

Status: Point in time view as at 02/01/2017.

Changes to legislation: There are currently no known outstanding effects for the Regulation (EC) No 1907/2006 of the European Parliament and of the Council, ANNEX XVII Table 3: rows 151 - 200. (See end of Document for details)

[^{X1}ANNEX XVII

[^{F1}RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES]

Editorial Information

- X1** Substituted by [Corrigendum to Regulation \(EC\) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals \(REACH\), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation \(EEC\) No 793/93 and Commission Regulation \(EC\) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC \(Official Journal of the European Union L 396 of 30 December 2006\).](#)

Textual Amendments

- F1** Substituted by [Commission Regulation \(EC\) No 552/2009 of 22 June 2009 amending Regulation \(EC\) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals \(REACH\) as regards Annex XVII \(Text with EEA relevance\).](#)

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Appendix 2

[^{F1}Entry 28 — Carcinogens: category 1B (Table 3.1)/category 2 (Table 3.2)]

ANNEX XVII Table 3: rows 151 - 200

4-Chloraniline	612-137-00-9	203-401-0	106-47-8	
[^{F1} Methyl-phenylene diamine; Diaminotoluene; [technical product – reaction mass of 4-methyl-m-phenylene diamine (EC No 202-453-1) and 2-methyl-m-phenylene diamine (EC No 212-513-9)]]	612-151-00-5	—	—]
4-Chloro-o-toluidine [1] 4-chloro-o-toluidine hydrochloride [2]	612-196-00-0	202-441-6 [1] 221-627-8 [2]	95-69-2 [1] 3165-93-3 [2]	[^{F2} E]
2,4,5-Trimethylaniline [1] 2,4,5-trimethylaniline hydrochloride [2]	612-197-00-6	205-282-0 [1] - [2]	137-17-7 [1] 21436-97-5 [2]	[^{F2} E]
4,4'-Thiodianiline [1] and its salts	612-198-00-1	205-370-9 [1]	139-65-1 [1]	[^{F2} E]
4,4'-Oxydianiline [1] and its salts p-Aminophenyl ether [1]	612-199-00-7	202-977-0 [1]	101-80-4 [1]	[^{F2} E]
2,4-Diaminoanisole [1] 4-methoxy-m-phenylenediamine	612-200-00-0	210-406-1 [1] 254-323-9 [2]	615-05-4 [1] 39156-41-7 [2]	

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2,4-diaminoanisole sulphate [2]				
N, N,N',N'-tetramethyl-4,4'-methyldianiline	612-201-00-6	202-959-2	101-61-1	
C.I. Basic Violet 3 with $\geq 0,1$ % of Michler's ketone (EC No 202-027-5)	612-205-00-8	208-953-6	548-62-9	[F ² E]
6-Methoxy-m-toluidine p-cresidine	612-209-00-X	204-419-1	120-71-8	[F ² E]
[F ³ Biphenyl-3,3',4,4'-tetrayltetraamine; Diaminobenzidine	612-239-00-3	202-110-6	91-95-2	
(2-chloroethyl)(3-hydroxypropyl)ammonium chloride	612-246-00-1	429-740-6	40722-80-3	
3-Amino-9-ethyl carbazole; 9-Ethylcarbazol-3-ylamine	612-280-00-7	205-057-7	132-32-1]
Ethyleneimine; aziridine	613-001-00-1	205-793-9	151-56-4	
2-Methylaziridine; propyleneimine	613-033-00-6	200-878-7	75-55-8	[F ² E]
Captafol (ISO); 1,2,3,6-tetrahydro-N-(1,1,2,2-tetrachloroethylthio) phthalimide	613-046-00-7	219-363-3	2425-06-1	
Carbadox (INN); methyl 3-(quinoxalin-2-ylmethylene)carbazate 1,4-dioxide; 2-(methoxycarbonylhydrazonomethyl) quinoxaline 1,4-dioxide	613-050-00-9	229-879-0	6804-07-5	
A mixture of: 1,3,5-tris(3-	613-199-00-X	421-550-1	—	

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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				
[^{F3} Quinoline	613-281-00-5	202-051-6	91-22-5]
Acrylamide	616-003-00-0	201-173-7	79-06-1	
Thioacetamide	616-026-00-6	200-541-4	62-55-5	
A mixture of: N-[3-hydroxy-2-(2-methylacryloylamino-methoxy)propoxymethyl]-2-methylacrylamide; N-[2,3-Bis-(2-methylacryloylamino-methoxy)propoxymethyl]-2-methylacrylamide; methacrylamide; 2-methyl-N-(2-methylacryloylamino-methoxymethyl)-acrylamide; N-2,3-dihydroxypropoxymethyl)-2-methylacrylamide	616-057-00-5	412-790-8	—	
[^{F3} N-[6,9-dihydro-9-[[2-hydroxy-1-(hydroxymethyl)ethoxy]methyl]-6-oxo-1H-purin-2-yl]acetamide	616-148-00-X	424-550-1	84245-12-5]
Distillates (coal tar), benzole fraction; Light oil (A complex combination of	648-001-00-0	283-482-7	84650-02-2	

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hydrocarbons obtained by the distillation of coal tar. It consists of hydrocarbons having carbon numbers primarily in the range of C ₄ to C ₁₀ and distilling in the approximate range of 80 to 160 °C.)				
Tar oils, brown-coal; Light oil (The distillate from lignite tar boiling in the range of approximately 80 to 250 °C. Composed primarily of aliphatic and aromatic hydrocarbons and monobasic phenols.)	648-002-00-6	302-674-4	94114-40-6	J
Benzol forerunnings (coal); Light oil redistillate, low boiling (The distillate from coke oven light oil having an approximate distillation range below 100 °C. Composed primarily of C ₄ to C ₆ aliphatic hydrocarbons.)	648-003-00-1	266-023-5	65996-88-5	J
Distillates (coal tar), benzole fraction, BTX-rich; Light oil redistillate, low boiling	648-004-00-7	309-984-9	101896-26-8	J

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(A residue from the distillation of crude benzole to remove benzole fronts. Composed primarily of benzene, toluene and xylenes boiling in the range of approximately 75 to 200 °C.)				
Aromatic hydrocarbons, C ₆₋₁₀ , C ₈ -rich; Light oil redistillate, low boiling	648-005-00-2	292-697-5	90989-41-6	J
Solvent naphtha (coal), light; Light oil redistillate, low boiling	648-006-00-8	287-498-5	85536-17-0	J
Solvent naphtha (coal), xylene-styrene cut; Light oil redistillate, intermediate boiling	648-007-00-3	287-502-5	85536-20-5	J
Solvent naphtha (coal), coumarone-styrene contg.; Light oil redistillate, intermediate boiling	648-008-00-9	287-500-4	85536-19-2	J
Naphtha (coal), distillation residues; Light oil redistillate, high boiling (The residue remaining from the distillation of recovered naphtha. Composed	648-009-00-4	292-636-2	90641-12-6	J

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primarily of naphthalene and condensation products of indene and styrene.)				
Aromatic hydrocarbons, C ₈ ; Light oil redistillate, high boiling	648-010-00-X	292-694-9	90989-38-1	J
Aromatic hydrocarbons, C ₈₋₉ , hydrocarbon resin polymerisation by-product; Light oil redistillate, high boiling (A complex combination of hydrocarbons obtained from the evaporation of solvent under vacuum from polymerised hydrocarbon resin. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C ₈ through C ₉ and boiling in the range of approximately 120 to 215 °C.)	648-012-00-0	295-281-1	91995-20-9	J
Aromatic hydrocarbons, C ₉₋₁₂ , benzene distillation; Light oil redistillate, high boiling	648-013-00-6	295-551-9	92062-36-7	J

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Extract residues (coal), benzole fraction alk., acid ext.; Light oil extract residues, low boiling (The redistillate from the distillate, freed of tar acids and tar bases, from bituminous coal high temperature tar boiling in the approximate range of 90 to 160 °C. It consists predominantly of benzene, toluene and xylenes.)	648-014-00-1	295-323-9	91995-61-8	J
Extract residues (coal tar), benzole fraction alk., acid ext.; Light oil extract residues, low boiling (A complex combination of hydrocarbons obtained by the redistillation of the distillate of high temperature coal tar (tar acid and tar base free). It consists predominantly of unsubstituted and substituted mononuclear aromatic hydrocarbons boiling in the range of 85 to 195 °C.)	648-015-00-7	309-868-8	101316-63-6	J
Extract residues (coal), benzole fraction acid;	648-016-00-2	298-725-2	93821-38-6	J

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Light oil extract residues, low boiling (An acid sludge by-product of the sulphuric acid refining of crude high temperature coal. Composed primarily of sulfuric acid and organic compounds.)				
Extract residues (coal), light oil alk., distillation overheads; Light oil extract residues, low boiling (The first fraction from the distillation of aromatic hydrocarbons, coumarone, naphthalene and indene rich prefractionator bottoms or washed carbolic oil boiling substantially below 145 °C. Composed primarily of C ₇ and C ₈ aliphatic and aromatic hydrocarbons.)	648-017-00-8	292-625-2	90641-02-4	J
Extract residues (coal), light oil alk., acid ext., indene fraction; Light oil extract residues, intermediate boiling	648-018-00-3	309-867-2	101316-62-5	J
Extract residues (coal), light oil alk., indene naphtha fraction;	648-019-00-9	292-626-8	90641-03-5	J

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Light oil extract residues, high boiling (The distillate from aromatic hydrocarbons, coumarone, naphthalene and indene rich prefractionator bottoms or washed carbolic oils, having an approximate boiling range of 155 to 180 °C. Composed primarily of indene, indan and trimethylbenzenes.)				
Solvent naphtha (coal); Light oil extract residues, high boiling (The distillate from either high temperature coal tar, coke oven light oil, or coal tar oil alkaline extract residue having an approximate distillation range of 130 to 210 °C. Composed primarily of indene and other polycyclic ring systems containing a single aromatic ring. May contain phenolic compounds and aromatic nitrogen bases.)	648-020-00-4	266-013-0	65996-79-4	J
Distillates (coal tar), light oils, neutral fraction; Light oil extract	648-021-00-X	309-971-8	101794-90-5	J

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residues, high boiling (A distillate from the fractional distillation of high temperature coal tar. Composed primarily of alkyl-substituted one ring aromatic hydrocarbons boiling in the range of approximately 135 to 210 °C. May also include unsaturated hydrocarbons such as indene and coumarone.)				
Distillates (coal tar), light oils, acid extracts; Light oil extract residues, high boiling (This oil is a complex mixture of aromatic hydrocarbons, primarily indene, naphthalene, coumarone, phenol and o-, m- and p-cresol and boiling in the range of 140 to 215 °C.)	648-022-00-5	292-609-5	90640-87-2	J
Distillates (coal tar), light oils; Carbolitic oil (A complex combination of hydrocarbons obtained by distillation of coal tar. It consists of aromatic and other	648-023-00-0	283-483-2	84650-03-3	J

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hydrocarbons, phenolic compounds and aromatic nitrogen compounds and distills at the approximate range of 150 to 210 °C.)				
Tar oils, coal; Carbolic oil (The distillate from high temperature coal tar having an approximate distillation range of 130 to 250 °C. Composed primarily of naphthalene, alkylnaphthalenes, phenolic compounds, and aromatic nitrogen bases.)	648-024-00-6	266-016-7	65996-82-9	J
Extract residues (coal), light oil alk., acid extract; Carbolic oil extract residue (The oil resulting from the acid washing of alkali-washed carbolic oil to remove the minor amounts of basic compounds (tar bases). Composed primarily of indene, indan and alkylbenzenes.)	648-026-00-7	292-624-7	90641-01-3	J
Extract residues (coal), tar oil alkaline;	648-027-00-2	266-021-4	65996-87-4	J

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Carbolic oil extract residue (The residue obtained from coal tar oil by an alkaline wash such as aqueous sodium hydroxide after the removal of crude coal tar acids. Composed primarily of naphthalenes and aromatic nitrogen bases.)				
Extract oils (coal), light oil; Acid Extract (The aqueous extract produced by an acidic wash of alkali-washed carbolic oil. Composed primarily of acid salts of various aromatic nitrogen bases including pyridine, quinoline and their alkyl derivatives.)	648-028-00-8	292-622-6	90640-99-6	J
Pyridine, alkyl derivs.; Crude tar bases (The complex combination of polyalkylated pyridines derived from coal tar distillation or as high-boiling distillates approximately above 150 °C from the reaction of ammonia with acetaldehyde,	648-029-00-3	269-929-9	68391-11-7	JJ

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formaldehyde or paraformaldehyde.)				
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