hydroxy-1-(4-sulphophenyl)-4-(4-sulphophenylazo)pyrazole-3-carboxylate and its insoluble barium, strontium and zirconium lakes, salts and pigments, Acid yellow 23	217-699-5	1934-21-0	CI 19140 / ACID YELLOW 23	19140	y		44		Purity criteria as set out in Commission Directive 95/45/EC (E 102)	y
Aluminium, 4,5-dihydro-5-oxo-1-(4-sulphophenyl)-4-[(4-sulphophenyl)azo]-1H-pyrazole-3-carboxylic acid complex	235-428-9	12225-21-7	Trisodium 5-hydroxy-1-(4-sulphophenyl)-4-(4-sulphophenylazo)pyrazole-3-carboxylate and aluminium lake (18); (CI 19140), Trisodium 5-hydroxy-1-(4-sulphophenyl)-4-(4-sulphophenylazo)pyrazole-3-carboxylate and its insoluble	235-428-9	12225-21-7	CI 19140/ACID YELLOW 23 ALUMINUM LAKE	19140	y		44		Purity criteria as set out in Commission Directive 95/45/EC (E 102)	y

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			barium, strontium and zirconium lakes, salts and pigments, Pigment yellow 100 (Food yellow 4:1)										
4,5-dihydro-5-oxo-1-(4-sulphophenyl)-4-[[4-sulphophenyl)azo]-1H-pyrazole-3-carboxylic acid, barium salt	278-024-8	74920-66-4	Trisodium 5-hydroxy-1-(4-sulphophenyl)-4-((4-sulphophenyl)azo)pyrazole-3-carboxylate and its insoluble barium, strontium and zirconium lakes, salts and pigments	278-024-8	74920-66-4	CI 19140/Yellow	1914	0			44		Purity criteria as set out in Commission Directive 95/45/EC (E 102)
Barium 4,5-dihydro-5-oxo-1-(4-sulphonatophenyl)-4-[[4-sulphonatophenyl)azo]-1H-pyrazole-3-carboxylate (3:2)	283-540-1	84681-80-1	Trisodium 5-hydroxy-1-(4-sulphophenyl)-4-((4-sulphophenyl)azo)pyrazole-3-carboxylate and its insoluble barium, strontium and zirconium lakes, salts and pigments	283-540-1	84681-80-1	CI 19140/Yellow	1914	0			44		Purity criteria as set out in Commission Directive 95/45/EC (E 102)
Tetrasodium 1-acetamido-2-hydroxy-3-(4-((4-sulphonatophenylazo)-7-sulphonato-1-naphthylazo))naphthalene-4,6-disulphonate	219-746-5	2519-30-4	Tetrasodium 1-acetamido-2-hydroxy-3-(4-((4-sulphonatophenylazo)-7-sulphonato-1-naphthylazo))naphthalene-4,6-disulphonate	219-746-5	2519-30-4	CI 28440 / BRILLIANT BLACK 1	2844	0	y		53		Purity criteria as set out in Commission Directive 95/45/EC (E 151)
			beta Carotene		116-32-5						55		Purity criteria as set out in Commission Directive 95/45/EC (E160a)
			beta Carotene		317-97-85-0						55		Purity criteria as set out in Commission Directive 95/45/EC (E160a)
Ethyl 8'-apo-β-caroten-8'-oate	214-173-7	1109-11-1	Ethyl 8'-apo-.beta.-caroten-8'-oate	214-173-7	1109-11-1	CI 40825/Orange	4082	5			57		Purity criteria as set out in Commission Directive 95/45/EC (E 160f)
Canthaxanthin	208-187-2	514-78-3	Canthaxanthin	208-187-2	514-78-3	CI 40850/Orange	4085	0			58		Purity criteria as set out in Commission Directive 95/45/EC (E 161g)
Diammonio(ethyl)[4-[[4-[ethyl(3-sulphonatobenzyl)amino]phenyl](2-sulphonatophenyl)methylene]cyclohexa-2,5-dien-1-ylidene](3-sulphonatobenzyl)ammonium	220-168-0	2650-18-2	Benzenemethanaminium, N-ethyl-N-[4-[[4-[ethyl(3-sulphophenyl)methyl]-amino]-phenyl](2-sulphophenyl)methylene]-2,5-cyclohexadien-1-ylidene]-3-sulfo, inner salts, disodium salt and its ammonium and aluminium salts (18); (CI 42090), Benzenemethanaminium, N-ethyl-	220-168-0	2650-18-2	CI 42090/ACID BLUE 9 AMMONIUM SALT	4209	0			63		Purity criteria as set out in Commission Directive 95/45/EC (E 133)

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			N-(4-((4-(ethyl((3-sulphophenyl)methyl)amino)phenyl)(2-sulphophenyl)methylene)-2,5-cyclohexadien-1-ylidene)-3-sulfo-, hydroxide, inner salt, disodium salt, Acid blue 9									
Dihydrogen (ethyl)[4-[4-[ethyl(3-sulphonatobenzyl)]amino]-2'-sulphonatobenzhydrylidene]cyclohexa-2,5-dien-1-ylidene](3-sulphonatobenzyl)ammonium, disodium salt	223-339-8	3844-45-9	Benzenemethanaminium, N-ethyl-N-[4-[[4-[ethyl-(3-sulphophenyl)-methyl]-amino]-phenyl](2-sulphophenyl)methylene]-2,5-cyclohexadien-1-ylidene]-3-sulfo-, inner salts, disodium salt and its ammonium and aluminium salts (18); (CI 42090), Benzenemethanaminium, N-ethyl-N-(4-((4-(ethyl((3-sulphophenyl)methyl)amino)phenyl)(2-sulphophenyl)methylene)-2,5-cyclohexadien-1-ylidene)-3-sulfo-, hydroxide, inner salt, disodium salt	223-339-8	3844-45-9	CI 42090 / ACID BLUE 9	42090				63	Purity criteria as set out in Commission Directive 95/45/EC (E 133)
Hexahydrogen tris[(ethyl)[4-[[4-[ethyl(3-sulphonatobenzyl)amino]phenyl](2-sulphonatophenyl)methylene]cyclohexa-2,5-dien-1-ylidene](3-sulphonatobenzyl)ammonium], dialuminium salt	239-897-0	15792-67-3	Benzenemethanaminium, N-ethyl-N-(4-((4-(ethyl((3-sulphophenyl)methyl)amino)phenyl)(2-sulphophenyl)methylene)-2,5-cyclohexadien-1-ylidene)-3-sulfo-, hydroxide, inner salt, disodium salt	239-897-0	155792-67-3	CI 42090/ Blue	42090				63	Purity criteria as set out in Commission Directive 95/45/EC (E 133)
Dihydrogen (ethyl)[4-[4-[ethyl(3-sulphonatobenzyl)amino]-2'-sulphonatobenzhydrylidene]cyclohexa-2,5-dien-1-ylidene](3-sulphonatobenzyl)ammonium, dipotassium salt	275-866-8	71701-18-3	Benzenemethanaminium, N-ethyl-N-(4-((4-(ethyl((3-sulphophenyl)methyl)amino)phenyl)(2-sulphophenyl)methylene)-2,5-cyclohexadien-1-ylidene)-3-sulfo-, hydroxide, inner salt, disodium salt	275-866-8	71701-18-3	CI 42090/ Blue	42090				63	Purity criteria as set out in Commission Directive 95/45/EC (E 133)
Dihydrogen (ethyl)[4-[α-[4-[ethyl(3-sulphonatobenzyl)amin	275-867-3	71701-19-4	Benzenemethanaminium, N-ethyl-N-(4-((4-(ethyl((3-sulphophenyl)methyl)amino)phenyl)	275-867-3	71701-19-4	CI 42090/ Blue	42090				63	Purity criteria as set out in Commission Directive 95/45/EC (E 133)

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o]phenyl]-2-sulphonatobenzylidene]cyclohexa-2,5-dien-1-ylidene](3-sulphonatobenzyl)amm onium, potassium sodium salt			(2-sulfo]phenyl)methylene)-2,5-cyclohexadien-1-ylidene)-3-sulfo-, hydroxide, inner salt, disodium salt															
			Benzenemethanaminium, N-ethyl-N-(4-((4-(ethyl((3-sulfo]phenyl)methyl)amino)phenyl)(2-sulfo]phenyl)methylene)-2,5-cyclohexadien-1-ylidene)-3-sulfo-, hydroxide, inner salt, disodium salt		373 07- 56-5							63						Purity criteria as set out in Commission Directive 95/45/EC (E 133)
			Benzenemethanaminium, N-ethyl-N-(4-((4-(ethyl((3-sulfo]phenyl)methyl)amino)phenyl)(2-sulfo]phenyl)methylene)-2,5-cyclohexadien-1-ylidene)-3-sulfo-, hydroxide, inner salt, disodium salt		637 1- 85-3							63						Purity criteria as set out in Commission Directive 95/45/EC (E 133)
Hydrogen [4-[4-(dimethylamino)-a-(2-hydroxy-3,6-disulphonato-1-naphthyl)benzylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium, monosodium salt	221- 409- 2	3087 -16- 9	Hydrogen [4-[4-(dimethylamino)-.alpha.-(2-hydroxy-3,6-disulphonato-1-naphthyl)benzylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium, monosodium salt	221- 409- 2	308 7- 16-9	CI 44090 / ACID GREEN 50 / Blue	44 09 0	y				70						Purity criteria as set out in Commission Directive 95/45/EC (E 142)
Dipotassium 2-(6-oxido-3-oxoxanthen-9-yl)benzoate	229- 143- 9	6417 -85- 2	Disodium 2-(3-oxo-6-oxidoxanthen-9-yl)benzoate	229- 143- 9	641 7- 85-2	CI 45350/ Yellow	45 35 0					74	6%					
2-(2,4,5,7-tetrabromo-3,6-dihydroxyxanthen-9-yl)benzoic acid, zirconium salt	301- 481- 2	9402 1- 89-3	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	301- 481- 2	940 21- 89-3	CI 45380/ Red	45 38 0					76						Not more than 1 % 2-(6-hydroxy-3-oxo-3H-xanthen- 9-y1) benzoic acid and 2 % 2-(bromo-6-hydroxy-3-oxo- 3H-xanthen-9-yl) benzoic acid
			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, Acid red 87		548- 26-5							76						Not more than 1 % 2-(6-hydroxy-3-oxo-3H-xanthen- 9-y1) benzoic acid and 2 % 2-(bromo-6-hydroxy-3-oxo- 3H-xanthen-9-yl) benzoic acid y

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3',6'-dihydroxy-4',5'-dinitrospiro[isobenzofuran-1(3H),9'-[9H]xanthene]-3-one	246-308-0	24545-86-6	3',6'-Dihydroxy-4',5'-dinitrospiro[isobenzofuran-1(3H),9'-[9H]xanthene]-3-one	246-308-0	24545-86-6	CI 45396/Orange	45396				77	1%, when used in lip products	Only in free acid form, when used in lip products
2',4',5',7'-tetrabromo-4,5,6,7-tetrachloro-3',6'-dihydroxyspiro[isobenzofuran-1(3H),9'-[9H]xanthene]-3-one	236-747-6	13473-26-2	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	236-747-6	13473-26-2	CI 45410 / SOLVENT RED 48	45410	y			79		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
3,4,5,6-tetrachloro-2-(1,4,5,8-tetrabromo-6-hydroxy-3-oxoxanthen-9-yl)benzoic acid	242-355-6	18472-87-2	Fluorescein, 2',4',5',7'-tetrabromo-4,5,6,7-tetrachloro-, disodium salt (CI 45410), 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	242-355-6	18472-87-2	CI 45410 / ACID RED 92	45410	y			79		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
Aluminum, 2-(1,3-dihydro-1,3-dioxo-2H-inden-2-ylidene)-1,2-dihydro-6,7-quinolinedisulfonate complexes	305-632-3	94891-32-4	1H-Indene-1,3(2H)-dione, 2-(2-quinoliny)-, sulfonated, sodium salts	305-632-3	94891-32-4	CI 47005/ Yellow	47005				82		Purity criteria as set out in Commission Directive 95/45/EC (E 104)
1H-Indene-1,3(2H)-dione, 2-(2-quinoliny)-, sulfonated, sodium salts	305-897-5	8004-92-0, 95193-83-2	1H-Indene-1,3(2H)-dione, 2-(2-quinoliny)-, sulfonated, sodium salts, Acid yellow 3	305-897-5	95193-83-2, 8004-92-0	CI 47005 / ACID YELLOW 3	47005				82		Purity criteria as set out in Commission Directive 95/45/EC (E 104)
C.I. Pigment Yellow 115	614-732-9	68814-04-0	1H-Indene-1,3(2H)-dione, 2-(2-quinoliny)-, sulfonated, sodium salts		68814-04-0						82		Purity criteria as set out in Commission Directive 95/45/EC (E 104)
1H-Indene-1,3(2H)-dione, 2-(2-quinoliny)-, sulfonated, sodium salts	616-849-0	8004-92-0	1H-Indene-1,3(2H)-dione, 2-(2-quinoliny)-, sulfonated, sodium salts, Acid yellow 3		8004-92-0						82		Purity criteria as set out in Commission Directive 95/45/EC (E 104)

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Disodium 5,5'-(2-(1,3-dihydro-3-oxo-2H-indazol-2-ylidene)-1,2-dihydro-3H-indol-3-one)disulphonate	212-728-8	860-22-0	Disodium 5,5'-(2-(1,3-dihydro-3-oxo-2H-indazol-2-ylidene)-1,2-dihydro-3H-indol-3-one)disulphonate	212-728-8	860-22-0	CI 73015 / ACID BLUE 74	73015	y	99	Purity criteria as set out in Commission Directive 95/45/EC (E 132)
Aluminium, 2-(1,3-dihydro-3-oxo-5-sulfo-2H-indol-2-ylidene)-2,3-dihydro-3-oxo-1H-indole-5-sulfonic acid complex	240-589-3	16521-38-3	Disodium 5,5'-(2-(1,3-dihydro-3-oxo-2H-indazol-2-ylidene)-1,2-dihydro-3H-indol-3-one)disulphonate	240-589-3	16521-38-3	CI 73015/ ACID BLUE 74 ALUMINUM LAKE	73015	y	99	Purity criteria as set out in Commission Directive 95/45/EC (E 132)
6,6'-diapo-ψ,ψ-carotenedioic acid	208-810-8	542-40-5	Annatto	208-810-8	542-40-5	CI 75120/Orange	75120		109	Purity criteria as set out in Commission Directive 95/45/EC (E 160b)
Annatto	215-735-4	1393-63-1	Annatto	215-735-4	1393-63-1	CI 75120/Orange	75120		109	Purity criteria as set out in Commission Directive 95/45/EC (E 160b)
Methyl (9-cis)-hydrogen-6,6'-diapo-ψ,ψ-carotenedioate	230-248-7	6983-79-5	Annatto	230-248-7		CI 75120/Orange	75120		109	Purity criteria as set out in Commission Directive 95/45/EC (E 160b)
Dipotassium 6,6'-diapo-ψ,ψ-carotenedioate	251-431-8	33261-80-2	Annatto	251-431-8	33261-80-2	CI 75120/Orange	75120		109	Purity criteria as set out in Commission Directive 95/45/EC (E 160b)
Disodium 6,6'-diapo-ψ,ψ-carotenedioate	251-432-3	33261-81-3	Annatto	251-432-3	33261-81-3	CI 75120/Orange	75120		109	Purity criteria as set out in Commission Directive 95/45/EC (E 160b)
Annatto tree, ext.	289-561-2	89957-43-7	Annatto	289-561-2		CI 75120/Orange	75120		109	Purity criteria as set out in Commission Directive 95/45/EC (E 160b)
Psi,psi-carotene	207-949-1	502-65-8	Lycopene	207-949-1	502-65-8	CI 75125 / LYCOPENE/Yellow	75125		110	Purity criteria as set out in Commission Directive 95/45/EC (E 160d)
1,7-bis(4-hydroxy-3-methoxyphenyl)hepta-1,6-diene-3,5-dione	207-280-5	458-37-7	Curcumins	207-280-5	458-37-7	CI 75300 / CURCUMIN/ Yellow	75300		114	Purity criteria as set out in Commission Directive 95/45/EC (E 100)
Curcumin (Synthetic)	678-357-2	94875-80-6	Curcumins		94875-80-6				114	Purity criteria as set out in Commission Directive 95/45/EC (E 100)
Carminic acid	215-023-3	1260-17-9	Carmines, Natural red 4 (E180) Carmine (E 120)	215-023-3	1260-17-9	CI 75470/Red	75470		115	Purity criteria as set out in Commission Directive 95/45/EC (E 120) y
Cochineal (dye)	215-680-6	1343-78-8	Carmines, Natural red 4 (E180) Carmine (E 120)	215-680-6	1343-78-8	CI 75470/COCHineal/Red	75470		115	Purity criteria as set out in Commission Directive 95/45/EC (E 120) y

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Carmine	215-724-4	1390-65-4	Carmines, Natural red 4 (E180) Carmine (E 120)	215-724-4	1390-65-4	CI 75470/Red	75 47 0			115	Purity criteria as set out in Commission Directive 95/45/EC (E 120)	y
Magnesium, [3,7,11,15-tetramethyl-2-hexadecenyl 9-ethenyl-14-ethyl-21-(methoxycarbonyl)-4,8,13,18-tetramethyl-20-oxo-3-phorbinepropanoato(2-)-N23,N24,N25,N26]-, [SP-4-2-[3S-[3α(2E,7S*,11S*),4β,21β]]]-	207-536-6	479-61-8	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)	207-536-6		CI 75810/Green	75 81 0			116	Purity criteria as set out in Commission Directive 95/45/EC (E 140, E 141)	
Magnesium, [3,7,11,15-tetramethyl-2-hexadecenyl 9-ethenyl-14-ethyl-13-formyl-21-(methoxycarbonyl)-4,8,18-trimethyl-20-oxo-3-phorbinepropanoato(2-)-N23,N24,N25,N26]-, [SP-4-2-[3S-[3α(2E,7S*,11S*),4β,21β]]]-	208-272-4	519-62-0	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)	208-272-4		CI 75810/Green	75 81 0			116	Purity criteria as set out in Commission Directive 95/45/EC (E 140, E 141)	
Chlorophylls	215-800-7	1406-65-1	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)	215-800-7		CI 75810/Green	75 81 0			116	Purity criteria as set out in Commission Directive 95/45/EC (E 140, E 141)	
Spirit soluble chlorophyll	232-471-5	8049-84-1	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)	232-471-5	8049-84-1	CI 75810/Green	75 81 0			116	Purity criteria as set out in Commission Directive 95/45/EC (E 140, E 141)	

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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-)	234-242-5	11006-34-1	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)	234-242-5	11006-34-1	CI 75810/Green	75810			116	Purity criteria as set out in Commission Directive 95/45/EC (E 140, E 141)
Copper, [3,7,11,15-tetramethyl-2-hexadecenyl 9-ethenyl-14-ethyl-21-(methoxycarbonyl)-4,8,13,18-tetramethyl-20-oxo-3-phorbinepropanoato(2-)-N23,N24,N25,N26]-, [SP-4-2-[3S-[3α(2E,7S*,11S*),4β,21β]]]-	239-830-5	15739-09-0	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)	239-830-5		CI 75810/Green	75810			116	Purity criteria as set out in Commission Directive 95/45/EC (E 140, E 141)
Copper, [3,7,11,15-tetramethyl-2-hexadecenyl 9-ethenyl-14-ethyl-13-formyl-21-(methoxycarbonyl)-4,8,18-trimethyl-20-oxo-3-phorbinepropanoato(2-)-N23,N24,N25,N26]-, [SP-4-2-[3S-[3α(2E,7S*,11S*),4β,21β]]]-	246-020-5	24111-17-9	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)	246-020-5		CI 75810/Green	75810			116	Purity criteria as set out in Commission Directive 95/45/EC (E 140, E 141)
Chlorophyllins	287-483-3	85536-03-4	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)	287-483-3		CI 75810/Green	75810			116	Purity criteria as set out in Commission Directive 95/45/EC (E 140, E 141)

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Aluminium ²⁷	231-072-3	7429-90-5	Aluminium, Aluminium (Al)	231-072-3	7429-90-5	CI 77000/White	77000	y		117	Purity criteria as set out in Commission Directive 95/45/EC (E 173)	y
			Aluminium, Aluminium (Al)	231-072-3	7429-90-5					117	Purity criteria as set out in Commission Directive 95/45/EC (E 173)	y
Calcium carbonate	207-439-9	471-34-1, 7440-70-2	Calcium carbonate	207-439-9	471-34-1	CI 77220 / CALCIUM CARBONATE/ White	77220	y		124	Purity criteria as set out in Commission Directive 95/45/EC (E 170)	
Limestone	215-279-6	1317-65-3	Calcium carbonate	215-279-6		CI 77220 / CALCIUM CARBONATE/ White	77220			124	Purity criteria as set out in Commission Directive 95/45/EC (E 170)	
Chromium (III) oxide	215-160-9	1308-38-9	Chromium (III) oxide	215-160-9	1308-38-9	CI 77288 / CHROMIUM OXIDE GREENS	77288	y		129	free from chromate ion	
Chromium (III) hydroxide	215-158-8	1308-14-1	Chromium (III) hydroxide	215-158-8	1308-14-1	CI 77289/ Green	77289	y		130	free from chromate ion	
Chromoxidhydrat	601-657-1	12001-99-9	Chromium (III) hydroxide, Pigment green 18 (Chromium Hydroxide Green, Viridian 3B)		12001-99-9					130	free from chromate ion	y
Gold	231-165-9	7440-57-5	Gold	231-165-9	7440-57-5	CI 77480 / GOLD/ Brown	77480	y		133	Purity criteria as set out in Commission Directive 95/45/EC (E 175)	
Iron hydroxide oxide	243-746-4	20344-49-4	Iron Oxide Yellow	243-746-4	20344-49-4	CI 77492/ Iron hydroxide oxide; Hydrated ferric oxide /Yellow	77492			136	Purity criteria as set out in Commission Directive 95/45/EC (E 172)	
Iron hydroxide oxide yellow	257-098-5	51274-00-1	Iron Oxide Yellow, Pigment yellow 42 and 43	257-098-5	51274-00-1, 20344-49-4	CI 77492/ Iron hydroxide oxide yellow; CI Pigment Yellow 42 /Yellow	77492	y		136	Purity criteria as set out in Commission Directive 95/45/EC (E 172)	y

²⁷ Aluminium has a harmonised classification under CLP Regulation as Flam. Sol. 1, Water-react. 2, Pyr. Sol. 1, Water-react. 2

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Iron oxide black	235-442-5	12227-89-3	Iron Oxide Black, Pigment black 11	235-442-5	12227-89-3	CI 77499/Iron oxide black; CI Pigment Black 11; Triiron tetraoxide/Black	77499					137	Purity criteria as set out in Commission Directive 95/45/EC (E 172)	y
Prussian blue	237-875-5	14038-43-8	Ferric Ammonium Ferrocyanide	237-875-5	14038-43-8	CI 77510/ Prussian blue; Ferric ferrocyanide; Ferrate(4-), hexacyano-, iron(3+) (3:4)	77510					138	free from cyanide ions	
Ammonium iron(3+) hexakis(cyano-C)ferrate(4-)	247-304-1	25869-00-5	Ferric Ammonium Ferrocyanide	247-304-1	25869-00-5	CI 77510/ Blue	77510				y	138	free from cyanide ions	
C.I. Pigment Blue 27	602-780-3	12240-15-2	Ferric Ammonium Ferrocyanide, Pigment blue 27 (Prussian blue)		12240-15-2							138	free from cyanide ions	y
Silver	231-131-3	7440-22-4	Silver	231-131-3	7440-22-4	CI 77820/ White	77820				y	142	Purity criteria as set out in Commission Directive 95/45/EC (E 174)	
			Silver	231-131-3	7440-22-4							142	Purity criteria as set out in Commission Directive 95/45/EC (E 174)	
Anatase (TiO2)	215-280-1	1317-70-0	Titanium dioxide	215-280-1	1317-70-0	CI 77891, TITANIUM DIOXIDE/ White	77891					143	Purity criteria as set out in Commission Directive 95/45/EC (E 171)	
Rutile (TiO2)	215-282-2	1317-80-2	Titanium dioxide	215-282-2	1317-80-2	CI 77891, TITANIUM DIOXIDE/ White	77891				y	143	Purity criteria as set out in Commission Directive 95/45/EC (E 171)	
Titanium dioxide	236-675-5	13463-67-7	Titanium dioxide, Pigment white 6 (titanium dioxide)	236-675-5	13463-67-7	CI 77891, TITANIUM DIOXIDE/ White	77891				y	143	Purity criteria as set out in Commission Directive 95/45/EC (E 171)	y
			Titanium dioxide, Pigment white 6 (titanium dioxide)	236-675-5	13463-67-7							143	Purity criteria as set out in Commission Directive 95/45/EC (E 171)	y

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Riboflavin	201-507-1	83-88-5	Riboflavin	201-507-1	83-88-5					145		Purity criteria as set out in Commission Directive 95/45/EC (E 101)
Riboflavin 5'-(sodium hydrogen phosphate)	204-988-6	130-40-5	Riboflavin	204-988-6		Riboflavin	77 89 1			145		Purity criteria as set out in Commission Directive 95/45/EC (E 101)
Caramel (color)	232-435-9	8028-89-5	Caramel	232-435-9	8028-89-5					146		Purity criteria as set out in Commission Directive 95/45/EC (E 150a-d)
(3R,3'S,5'R)-3,3'-dihydroxy-β,κ-caroten-6'-one	207-364-1	465-42-9	(3R,3'S,5'R)-3,3'-Dihydroxy-β,κ-caroten-6'-one	207-364-1	465-42-9	Paprika extract, Capsanthin, capsorubin	32 42 8			147		Purity criteria as set out in Commission Directive 95/45/EC (E 160c)
(3S,3'S,5R,5'R)-3,3'-dihydroxy-κ,κ-carotene-6,6'-dione	207-425-2	470-38-2	(3R,3'S,5'R)-3,3'-Dihydroxy-β,κ-caroten-6'-one	207-425-2		Paprika extract, Capsanthin, capsorubin	32 42 8			147		Purity criteria as set out in Commission Directive 95/45/EC (E 160c)
[S-(R*,R*)]-4-[2-[2-carboxy-5-(β-D-glucopyranosyloxy)-2,3-dihydro-6-hydroxy-1H-indol-1-yl]vinyl]-2,3-dihydropyridine-2,6-dicarboxylic acid	231-628-5	7659-95-2	Beetroot red	231-628-5	7659-95-2					148		Purity criteria as set out in Commission Directive 95/45/EC (E 162)
Beet, Beta vulgaris rapacea, ext.	289-609-2	89957-88-0	Beetroot red	289-609-2	89957-88-0					148		Purity criteria as set out in Commission Directive 95/45/EC (E 162)
Beet, ext.	289-610-8	89957-89-1	Beetroot red	289-610-8	89957-89-1					148		Purity criteria as set out in Commission Directive 95/45/EC (E 162)
3,5,7-trihydroxy-2-(4-hydroxy-3-methoxyphenyl)-1-benzopyrylium chloride	205-125-6	134-01-0	Anthocyanins (Cyanidin, Peonidin, Malvidin, Delphinidin, Petunidin, Pelargonidin)	205-125-6	134-01-0					149		Purity criteria as set out in Commission Directive 95/45/EC (E 163)
3,5,7-trihydroxy-2-(4-hydroxyphenyl)benzopyrylium chloride	205-127-7	134-04-3	Anthocyanins (Cyanidin, Peonidin, Malvidin, Delphinidin, Petunidin, Pelargonidin)	205-127-7	134-04-3					149		Purity criteria as set out in Commission Directive 95/45/EC (E 163)
3,5,7-trihydroxy-2-(3,4,5-trihydroxyphenyl)benzopyrylium chloride	208-437-0	528-53-0	Anthocyanins (Cyanidin, Peonidin, Malvidin, Delphinidin, Petunidin, Pelargonidin)	208-437-0, 211-403-8	643-84-5, 528-53-0					149		Purity criteria as set out in Commission Directive 95/45/EC (E 163)

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3,3',4',5,7-pentahydroxyflavylium chloride	208-438-6	528-58-5	Anthocyanins (Cyanidin, Peonidin, Malvidin, Delphinidin, Petunidin, Pelargonidin)	208-438-6	528-58-5						149		Purity criteria as set out in Commission Directive 95/45/EC (E 163)		
3,5,7-trihydroxy-2-(4-hydroxy-3,5-dimethoxyphenyl)-1-benzopyrylium chloride	211-403-8	643-84-5	Anthocyanins (Cyanidin, Peonidin, Malvidin, Delphinidin, Petunidin, Pelargonidin)	211-403-8, 208-437-0	528-53-0, 643-84-5						149		Purity criteria as set out in Commission Directive 95/45/EC (E 163)		
Anthocyanins, grape	600-954-3	1102-9-12-2	Anthocyanins (Cyanidin, Peonidin, Malvidin, Delphinidin, Petunidin, Pelargonidin)		110-29-12-2						149		Purity criteria as set out in Commission Directive 95/45/EC (E 163)		
Diiron trioxide	215-168-2	1309-37-1, 7439-89-6	Aluminum silicate coloured with ferric oxide, Iron Oxide red, Iron Oxide Black, Pigment red 101 and 102, Iron (Fe)	215-168-2,	130-9-37-1, 743-9-89-6	CI 77015/Red, CI 77491/ CI 77499; Diiron trioxide; Ferric oxide/ Red, CI 77499/Black	77-01-5, 77-49-1, 77-49-9				y	121, 13, 5, 1, 37	Purity criteria as set out in Commission Directive 95/45/EC (E 172) (#135, #137)	y	
Carbon black	215-609-9	1333-86-4	carbon black (nano), Pigment black 6 and 7 (graphite)	215-609-9	133-3-86-4	CI 77266 / CARBON BLACK	77-26-6				y	126 a, 1, 26	#126: 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.	y	
Carbon	231-153-3	7440-44-0	carbon black (nano)	231-153-3	744-0-44-0	CI 77266 / CARBON BLACK	77-26-6					126 a, 1, 26			
Activated Carbon - High Density Skeleton	931-328-0	-	carbon black (nano)	931-328-0		CI 77266 / CARBON BLACK	77-26-6				y	126 a, 1, 26		#126a: Not to be used in applications that may lead to exposure of the end user's lungs by inhalation.	

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Activated Carbon - Low Density Skeleton	931-334-3	-	carbon black (nano)	931-334-3		CI 77266 / CARBON BLACK	77 26 6	y		126 a,1 26	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.	
			carbon black (nano), Pigment black 6 and 7 (graphite)	215-609-9	133 3- 86-4					126 a,1 26		y
Iron oxide	215-721-8	1345-25-1	Iron oxide, Iron Oxide red, Iron Oxide Black	215-721-8	134 5- 25-1	CI 77489/ CI 77491; CI 77499; Iron oxide; Ferrous oxide/ Orange, CI 77491/ Red, CI 77499/Black	77 48 9, 77 49 1, 77 49 9	y		134 ,13 5,1 37	Purity criteria as set out in Commission Directive 95/45/EC (E 172) (#135, #137)	
Natural iron oxide	215-722-3	1345-27-3	Iron Oxide red, Iron Oxide Yellow, Iron Oxide Black, Pigment brown 6 and 7	215-722-3	134 5- 27-3	CI 77491/ CI 77492; CI 77499; Natural iron oxide; CI Pigment Brown 7/ Red, CI 77492/ Yellow, CI 77499/Black	77 49 1, 77 49 2, 77 49 9			135 ,13 6,1 37	Purity criteria as set out in Commission Directive 95/45/EC (E 172)	y
Disodium 2-(3-oxo-6-oxidoxanthen-9-yl)benzoate	208-253-0	518-47-8	2-(6-Hydroxy-3-oxo-(3H)xanthen-9-yl)benzoic acid; Fluorescein and its disodium salt (Acid Yellow 73 sodium salt; CI 45350) when used as a substance in hair dye products, Disodium 2-(3-oxo-6-oxidoxanthen-9-yl)benzoate	208-253-0	518-47-8	CI 45350/ Yellow	45 35 0	y		1 3 3 74	6%	

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2-(6-hydroxy-3-oxo-(3H)-xanthen-9-yl)benzoic acid	219-031-8	2321-07-5	2-(6-Hydroxy-3-oxo-(3H)xanthen-9-yl)benzoic acid; Fluorescein and its disodium salt (Acid Yellow 73 sodium salt; CI 45350) when used as a substance in hair dye products, Disodium 2-(3-oxo-6-oxidoxanthen-9-yl)benzoate	219-031-8	2321-07-05, 2321-07-5	CI 45350/ Yellow	45 35 0	y	1 3 3 2	74	6%	
4',5'-dibromo-3',6'-dihydroxyspiro[isobenzofuran-1(3H),9'-[9H]xanthene]-3-one	209-876-0	596-03-2	4',5'-Dibromo-3',6'-dihydroxyspiro[isobenzofuran-1(3H),9'-[9H]xanthene]-3-one and its insoluble barium, strontium and zirconium lakes, salts and pigments	209-876-0	596-03-2	CI 45370 / SOLVENT RED 72/ Orange	45 37 0	y	1 3 3 3	75		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
Disodium 2-(4,5-dibromo-6-oxido-3-oxoxanthen-9-yl)benzoate	224-468-2	4372-02-5	4',5'-Dibromo-3',6'-dihydroxyspiro[isobenzofuran-1(3H),9'-[9H]xanthene]-3-one; 4',5'-Dibromofluorescein; (Solvent Red 72) and its disodium salt (CI 45370) when used as a substance in hair dye products, 4',5'-Dibromo-3',6'-dihydroxyspiro[isobenzofuran-1(3H),9'-[9H]xanthene]-3-one and its insoluble barium, strontium and zirconium lakes, salts and pigments	224-468-2	4372-02-5	CI 45370 / SOLVENT RED 72/ Orange	45 37 0		1 3 3 3	75		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
2-(3,6-dihydroxy-2,4,5,7-tetrabromoxanthen-9-yl)-benzoic acid	239-138-3	15086-94-9	2-(3,6-Dihydroxy-2,4,5,7-tetrabromoxanthen-9-yl)benzoic acid; Fluorescein, 2',4',5',7'-tetrabromo-; (Solvent Red 43), its disodium salt (Acid Red 87; CI 45380) and its aluminium salt (Pigment Red 90:1 Aluminium lake) when used as a substance in hair dye products, Disodium 2-(2,4,5,7-tetrabromo-6-oxido-3-oxoxanthen-9-yl)benzoate and its insoluble barium, strontium and	239-138-3	15086-94-9	CI 45380/ Red	45 38 0	y	1 3 3 4	76		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

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			zirconium lakes, salts and pigments																	
Dialuminium tris[2-(2,4,5,7-tetrabromo-6-oxido-3-oxoxanthen-9-yl)benzoate]	240-005-7	15876-39-8	2-(3,6-Dihydroxy-2,4,5,7-tetrabromoxanthen-9-yl)benzoic acid; Fluorescein, 2',4',5',7'-tetrabromo-; (Solvent Red 43), its disodium salt (Acid Red 87; CI 45380) and its aluminium salt (Pigment Red 90:1 Aluminium lake) when used as a substance in hair dye products, 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	240-005-7	15876-39-8	CI 45380 / PIGMENT RED 90:1 ALUMINIUM LAKE	45380	0	y	4	76								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	
Triiron tetraoxide	215-277-5	131761-9	Iron Oxide red, Iron Oxide Black	215-277-5	131761-9	CI 77491/ CI 77499; Triiron tetraoxide; Ferrosferric oxide/ Red, CI 77499/Black	77499	49	1,77	49	9	y						135,137	Purity criteria as set out in Commission Directive 95/45/EC (E 172)	
Iron oxide brown	257-870-1	52357-70-7	Iron Oxide red, Iron Oxide Black, Iron Oxide Yellow, Pigment brown 6 and 7	257-870-1	52357-70-7	CI 77491/ CI 77492; CI 77499; Iron oxide brown; CI Pigment Brown 6 / Red, CI 77499/Black	77499	49	1,77	49	9							135,137,136	Purity criteria as set out in Commission Directive 95/45/EC (E 172)	
Disodium 2-(2,4,5,7-tetrabromo-6-oxido-3-oxoxanthen-9-yl)benzoate	241-409-6	17372-87-1	2-(3,6-Dihydroxy-2,4,5,7-tetrabromoxanthen-9-yl)benzoic acid; Fluorescein, 2',4',5',7'-tetrabromo-; (Solvent Red 43), its disodium salt (Acid Red 87; CI 45380) and its aluminium salt (Pigment Red 90:1 Aluminium lake) when used as a substance in hair dye products, Disodium 2-(2,4,5,7-tetrabromo-6-oxido-3-oxoxanthen-9-yl)benzoate and its insoluble barium, strontium and	241-409-6	17372-87-1	CI 45380 / ACID RED 87	45380	38	0	y	4	76							13	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

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			zirconium lakes, salts and pigments										
2-(3,6-dihydroxy-2,4,5,7-tetraiodoxanthen-9-yl)benzoic acid, aluminium salt	235-440-4	12227-78-0	2',4',5',7'-Tetraiodofluorescein, its disodium salt (Acid Red 51; CI 45430) and its aluminium salt (Pigment Red 172 Aluminium lake) when used as a substance in hair dye products, 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	235-440-4	12227-78-0	CI 45430 / PIGMENT RED 172 ALUMINUM LAKE	45430	y	1337	80			Purity criteria as set out in Commission Directive 95/45/EC (E 127)
Disodium 2-(2,4,5,7-tetraiodo-6-oxido-3-oxoxanthen-9-yl)benzoate	240-474-8	16423-68-0	2',4',5',7'-Tetraiodofluorescein, its disodium salt (Acid Red 51; CI 45430) and its aluminium salt (Pigment Red 172 Aluminium lake) when used as a substance in hair dye products, 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	240-474-8	16423-68-0	CI 45430 / ACID RED 51	45430	y	1337	80			Purity criteria as set out in Commission Directive 95/45/EC (E 127)
Iron oxide	215-570-8	1332-37-2	Iron Oxide Yellow, Aluminum silicate coloured with ferric oxide, Iron Oxide red, Iron Oxide Black, Pigment red 101 and 102	215-570-8, 215-168-2	20344-49-4, 1309-37-1	CI 77492/ Yellow	77492			136,12,1,1,35,137			Purity criteria as set out in Commission Directive 95/45/EC (E 172) (#136, #137)
Trisodium 1-(1-naphthylazo)-2-hydroxynaphthalene-4',6,8-trisulphonate	220-036-2	2611-82-7	Trisodium 1-(1-naphthylazo)-2-hydroxynaphthalene-4',6,8-trisulphonate and aluminium lake (18); (CI 16255), Trisodium 1-(1-naphthylazo)-2-hydroxynaphthalene-4',6,8-trisulphonate and its insoluble barium, strontium and zirconium lakes, salts and pigments, Disodium 6-hydroxy-5-[(4-sulphonatophenyl)azo]naphthalene-2-sulphonate and its insoluble barium, strontium and zirconium lakes, salts and pigments, Acid	220-036-2, 220-491-7	2611-82-7, 2783-94-0	CI 16255 / ACID RED 18	16255	y		35,31			Purity criteria as set out in Commission Directive 95/45/EC (E 124) (#35) Purity criteria as set out in Commission Directive 95/45/EC (E 110) (#31)

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

			red 18, Food yellow 3 (Sunset yellow, E110)																
1-[(2-chloro-4-nitrophenyl)azo]-2-naphthol	220-562-2	2814-77-9	1-[(2-Chloro-4-nitrophenyl)azo]-2-naphthol (Pigment Red 4; CI 12085) and its salts when used as a substance in hair dye products, 1-[(2-Chloro-4-nitrophenyl)azo]-2-naphthol and its insoluble barium, strontium and zirconium lakes, salts and pigments, Pigment red 4	220-562-2	2814-77-9	CI 12085/Red	1208	5	y	5	9	3%							y
Trisodium 3-hydroxy-4-(4'-sulphonatonaphthylazo)naphthalene-2,7-disulphonate	213-022-2	915-67-3	Trisodium 3-hydroxy-4-(4'-sulphonatonaphthylazo)naphthalene-2,7-disulphonate (Acid Red 27; CI 16185) when used as a substance in hair dye products, Trisodium 3-hydroxy-4-(4'-sulphonatonaphthylazo)naphthalene-2,7-disulphonate	213-022-2	915-67-3	CI 16185 / ACID RED 27	1618	5	y	0	33								Purity criteria as set out in Commission Directive 95/45/EC (E 123)
Bis[hydrogen [4-[4-(diethylamino)-5'-hydroxy-2',4'-disulphonatobenzhydrylidene]cyclohexa-2,5-dien-1-ylidene]diethylammonium], calcium salt	222-573-8	3536-49-0	Ethanaminium, N-(4-((4-diethylamino)phenyl)(5-hydroxy-2,4-disulfofophenyl)methylene)-2,5-cyclohexadien-1-ylidene)-N-ethyl-, hydroxide, inner salt, calcium salt (2:1) (Acid Blue 3; CI 42051) when used as a substance in hair dye products, 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	222-573-8	3536-49-0	CI 42051 / ACID BLUE 3	4205	1		6	60								Purity criteria as set out in Commission Directive 95/45/EC (E 131)
β,β-carotene	230-636-6	7235-40-7	beta Carotene, CI Food Orange 5	230-636-6	7235-40-7	CI 40800/Orange, CI 75130 / BETA-CAROTENE/ Orange	4080	0		13	55,								Purity criteria as set out in Commission Directive 95/45/EC (E 160e)
8'-apo-β-caroten-8'-al	214-171-6	1107-26-2	8'-apo-.beta.-Caroten-8'-al, CI Food Orange 5	214-171-6	1962-15-8,	CI 40820/Orange, CI 75130 / BETA-	4082	0		75	56,								Purity criteria as set out in Commission Directive 95/45/EC (E 160e)

ANNEX XV RESTRICTION REPORT – SUBSTANCES IN TATTOO INKS AND PERMANENT MAKE UP

						CAROTENE/ Orange	13 0						
Dihydrogen (ethyl)[4- [[4-[ethyl(3- sulphonatobenzyl)amin o]phenyl](2- sulphonatophenyl)met hylene]cyclohexa-2,5- dien-1-ylidene](3- sulphonatobenzyl)amm onium, aluminium salt	272- 939- 6	6892 1- 42-6	Benzenemethanaminium, N-ethyl- N-[4-[[4-[ethyl-(3-sulfo- phenyl)-methyl]-amino]-phenyl](2- sulfo-phenyl)methylene]-2,5- cyclohexadien-1-ylidene]-3-sulfo, inner salts, disodium salt and its ammonium and aluminium salts (18); (CI 42090), Benzenemethanaminium, N-ethyl- N-(4-((4-(ethyl((3- sulfo-phenyl)methyl)amino)phenyl) (2-sulfo-phenyl)methylene)-2,5- cyclohexadien-1-ylidene)-3-sulfo- hydroxide, inner salt, disodium salt, Dihydrogen (ethyl)[4-[[4- [ethyl(3- sulphonatobenzyl)amino]phenyl](2- sulphonatophenyl)methylene]cyclo hexa-2,5-dien-1-ylidene](3- sulphonatobenzyl)ammonium, aluminium salt	272- 939- 6	689 21- 42- 6, 689 21- 42- 6	CI 42090/ ACID BLUE 9 ALUMINUM LAKE / BLUE 1 LAKE, Blue Lake 1/ CI 42090	42 09 0	y		63, 63			Purity criteria as set out in Commission Directive 95/ 45/EC (E 133)