

All Chemicals by Publishing Chemical Name

Chemical/Chemical Group Name	CAS No	Use Category	Industry Category
Threshold Range : Between 1,000 and 9,999 Tonnes/Year			
1,2,3-Propanetricarboxylic acid, 2-hydroxy-	77-92-9	Cleaning/washing agents and additives Cosmetics Others pH-regulating agents Tanning agents	Chemical industry: basic chemicals (supply) Domestic/Cleaners Leather processing industry Textile processing industry
1,2,3-Propanetriol	56-81-5	Cleaning/washing agents and additives Complexing agents Construction materials additives Cosmetics Explosives Others Softeners Solvents	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Mineral oil and fuel industry Plastics industry
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9 rich	68515-48-0	Softeners	Plastics industry
1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10 rich	68515-49-1	Softeners	
1,2-Benzenedicarboxylic acid, diisononyl ester	28553-12-0	Construction materials additives Others Softeners	Engineering industry: civil Plastics industry
1,2-Propanediol	57-55-6	Anti-freezing agents Cleaning/washing agents and additives Cosmetics Heat transferring agents Others Solvents	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Engineering industry: civil Paints and lacquers and varnishes industry Plastics industry

1,3,5-Triazine-2,4,6-triamine	108-78-1	Adhesives: binding agents Construction materials additives Others	Chemical industry: chemicals used in synthesis Plastics industry Pulp and paper and board processing industry
1,3-Benzenedicarboxylic acid	121-91-5	Fillers Others	Chemical industry: chemicals used in synthesis Paints and lacquers and varnishes industry Plastics industry
1,3-Isobenzofurandione	85-44-9	Others Oxidising agents	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Plastics industry
1,3-Propanediol, 2,2-bis(hydroxymethyl)-	115-77-5	Others	Chemical industry: chemicals used in synthesis Electrical/electronic engineering industry Plastics industry
1,3-Propanediol, 2,2-dimethyl-	126-30-7	Construction materials additives Lubricants and additives Others Softeners	Chemical industry: chemicals used in synthesis Plastics industry
1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-	77-99-6	Fillers Lubricants and additives Others	Chemical industry: chemicals used in synthesis Paints and lacquers and varnishes industry Plastics industry
1,4-Butanediol	110-63-4	Others	Chemical industry: chemicals used in synthesis Plastics industry
1-Butanol	71-36-3	Cleaning/washing agents and additives Others Softeners Solvents	Chemical industry: basic chemicals (supply) Domestic/Cleaners Paints and lacquers and varnishes industry
1-Hexanol, 2-ethyl-	104-76-7	Others	Chemical industry: chemicals used in synthesis
1-Hexene	592-41-6	Solvents	Chemical industry: basic chemicals (supply)
1-Propanol	71-23-8	Softeners Solvents	Chemical industry: basic chemicals (supply) Paints and lacquers and varnishes industry

2,5-Furandione	108-31-6	Construction materials additives Impregnation agents Others	Chemical industry: chemicals used in synthesis Engineering industry: civil Paints and lacquers and varnishes industry Plastics industry Textile processing industry
2-Butanone	78-93-3	Adhesives: binding agents Cleaning/washing agents and additives Colouring agents Solvents	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Leather processing industry Paints and lacquers and varnishes industry Plastics industry Pulp and paper and board processing industry
2-Pentanol, 4-methyl-	108-11-2	Laboratory chemicals Solvents	Chemical industry: basic chemicals (supply) Paints and lacquers and varnishes industry
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	Solvents	Chemical industry: basic chemicals (supply) Paints and lacquers and varnishes industry
2-Propanol	67-63-0	Adhesives: binding agents Cleaning/washing agents and additives Colouring agents Cosmetics Solvents Welding and soldering agents	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Paints and lacquers and varnishes industry Plastics industry
2-Propanol, 1-methoxy-, acetate	108-65-6	Adhesives: binding agents Laboratory chemicals Solvents	Chemical industry: basic chemicals (supply) Electrical/electronic engineering industry Engineering industry: civil Paints and lacquers and varnishes industry
2-Propenamide	79-06-1	Adhesives: binding agents Others	Chemical industry: chemicals used in synthesis Plastics industry
2-Propenoic acid	79-10-7	Adhesives: binding agents Cleaning/washing agents and additives Corrosion inhibitors Others Solvents Viscosity adjusters	Chemical industry: chemicals used in synthesis Domestic/Cleaners Leather processing industry Paints and lacquers and varnishes industry Plastics industry Pulp and paper and board processing industry Textile processing industry Water treatment

2-Propenoic acid, 2-ethylhexyl ester	103-11-7	Adhesives: binding agents Others	Chemical industry: chemicals used in synthesis Paints and lacquers and varnishes industry Pulp and paper and board processing industry
2-Propenoic acid, ethyl ester	140-88-5	Adhesives: binding agents Construction materials additives Others Solvents Tanning agents	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Engineering industry: civil Leather processing industry Paints and lacquers and varnishes industry Plastics industry Pulp and paper and board processing industry
Acetic acid	64-19-7	Cleaning/washing agents and additives Laboratory chemicals Others Photochemicals pH-regulating agents Tanning agents	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Leather processing industry Photographic industry Textile processing industry
Acetic acid, butyl ester	123-86-4	Adhesives: binding agents Cosmetics Laboratory chemicals Others Softeners Solvents	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Leather processing industry Paints and lacquers and varnishes industry
Acetic acid, ethenyl ester	108-05-4	Adhesives: binding agents Others	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Paints and lacquers and varnishes industry
Acetic acid, ethyl ester	141-78-6	Cosmetics Softeners Solvents	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Paints and lacquers and varnishes industry Printing industry
Acetic acid, propyl ester	109-60-4	Softeners Solvents	Chemical industry: basic chemicals (supply) Paints and lacquers and varnishes industry
Alcohols, C12-14	80206-82-2	Others	Chemical industry: chemicals used in synthesis
Alcohols, C12-14, reaction products with ethylene oxide	103819018	Surface-active agents	Chemical industry: chemicals used in synthesis

Alcohols, C12-15	63393-82-8	Others	Chemical industry: chemicals used in synthesis
Alcohols, C12-15, ethoxylated	68131-39-5	Cleaning/washing agents and additives Surface-active agents	Chemical industry: chemicals used in synthesis Domestic/Cleaners
Alkanes, C14-17, chloro-	85535-85-9	Softeners	Packaging (including adhesives) industry Plastics industry
Alkyl benzenesulphonicacid		Cleaning/washing agents and additives Surface-active agents	Domestic/Cleaners
Alkyl benzenesulphonicacid, sodium salt		Cleaning/washing agents and additives Surface-active agents	Domestic/Cleaners
Aluminate(12-), hexaoxotris[sulfato(2-)]di-, calcium (1:6)	12004-14-7	Others	
Aluminate, (AlO21-), calcium (2:1)	12042-68-1	Others	
Aluminate, (AlO33-), calcium (2:3)	12042-78-3	Others	
Aluminatesilicate	1327-36-2	Construction materials additives Insulating agents	
Aluminium chloride (AlCl3)	7446-70-0	Others Process regulators	Chemical industry: chemicals used in synthesis
Aluminium chloride hydroxide (Al2Cl(OH)5)	12042-91-0	Adhesives: binding agents Cosmetics Others	Domestic/Cleaners Water treatment
Ammonium chloride ((NH4)Cl)	12125-02-9	Cleaning/washing agents and additives Complexing agents Construction materials additives Electroplating agents Flotation agents Process regulators Tanning agents	Chemical industry: basic chemicals (manufacture) Chemical industry: basic chemicals (supply) Domestic/Cleaners Engineering industry: civil Leather processing industry Mining and metal extraction industry Textile processing industry
Argon	7440-37-1	Laboratory chemicals Welding and soldering agents	Mining and metal extraction industry

Arsenic oxide (As ₂ O ₃)	1327-53-3	Impregnation agents Others Oxidising agents	Chemical industry: chemicals used in synthesis Others Personal/Cosmetics
Bentonite	1302-78-9	Cleaning/washing agents and additives Others Viscosity adjusters	Domestic/Cleaners Mineral oil and fuel industry
Bentonite, acid leached	70131-50-9	Bleaching agents Others	Mineral oil and fuel industry Mining and metal extraction industry
Bentonite, sodian	85049-30-5	Impregnation agents	Pulp and paper and board processing industry
Benzene, (1-methylethyl)-, oxidized cumene residues, .alpha.-methylstyrene fraction, dephenolated	101316-43-2	Fuels	Chemical industry: chemicals used in synthesis
Benzene, 1,1'-methylenebis[4-isocyanato-	101-68-8	Adhesives: binding agents Construction materials additives Foaming agents Insulating agents Others	Chemical industry: chemicals used in synthesis Engineering industry: civil Paints and lacquers and varnishes industry Photographic industry
Benzene, 1,3-diisocyanato-2-methyl-	91-08-7	Foaming agents Others	Chemical industry: chemicals used in synthesis Engineering industry: civil Paints and lacquers and varnishes industry Plastics industry
Benzene, 2,4-diisocyanato-1-methyl-	584-84-9	Foaming agents Lubricants and additives Others Solvents	Chemical industry: chemicals used in synthesis Engineering industry: civil Paints and lacquers and varnishes industry Photographic industry Plastics industry
Benzene, ethenyl-, distillation residues	68512-63-0	Fuels	Plastics industry
Benzenemethanaminium, N-dodecyl-N,N-dimethyl-, chloride	139-07-1	Others	Chemical industry: chemicals used in synthesis Domestic/Cleaners
Benzenesulfonic acid, dimethyl-, sodium salt	1300-72-7	Cleaning/washing agents and additives Others Surface-active agents	Domestic/Cleaners

Benzenesulfonic acid, dodecyl-	27176-87-0	Cleaning/washing agents and additives Surface-active agents	Domestic/Cleaners
Borax (Na ₂ (B ₄ O ₇).10H ₂ O)	1303-96-4	Cleaning/washing agents and additives Construction materials additives Cosmetics Flame retardants and fire-preventing agents Insulating agents Reducing agents Tanning agents	Chemical industry: basic chemicals (supply) Domestic/Cleaners Leather processing industry Mining and metal extraction industry
Boric acid (H ₃ BO ₃)	10043-35-3	Cleaning/washing agents and additives Construction materials additives Corrosion inhibitors Electroplating agents Flame retardants and fire-preventing agents Insulating agents Others Reducing agents Tanning agents Welding and soldering agents	Chemical industry: chemicals used in synthesis Domestic/Cleaners Leather processing industry Mining and metal extraction industry Pulp and paper and board processing industry Textile processing industry Water treatment
Boric acid, sodium salt, pentahydrate	11130-12-4	Construction materials additives Others	Chemical industry: basic chemicals (supply) Engineering industry: civil
Carbon disulfide	75-15-0	Others	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis
Carbonic acid, dipotassium salt	584-08-7	Cleaning/washing agents and additives Construction materials additives Cosmetics Others Photochemicals	Chemical industry: chemicals used in synthesis Domestic/Cleaners Mineral oil and fuel industry Paints and lacquers and varnishes industry Photographic industry Textile processing industry
Carbonic acid, disodium salt, compound with hydrogen peroxide (H ₂ O ₂) (2:3)	15630-89-4	Bleaching agents Odour agents Oxidising agents	Domestic/Cleaners
Carbonic acid, manganese(2+) salt (1:1)	598-62-9	Others	Mining and metal extraction industry
Carbonic acid, monosodium salt	144-55-8	Cosmetics Others	Domestic/Cleaners

Carbonodithioic acid, O-(1-methylethyl) ester, sodium salt	140-93-2	Flotation agents	Chemical industry: chemicals used in synthesis Mining and metal extraction industry
Carbonodithioic acid, O-(2-methylpropyl) ester, sodium salt	25306-75-6	Flotation agents	Chemical industry: chemicals used in synthesis Mining and metal extraction industry
Carbonodithioic acid, O-ethyl ester, sodium salt	140-90-9	Complexing agents Flotation agents Foaming agents Others	Chemical industry: chemicals used in synthesis Mining and metal extraction industry
Cellulose, nitrate	9004-70-0	Adhesives: binding agents Explosives	Chemical industry: chemicals used in synthesis Paints and lacquers and varnishes industry Plastics industry
Cement, alumina, chemicals	65997-16-2	Adhesives: binding agents Construction materials additives Insulating agents	Engineering industry: civil Mining and metal extraction industry
Chloric acid, sodium salt	7775-09-9	Bleaching agents Oxidising agents	Chemical industry: basic chemicals (supply) Pulp and paper and board processing industry
Chlorine oxide, (ClO ₂)	10049-04-4		Pulp and paper and board processing industry
Chlorous acid, sodium salt	7758-19-2	Bleaching agents Laboratory chemicals Odour agents Others Oxidising agents pH-regulating agents	Chemical industry: basic chemicals (manufacture) Chemical industry: chemicals used in synthesis Pulp and paper and board processing industry Textile processing industry Water treatment
Chromium alloy, base, Cr,C,Fe,N,Si (ferrochromium)	11114-46-8	Others	Mining and metal extraction industry
Chromium hydroxide sulfate (Cr(OH)(SO ₄))	12336-95-7	Others Tanning agents	Chemical industry: basic chemicals (supply) Leather processing industry
Chromium iron oxide (Cr ₂ FeO ₄)	12068-77-8	Others	Mining and metal extraction industry
Chromium oxide (CrO ₃)	1333-82-0	Electroplating agents Impregnation agents Others Oxidising agents	Chemical industry: chemicals used in synthesis Engineering industry: civil Others Personal/Cosmetics

Chromium(III) oxide (Cr ₂ O ₃)	1308-38-9	Colouring agents Others	Engineering industry: civil Mining and metal extraction industry Paints and lacquers and varnishes industry
Cristobalite (SiO ₂)	14464-46-1	Others	Mineral oil and fuel industry
D-Glucitol	50-70-4	Adhesives: binding agents Cleaning/washing agents and additives Cosmetics Fillers Others	Chemical industry: chemicals used in synthesis Domestic/Cleaners
Diatomaceous silica, calcined	61790-53-2	Fillers	Mineral oil and fuel industry Paints and lacquers and varnishes industry
Diphosphoric acid, tetrasodium salt	7722-88-5	Cleaning/washing agents and additives Complexing agents Process regulators	Domestic/Cleaners
Distillates, petroleum, hydrotreated heavy naphthenic	64742-52-5	Adhesives: binding agents Corrosion inhibitors Heat transferring agents Insulating agents Lubricants and additives Softeners Solvents Viscosity adjusters	Electrical/electronic engineering industry Mineral oil and fuel industry Paints and lacquers and varnishes industry Plastics industry Printing industry
Distillates, petroleum, hydrotreated heavy paraffinic	64742-54-7	Lubricants and additives Surface-active agents	Mineral oil and fuel industry Plastics industry
Distillates, petroleum, hydrotreated middle	64742-46-7	Lubricants and additives Solvents	Mineral oil and fuel industry Paints and lacquers and varnishes industry
Disulfurous acid, disodium salt	7681-57-4	Cleaning/washing agents and additives Electroplating agents Flotation agents Others Photochemicals pH-regulating agents Reducing agents Tanning agents	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Leather processing industry Mining and metal extraction industry Photographic industry Pulp and paper and board processing industry Water treatment

Dithionous acid, disodium salt	7775-14-6	Bleaching agents Impregnation agents Reducing agents Tanning agents	Domestic/Cleaners Leather processing industry Pulp and paper and board processing industry Textile processing industry
Dolomite (CaMg(CO ₃) ₂)	16389-88-1	Others	Mining and metal extraction industry
Ethane, 1,1,1,2-tetrafluoro-	811-97-2	Aerosol propellants Heat transferring agents Others	Chemical industry: basic chemicals (supply) Engineering industry: civil
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	Cleaning/washing agents and additives Laboratory chemicals Solvents	Chemical industry: basic chemicals (manufacture) Chemical industry: basic chemicals (supply) Domestic/Cleaners Paints and lacquers and varnishes industry
Ethanol, 2,2'-iminobis-	111-42-2	Cleaning/washing agents and additives Corrosion inhibitors Cosmetics Laboratory chemicals Others Surface-active agents	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Engineering industry: civil Leather processing industry Paints and lacquers and varnishes industry Pulp and paper and board processing industry
Ethanol, 2,2'-oxybis-	111-46-6	Anti-freezing agents Colouring agents Cosmetics Others Solvents	Chemical industry: basic chemicals (manufacture) Chemical industry: basic chemicals (supply) Domestic/Cleaners Paints and lacquers and varnishes industry Textile processing industry
Ethanol, 2-amino-	141-43-5	Cleaning/washing agents and additives Corrosion inhibitors Cosmetics Laboratory chemicals Others Surface-active agents	Chemical industry: basic chemicals (supply) Domestic/Cleaners Leather processing industry Paints and lacquers and varnishes industry Pulp and paper and board processing industry Textile processing industry
Ethanol, 2-butoxy-	111-76-2	Cleaning/washing agents and additives Laboratory chemicals Lubricants and additives Others Solvents	Chemical industry: basic chemicals (manufacture) Chemical industry: basic chemicals (supply) Domestic/Cleaners Paints and lacquers and varnishes industry Plastics industry Textile processing industry

Ethene, tetrachloro-	127-18-4	Cleaning/washing agents and additives Heat transferring agents Solvents	Chemical industry: basic chemicals (supply) Mining and metal extraction industry Paints and lacquers and varnishes industry
Ethene, trichloro-	79-01-6	Cleaning/washing agents and additives Laboratory chemicals Softeners Solvents	Chemical industry: basic chemicals (supply) Electrical/electronic engineering industry Engineering industry: civil Mining and metal extraction industry Paints and lacquers and varnishes industry Textile processing industry
Fatty acids, coco, compounds with diethanolamine	61790-63-4	Cleaning/washing agents and additives Cosmetics Surface-active agents	Domestic/Cleaners
Fatty acids, coco, sodium salts	61789-31-9	Cleaning/washing agents and additives Cosmetics	Domestic/Cleaners
Fatty acids, palm kernel oil, sodium salts	61789-89-7	Cosmetics	Domestic/Cleaners
Ferrosilicon	8049-17-0	Complexing agents Others Reducing agents	Engineering industry: civil Mining and metal extraction industry
Fluid catalytic cracking catalyst		Process regulators	Mineral oil and fuel industry
Frits, chemicals	65997-18-4	Others	
Fuel oil, residues straight run gas oils, high sulfur	68476-32-4	Fuels	Mineral oil and fuel industry
Gas oils, petroleum, steam cracked	68527-18-4	Fuels	Chemical industry: chemicals used in synthesis
Gasoline, pyrolysis, debutanizer bottoms	68606-10-0	Fuels	Mineral oil and fuel industry
Heptane, 2,2,4,6,6-pentamethyl-	13475-82-6	Solvents	Chemical industry: basic chemicals (supply)
Hexanedioic acid	124-04-9	Adhesives: binding agents Others	Chemical industry: chemicals used in synthesis Paints and lacquers and varnishes industry Textile processing industry
Hexanedioic acid, bis(2-ethylhexyl) ester	103-23-1	Others Softeners	Domestic/Cleaners Plastics industry

Hydrogen	1333-74-0	Complexing agents Laboratory chemicals Others Reducing agents	Chemical industry: basic chemicals (manufacture) Chemical industry: chemicals used in synthesis Engineering industry: civil Mining and metal extraction industry
Hypochlorous acid, calcium salt	7778-54-3	Others	Domestic/Cleaners
Imidazolium compounds, 4,5-dihydro-1-methyl-2-nortallow alkyl-1-(2-tallow amidoethyl), methyl sulfates	68122-86-1	Softeners	Domestic/Cleaners
Iron	7439-89-6	Others	Engineering industry: civil Mining and metal extraction industry
Iron chloride (FeCl ₃)	7705-08-0	Others	Water treatment
Iron hydroxide oxide, (Fe(OH)O)	20344-49-4	Colouring agents	Paints and lacquers and varnishes industry
Iron oxide (Fe ₃ O ₄)	1317-61-9	Colouring agents	Paints and lacquers and varnishes industry Pulp and paper and board processing industry
Isocyanic acid, polymethylenepolyphenylene ester	9016-87-9	Cleaning/washing agents and additives Construction materials additives Insulating agents Laboratory chemicals Others pH-regulating agents	Chemical industry: chemicals used in synthesis Engineering industry: civil Paints and lacquers and varnishes industry
Kaolin	1332-58-7	Colouring agents Complexing agents Construction materials additives Fillers Process regulators Viscosity adjusters	Chemical industry: chemicals used in synthesis Engineering industry: civil Paints and lacquers and varnishes industry Plastics industry
Kerosine, petroleum, hydrodesulfurized	64742-81-0	Fuels	Mineral oil and fuel industry
Lead oxide sulfate (Pb ₄ O ₃ (SO ₄))	12202-17-4	Lubricants and additives Stabilisers	Chemical industry: chemicals used in synthesis Others Plastics industry

Lubricating oils, petroleum, C20-50, hydrotreated neutral oil based, high viscosity	72623-85-9	Lubricants and additives	Mineral oil and fuel industry
Magnesium	7439-95-4	Fillers Others	Mining and metal extraction industry
Magnetite (Fe ₃ O ₄)	1309-38-2	Colouring agents	Engineering industry: civil Paints and lacquers and varnishes industry Photographic industry
Methane, chlorodifluoro-	75-45-6	Aerosol propellants Heat transferring agents Others	Chemical industry: basic chemicals (supply) Engineering industry: civil
Methane, dichloro-	75-09-2	Adhesives: binding agents Cleaning/washing agents and additives Laboratory chemicals Softeners Solvents	Chemical industry: basic chemicals (supply) Engineering industry: civil Paints and lacquers and varnishes industry Plastics industry
Naphtha, petroleum, hydrotreated heavy	64742-48-9	Solvents	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Paints and lacquers and varnishes industry
Naphtha, petroleum, hydrotreated light	64742-49-0	Cleaning/washing agents and additives Solvents	Chemical industry: chemicals used in synthesis Engineering industry: civil Paints and lacquers and varnishes industry
Nitric acid, calcium salt, hydrate	35054-52-5	Construction materials additives Oxidising agents	Chemical industry: basic chemicals (manufacture) Engineering industry: civil
Nitric acid, lead(2+) salt	10099-74-8	Cleaning/washing agents and additives Flotation agents Others	Mining and metal extraction industry
Nitric acid, sodium salt	7631-99-4	Adhesives: binding agents Explosives Others	Chemical industry: basic chemicals (supply) Engineering industry: civil Mining and metal extraction industry

Nitrous acid, sodium salt	7632-00-0	Bleaching agents Colouring agents Construction materials additives Corrosion inhibitors Laboratory chemicals Others Oxidising agents Photochemicals	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Engineering industry: civil Leather processing industry Mining and metal extraction industry Paints and lacquers and varnishes industry
Octadecanoic acid, calcium salt	1592-23-0	Construction materials additives Fillers Lubricants and additives Stabilisers	Chemical industry: chemicals used in synthesis Others Paints and lacquers and varnishes industry Plastics industry Pulp and paper and board processing industry
Octadecanoic acid, lead(2+) salt	1072-35-1	Lubricants and additives Stabilisers	Chemical industry: chemicals used in synthesis Plastics industry
Oils, palm	8002-75-3	Cosmetics	Domestic/Cleaners
Paraffin oils	8012-95-1	Cosmetics Lubricants and additives	Domestic/Cleaners Mineral oil and fuel industry
Paraffins, petroleum, normal C5-20	64771-72-8	Adhesives: binding agents	Domestic/Cleaners Packaging (including adhesives) industry Plastics industry
Phenol, 2,4-dichloro-	120-83-2	Others	Chemical industry: chemicals used in synthesis
Phenol, 4,4'-(1-methylethylidene)bis-	80-05-7	Adhesives: binding agents Others Stabilisers	Chemical industry: chemicals used in synthesis Paints and lacquers and varnishes industry Plastics industry
Phenol, nonyl-	25154-52-3	Adhesives: binding agents Others	Chemical industry: chemicals used in synthesis Paints and lacquers and varnishes industry
Phenol, tetrapropylene-, sulfurized, carbonates, calcium salts, overbased	122384-87-6	Lubricants and additives	Mineral oil and fuel industry
Phosphoric acid, calcium salt (1:1), dihydrate	7789-77-7	Cleaning/washing agents and additives Cosmetics Others	Domestic/Cleaners

Phosphoric acid, monoammonium salt	7722-76-1	Cleaning/washing agents and additives Construction materials additives Flame retardants and fire-preventing agents Laboratory chemicals Others	Chemical industry: basic chemicals (supply) Domestic/Cleaners Engineering industry: civil Textile processing industry
Phosphorodithioic acid, O,O-bis(2-methylpropyl) ester, sodium salt	53378-51-1	Others	Chemical industry: chemicals used in synthesis Mineral oil and fuel industry
Phosphorus	7723-14-0	Others	
Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-	9016-45-9	Cleaning/washing agents and additives Cosmetics Surface-active agents Tanning agents	Chemical industry: basic chemicals (supply) Domestic/Cleaners Leather processing industry Paints and lacquers and varnishes industry Textile processing industry
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-(dodecyloxy)-, sodium salt	9004-82-4	Cleaning/washing agents and additives Surface-active agents	Domestic/Cleaners
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts	68585-34-2	Cleaning/washing agents and additives Construction materials additives Cosmetics	Domestic/Cleaners Engineering industry: civil Personal/Cosmetics Textile processing industry
Polyphosphoric acids, sodium salts	68915-31-1	Complexing agents Softeners	Mining and metal extraction industry Paints and lacquers and varnishes industry
Polysaccharide		Others	
Potassium chloride (KCl)	7447-40-7	Electroplating agents Others	Mineral oil and fuel industry
Potassium hydroxide	1310-58-3	Bleaching agents Cleaning/washing agents and additives Cosmetics Electroplating agents Flotation agents Laboratory chemicals Lubricants and additives pH-regulating agents Process regulators	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Mineral oil and fuel industry Paints and lacquers and varnishes industry Photographic industry Textile processing industry Water treatment

Propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol	25265-77-4	Construction materials additives Others Softeners Solvents	Chemical industry: basic chemicals (supply) Paints and lacquers and varnishes industry
Propanol, (2-methoxymethylethoxy)-	34590-94-8	Cleaning/washing agents and additives Laboratory chemicals Solvents	Chemical industry: basic chemicals (manufacture) Chemical industry: basic chemicals (supply) Electrical/electronic engineering industry Paints and lacquers and varnishes industry
Propanol, oxybis-	25265-71-8	Lubricants and additives Solvents	Paints and lacquers and varnishes industry
Quartz (SiO ₂)	14808-60-7	Others	
Rosin	8050-09-7	Adhesives: binding agents Others Softeners	Chemical industry: chemicals used in synthesis Paints and lacquers and varnishes industry Plastics industry Pulp and paper and board processing industry
Silica	7631-86-9	Cosmetics Others Process regulators	Chemical industry: chemicals used in synthesis Domestic/Cleaners Pulp and paper and board processing industry
Silica gel, precipitated, crystalline free	112926-00-8	Adhesives: binding agents Cosmetics Fillers Others	Domestic/Cleaners Paints and lacquers and varnishes industry Plastics industry
Silica, amorphous, fumed, crystalline free	112945-52-5	Adhesives: binding agents Aerosol propellants Cleaning/washing agents and additives Construction materials additives Cosmetics Fillers Insulating agents Others Viscosity adjusters	Domestic/Cleaners Engineering industry: civil Paints and lacquers and varnishes industry Plastics industry
Silicate(2-), hexafluoro-, disodium	16893-85-9	Cleaning/washing agents and additives Others	Chemical industry: chemicals used in synthesis Domestic/Cleaners Water treatment

Silicic acid (H ₂ SiO ₃), disodium salt	6834-92-0	Bleaching agents Cleaning/washing agents and additives Cosmetics Electroplating agents Lubricants and additives Solvents Tanning agents	Chemical industry: basic chemicals (supply) Domestic/Cleaners Leather processing industry Paints and lacquers and varnishes industry Pulp and paper and board processing industry Water treatment
Silicon	7440-21-3	Others	Mining and metal extraction industry
Silicon carbide (SiC)	409-21-2	Construction materials additives Fillers Flux agents for casting Heat transferring agents Insulating agents Laboratory chemicals Others Oxidising agents Surface-active agents	Engineering industry: civil Mining and metal extraction industry
Slack wax, petroleum	64742-61-6	Others	Mineral oil and fuel industry
Sodium fluoride (NaF)	7681-49-4	Cleaning/washing agents and additives Electroplating agents Flux agents for casting Lubricants and additives Others Tanning agents Viscosity adjusters	Domestic/Cleaners Electrical/electronic engineering industry Leather processing industry Water treatment
Sodium sulfide (Na(SH))	16721-80-5	Cleaning/washing agents and additives Impregnation agents Tanning agents	Domestic/Cleaners Leather processing industry Mining and metal extraction industry Textile processing industry
Sodium sulfide (Na ₂ S)	1313-82-2	Flotation agents Laboratory chemicals Others Photochemicals Tanning agents	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Leather processing industry Pulp and paper and board processing industry
Sodium sulfide, nonahydrate	1313-84-4	Flotation agents Others	Chemical industry: chemicals used in synthesis Mining and metal extraction industry

Sorbitan, monoctadecanoate	1338-41-6	Others	Chemical industry: chemicals used in synthesis
Sulfuric acid, barium salt (1:1)	7727-43-7	Fillers Others	Mineral oil and fuel industry Paints and lacquers and varnishes industry
Sulfuric acid, calcium salt (1:1)	7778-18-9	Construction materials additives Others	Engineering industry: civil
Sulfuric acid, copper(2+) salt (1:1), pentahydrate	7758-99-8	Electroplating agents Flotation agents Impregnation agents Others Oxidising agents	Chemical industry: chemicals used in synthesis Mining and metal extraction industry Others Personal/Cosmetics
Sulfuric acid, diammonium salt	7783-20-2	Impregnation agents Others Tanning agents	Leather processing industry Textile processing industry
Sulfuric acid, dipotassium salt	7778-80-5	Construction materials additives Others	Chemical industry: chemicals used in synthesis Engineering industry: civil
Sulfuric acid, iron(2+) salt (1:1)	7720-78-7	Others	Chemical industry: basic chemicals (supply)
Sulfuric acid, iron(2+) salt (1:1), heptahydrate	7782-63-0	Others	Chemical industry: basic chemicals (supply) Water treatment
Sulfuric acid, iron(3+) salt (3:2)	10028-22-5	Others	Water treatment
Sulfuric acid, manganese(2+) salt (1:1)	7785-87-7	Cleaning/washing agents and additives Construction materials additives Fillers	Domestic/Cleaners Paints and lacquers and varnishes industry
Sulfuric acid, zinc salt (1:1)	7733-02-0	Cleaning/washing agents and additives Fixing agents Flotation agents Others	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Mining and metal extraction industry Textile processing industry
Sulfuric acid, zinc salt (1:1), heptahydrate	7446-20-0	Others	Chemical industry: chemicals used in synthesis
Tallow	61789-97-7	Cosmetics Lubricants and additives Others	Domestic/Cleaners

Thiosulfuric acid (H ₂ S ₂ O ₃), diammonium salt	7783-18-8	Photochemicals	Photographic industry
Zeolites	1318-02-1	Cleaning/washing agents and additives Process regulators	Chemical industry: chemicals used in synthesis Domestic/Cleaners
Zinc oxide (ZnO)	1314-13-2	Colouring agents Fillers Others Vulcanising agents	Chemical industry: chemicals used in synthesis Paints and lacquers and varnishes industry
Zirconium, dichlorooxo-	7699-43-6	Others	

Threshold Range : Between 10,000 and 99,999 Tonnes/Year

Chemical/Chemical Group Name	CAS No	Use Category	Industry Category
1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester	117-81-7	Construction materials additives Foaming agents Others Softeners	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Engineering industry: civil Others Plastics industry
1,2-Ethanediol	107-21-1	Adhesives: binding agents Anti-freezing agents Cleaning/washing agents and additives Colouring agents Corrosion inhibitors Cosmetics Heat transferring agents Laboratory chemicals Others Solvents Stabilisers Tanning agents	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Engineering industry: civil Leather processing industry Mineral oil and fuel industry Mining and metal extraction industry Paints and lacquers and
1,3-Butadiene	106-99-0	Adhesives: binding agents Others	Chemical industry: chemicals used in synthesis
1,4-Benzenedicarboxylic acid	100-21-0	Adhesives: binding agents Others	Chemical industry: basic chemicals (supply) Engineering industry: civil Plastics industry
1-Propene	115-07-1	Others	Chemical industry: chemicals used in synthesis
2-Propanone	67-64-1	Construction materials additives Cosmetics Laboratory chemicals Solvents	Chemical industry: basic chemicals (manufacture) Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Paints and lacquers and varnishes industry

2-Propenoic acid, 2-methyl-, methyl ester	80-62-6	Adhesives: binding agents Construction materials additives Others Solvents Tanning agents	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Engineering industry: civil Paints and lacquers and varnishes industry Plastics industry Pulp and paper and board processing industry Textile processing industry
2-Propenoic acid, butyl ester	141-32-2	Adhesives: binding agents Others Solvents Tanning agents	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Engineering industry: civil Paints and lacquers and varnishes industry Plastics industry Pulp and paper and board processing industry Textile processing industry
Alkylate (Petroleum component)*		Fuel additives Fuels	Mineral oil and fuel industry
Aluminate, (AlO ₂ ⁻), sodium	1302-42-7	Colouring agents pH-regulating agents Surface-active agents	Mining and metal extraction industry Water treatment
Aluminium dicalcium iron pentaoxide	12068358	Others	
Aluminium fluoride (AlF ₃)	7784-18-1	Conductive agents Flux agents for casting Process regulators Solvents Viscosity adjusters	Chemical industry: chemicals used in synthesis Mining and metal extraction industry Paints and lacquers and varnishes industry
Aluminium hydroxide (Al(OH) ₃)	21645-51-2	Fillers Flame retardants and fire-preventing agents Others	Mining and metal extraction industry
Benzene, (1-methylethyl)-	98-82-8	Laboratory chemicals Others	Chemical industry: chemicals used in synthesis
Benzene, 1,3-dimethyl-	108-38-3	Others	
Benzene, 1,4-dimethyl-	106-42-3	Others	

Benzene, dimethyl-	1330-20-7	Adhesives: binding agents Colouring agents Others Solvents	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Paints and lacquers and varnishes industry Plastics industry
Benzene, ethenyl-	100-42-5	Laboratory chemicals Others Process regulators Solvents	Chemical industry: chemicals used in synthesis Domestic/Cleaners Plastics industry
Benzene, methyl-	108-88-3	Solvents	Chemical industry: basic chemicals (manufacture) Chemical industry: basic chemicals (supply) Paints and lacquers and varnishes industry
Benzene, mono-C10-14-alkyl derivatives	68442-69-3	Others	
Benzene, trimethyl-	25551-13-7	Others	
Benzenesulfonic acid, dodecyl-, sodium salt	25155-30-0	Cleaning/washing agents and additives Others Surface-active agents	Domestic/Cleaners
Butane	106-97-8	Fuels	Mineral oil and fuel industry
Calcium chloride (CaCl ₂)	10043-52-4	Absorbents and adsorbents Anti-freezing agents Conductive agents Construction materials additives Dust binding agents Laboratory chemicals Others Oxidising agents	Chemical industry: basic chemicals (supply) Engineering industry: civil Mining and metal extraction industry Pulp and paper and board processing industry Water treatment
Calcium fluoride (CaF ₂)	7789-75-5	Flux agents for casting Lubricants and additives Others Viscosity adjusters	Mining and metal extraction industry
Calcium oxide silicate (Ca ₃ O(SiO ₄))	12168-85-3	Others	

Carbon	7440-44-0	Absorbents and adsorbents Adhesives: binding agents Complexing agents Conductive agents Odour agents Others pH-regulating agents Process regulators Softeners	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Mining and metal extraction industry
Carbon black	1333-86-4	Colouring agents Fillers	Chemical industry: chemicals used in synthesis Paints and lacquers and varnishes industry Plastics industry Printing industry
Carbon dioxide	124-38-9	Aerosol propellants Others pH-regulating agents Tanning agents	Chemical industry: basic chemicals (manufacture) Paints and lacquers and varnishes industry Water treatment
Ceramic materials and wares, chemicals	66402-68-4	Colouring agents Complexing agents Construction materials additives Fillers Viscosity adjusters	Chemical industry: chemicals used in synthesis Engineering industry: civil Paints and lacquers and varnishes industry Plastics industry Pulp and paper and board processing industry
Chlorine	7782-50-5	Bleaching agents Complexing agents Others Oxidising agents Reducing agents	Chemical industry: chemicals used in synthesis Water treatment
Distillates, petroleum, hydrotreated light naphthenic	64742-53-6	Adhesives: binding agents Corrosion inhibitors Heat transferring agents Insulating agents Lubricants and additives Softeners Viscosity adjusters	Electrical/electronic engineering industry Mineral oil and fuel industry Paints and lacquers and varnishes industry Plastics industry
Distillates, petroleum, solvent dewaxed heavy paraffinic	64742-65-0	Anti-condensation agents Fuel additives Lubricants and additives	Domestic/Cleaners Mineral oil and fuel industry

Distillates, petroleum, solvent refined heavy paraffinic	64741-88-4	Lubricants and additives	Mineral oil and fuel industry
Distillates, petroleum, straight run middle	64741-44-2	Fuels	Mineral oil and fuel industry
Dye C.I. Pigment Black 15	1317-38-0	Construction materials additives Others	Chemical industry: basic chemicals (manufacture) Chemical industry: basic chemicals (supply)
Ethanedioic acid, disodium salt	62-76-0	Others	Mining and metal extraction industry
Ethanol	64-17-5	Adhesives: binding agents Aerosol propellants Anti-freezing agents Cleaning/washing agents and additives Cosmetics Fuel additives Heat transferring agents Laboratory chemicals Others Solvents	Chemical industry: basic chemicals (manufacture) Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Paints and lacquers and varnishes industry Printing industry
Fatty acids, tallow, sodium salts	8052-48-0	Cleaning/washing agents and additives Cosmetics	Domestic/Cleaners
Formaldehyde	50-00-0	Adhesives: binding agents Others	Chemical industry: chemicals used in synthesis
Formic acid, 2-phenylethyl ester	104-62-1		Chemical industry: basic chemicals (supply)
Fuel oil, no. 6	68553-00-4	Fuels	Mineral oil and fuel industry
Graphite	7782-42-5	Conductive agents Lubricants and additives Others Reducing agents	Engineering industry: civil Mining and metal extraction industry
Heptane	142-82-5	Solvents	Chemical industry: basic chemicals (manufacture)

Hydrochloric acid	7647-01-0	Cleaning/washing agents and additives Laboratory chemicals Others pH-regulating agents Solvents	Chemical industry: basic chemicals (manufacture) Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Engineering industry: civil Mining and metal extraction industry Water treatment
Hydrogen peroxide (H ₂ O ₂)	7722-84-1	Bleaching agents Cleaning/washing agents and additives Cosmetics Flotation agents Oxidising agents Tanning agents	Chemical industry: chemicals used in synthesis Domestic/Cleaners Leather processing industry Mining and metal extraction industry Pulp and paper and board processing industry Textile processing industry Water treatment
Hypochlorous acid, sodium salt	7681-52-9	Bleaching agents Cleaning/washing agents and additives Others Oxidising agents	Domestic/Cleaners Leather processing industry Pulp and paper and board processing industry Water treatment
Low boiling point naphthas			
Magnesium oxide (MgO)	1309-48-4	Construction materials additives Heat transferring agents Insulating agents Others Welding and soldering agents	Engineering industry: civil Mining and metal extraction industry
Manganese oxide (Mn ₃ O ₄)	1317-35-7	Others Welding and soldering agents	Engineering industry: civil Mining and metal extraction industry
Matte, nickel	69012-50-6	Others	Mining and metal extraction industry
Methanol	67-56-1	Adhesives: binding agents Construction materials additives Others Solvents	Chemical industry: basic chemicals (manufacture) Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Paints and lacquers and varnishes industry Plastics industry
Naphtha, petroleum, light alkylate	64741-66-8		
Nickel	7440-02-0	Construction materials additives	Mining and metal extraction industry

Octane	111-65-9	Fuel additives	Mineral oil and fuel industry
Oxirane, methyl-	75-56-9	Others Solvents	Chemical industry: chemicals used in synthesis
Pentane	109-66-0	Foaming agents Others	Chemical industry: basic chemicals (supply) Plastics industry
Petroleum gases, liquefied	68476-85-7	Fuels	Mineral oil and fuel industry
Phenol	108-95-2	Adhesives: binding agents Laboratory chemicals Odour agents Solvents	Chemical industry: chemicals used in synthesis Domestic/Cleaners Paints and lacquers and varnishes industry Plastics industry
Phosphoric acid	7664-38-2	Cleaning/washing agents and additives Cosmetics Electroplating agents Laboratory chemicals Others pH-regulating agents Process regulators	Chemical industry: basic chemicals (manufacture) Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Textile processing industry Water treatment
Pitch, coal tar, high temperature	65996-93-2	Adhesives: binding agents Conductive agents Others	Mining and metal extraction industry Others
Reformate (Petroleum component)*		Fuel additives Fuels	Mineral oil and fuel industry
Residues, petroleum, steam cracked	64742-90-1	Others	Chemical industry: chemicals used in synthesis
Silicic acid (H ₄ SiO ₄), calcium salt (1:2)	10034-77-2	Others	
Silicic acid, sodium salt	1344-09-8	Cleaning/washing agents and additives Complexing agents Surface-active agents	Domestic/Cleaners Mining and metal extraction industry
Slags, copper smelting	67711-92-6	Others	
Slags, lead smelting	69029-84-1	Cleaning/washing agents and additives	Engineering industry: civil

Sodium cyanide (Na(CN))	143-33-9	Complexing agents Flotation agents Others	Mining and metal extraction industry
Solvent naphtha, petroleum, heavy aliphatic	64742-96-7	Cleaning/washing agents and additives Solvents	Chemical industry: basic chemicals (manufacture) Engineering industry: civil Mining and metal extraction industry
Sulfur	7704-34-9	Bleaching agents Cleaning/washing agents and additives Explosives Others Tanning agents Vulcanising agents	Chemical industry: basic chemicals (manufacture) Domestic/Cleaners Leather processing industry Mineral oil and fuel industry Mining and metal extraction industry
Sulfuric acid, aluminium salt (3:2)	10043-01-3	Explosives Flotation agents Others Softeners Tanning agents	Chemical industry: basic chemicals (manufacture) Leather processing industry Mining and metal extraction industry Pulp and paper and board processing industry Textile processing industry Water treatment
Sulfuric acid, aluminium salt (3:2), hexadecahydrate	16828-11-8	Others	Pulp and paper and board processing industry Water treatment
Sulfuric acid, copper(2+) salt (1:1)	7758-98-7	Electroplating agents Flotation agents Laboratory chemicals Others Process regulators Reducing agents	Chemical industry: basic chemicals (manufacture) Chemical industry: chemicals used in synthesis Mining and metal extraction industry
Sulfuric acid, disodium salt	7757-82-6	Bleaching agents Cleaning/washing agents and additives Colouring agents Fillers Oxidising agents Reducing agents Solvents Tanning agents	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Leather processing industry Pulp and paper and board processing industry Textile processing industry

Sulfurous acid, disodium salt	7757-83-7	Bleaching agents Cleaning/washing agents and additives Photochemicals Reducing agents Tanning agents	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Leather processing industry Mining and metal extraction industry Photographic industry Pulp and paper and board processing industry Textile proces
Triphosphoric acid, pentasodium salt	7758-29-4	Cleaning/washing agents and additives Complexing agents Construction materials additives Cosmetics Electroplating agents Lubricants and additives Others pH-regulating agents Softeners	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Personal/Cosmetics Textile processing industry Water treatment

Threshold Range : Between 100,000 and 999,999 Tonnes/Year

Chemical/Chemical Group Name	CAS No	Use Category	Industry Category
1-Decene, tetramer, mixed with 1-decene trimer, hydrogenated	68649-12-7	Lubricants and additives	Mineral oil and fuel industry
Aluminium	7429-90-5	Conductive agents Construction materials additives Fillers Process regulators	Domestic/Cleaners Electrical/electronic engineering industry Engineering industry: civil Paints and lacquers and varnishes industry
Ammonia	7664-41-7	Bleaching agents Cleaning/washing agents and additives Explosives Flotation agents Laboratory chemicals Others Photochemicals pH-regulating agents	Chemical industry: basic chemicals (manufacture) Chemical industry: chemicals used in synthesis Domestic/Cleaners Mining and metal extraction industry Paints and lacquers and varnishes industry
Benzene	71-43-2	Laboratory chemicals Others Solvents	Chemical industry: chemicals used in synthesis
Benzene, ethyl-	100-41-4	Laboratory chemicals Solvents	Chemical industry: basic chemicals (manufacture) Chemical industry: chemicals used in synthesis Paints and lacquers and varnishes industry
Butane, 2-methyl-	78-78-4	Others	Chemical industry: basic chemicals (supply)
Calcium carbide (CaC ₂)	75-20-7	Fuels Others	Others
Calcium hydroxide (Ca(OH) ₂)	1305-62-0	Construction materials additives Fillers pH-regulating agents Stabilisers	Chemical industry: basic chemicals (manufacture) Engineering industry: civil Mining and metal extraction industry Paints and lacquers and varnishes industry Plastics industry Water treatment

Calcium oxide	1305-78-8	Construction materials additives Fillers Insulating agents Others pH-regulating agents	Chemical industry: basic chemicals (manufacture) Engineering industry: civil Mining and metal extraction industry Water treatment
Carbonic acid, calcium salt (1:1)	471-34-1	Colouring agents Cosmetics Fillers Insulating agents Laboratory chemicals Others	Domestic/Cleaners Engineering industry: civil Mining and metal extraction industry Paints and lacquers and varnishes industry Plastics industry Printing industry Pulp and paper and board processing industry
Carbonic acid, disodium salt	497-19-8	Bleaching agents Cleaning/washing agents and additives Fillers Laboratory chemicals Others Oxidising agents pH-regulating agents	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Engineering industry: civil Mining and metal extraction industry Pulp and paper and board processing industry Textile processing industry
Clarified oils, petroleum, catalytic cracked	64741-62-4	Fuels Others	Mineral oil and fuel industry
Coke, petroleum	64741-79-3	Conductive agents Reducing agents	Mining and metal extraction industry
Coke, petroleum, calcined	64743-05-1	Conductive agents Electroplating agents Fuels Process regulators Reducing agents	Chemical industry: chemicals used in synthesis Mining and metal extraction industry Paints and lacquers and varnishes industry
Copper	7440-50-8	Conductive agents Others	Engineering industry: civil Mining and metal extraction industry
Distillates, petroleum, hydrotreated light	64742-47-8	Solvents	Chemical industry: chemicals used in synthesis Mining and metal extraction industry Paints and lacquers and varnishes industry

Distillates, petroleum, solvent refined heavy naphthenic	64741-96-4	Adhesives: binding agents Corrosion inhibitors Heat transferring agents Insulating agents Lubricants and additives Softeners Viscosity adjusters	Electrical/electronic engineering industry Mineral oil and fuel industry Paints and lacquers and varnishes industry Plastics industry
Ethene	74-85-1	Others	Chemical industry: chemicals used in synthesis
Ethene, chloro-	75-01-4	Others	Chemical industry: chemicals used in synthesis Plastics industry
Extracts, petroleum, heavy paraffinic distillate solvent	64742-04-7		
Fatty acids, C5-10, esters with pentaerythritol	68424-31-7	Lubricants and additives	Mineral oil and fuel industry
Fuel gases	68476-26-6	Fuels	Chemical industry: chemicals used in synthesis
Fuel oil, heavy, high sulfur	92045-14-2	Fuel additives Fuels Lubricants and additives	Mineral oil and fuel industry
Fuel oil, residual	68476-33-5	Fuels	Mineral oil and fuel industry
Fuel oils		Fuels	Mineral oil and fuel industry
Gases, petroleum, gas recovery plant depropanizer overheads	68477-94-1	Fuels	Mineral oil and fuel industry
Greases		Lubricants and additives	Mineral oil and fuel industry Mining and metal extraction industry
Hexane	110-54-3	Solvents	Chemical industry: basic chemicals (manufacture)
Iron oxide (Fe2O3)	1309-37-1	Colouring agents Complexing agents Corrosion inhibitors Others	Mining and metal extraction industry Paints and lacquers and varnishes industry

Lead	7439-92-1	Conductive agents Others Stabilisers	Electrical/electronic engineering industry Engineering industry: civil
Lubricating oils		Lubricants and additives Process regulators	Chemical industry: chemicals used in synthesis Engineering industry: civil Mineral oil and fuel industry Mining and metal extraction industry
Naphthalene, sec-hexadecyl-	94247-63-9	Lubricants and additives	Mineral oil and fuel industry
Nitric acid	7697-37-2	Cleaning/washing agents and additives Conductive agents Electroplating agents Explosives Flotation agents Laboratory chemicals Others Oxidising agents pH-regulating agents Process regulators Solvents	Chemical industry: basic chemicals (manufacture) Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Electrical/electronic engineering industry Mining and metal extraction industry Textile processin
Nitric acid, ammonium salt	6484-52-2	Explosives Oxidising agents	Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Engineering industry: civil Mining and metal extraction industry
Nitrogen	7727-37-9		Chemical industry: chemicals used in synthesis Mining and metal extraction industry Plastics industry
Oxygen	7782-44-7	Oxidising agents Process regulators Welding and soldering agents	Mining and metal extraction industry Water treatment

Paraffin waxes and hydrocarbon waxes	8002-74-2	Adhesives: binding agents Construction materials additives Cosmetics Electroplating agents Explosives Fillers Impregnation agents Insulating agents Lubricants and additives Others	Chemical industry: basic chemicals (supply) Domestic/Cleaners Mining and metal extraction industry Packaging (including adhesives) industry Pulp and paper and board processing industry
Slags, ferrous metal, blast furnace	65996-69-2	Complexing agents	Mining and metal extraction industry
Solvent naphtha, petroleum, heavy aromatic	64742-94-5	Solvents	Chemical industry: basic chemicals (manufacture) Chemical industry: chemicals used in synthesis Paints and lacquers and varnishes industry
Solvent naphtha, petroleum, light aromatic	64742-95-6	Fuel additives Solvents	Chemical industry: basic chemicals (manufacture) Mineral oil and fuel industry Paints and lacquers and varnishes industry
Solvent naphtha, petroleum, medium aliphatic	64742-88-7	Solvents	Chemical industry: basic chemicals (manufacture) Paints and lacquers and varnishes industry
Sulfite liquor, white	68131-33-9		Pulp and paper and board processing industry
Sulfuric acid, calcium salt (1:1), hemihydrate	10034-76-1	Construction materials additives	Engineering industry: civil
Sulfuric acid, calcium salt, dihydrate	10101-41-4	Construction materials additives	Engineering industry: civil
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	14807-96-6	Colouring agents Cosmetics	Domestic/Cleaners Paints and lacquers and varnishes industry
Titanium oxide (TiO ₂)	13463-67-7	Colouring agents Complexing agents Construction materials additives Cosmetics Fillers Others Stabilisers Surface-active agents Viscosity adjusters	Chemical industry: basic chemicals (supply) Domestic/Cleaners Engineering industry: civil Paints and lacquers and varnishes industry Plastics industry Printing industry Pulp and paper and board processing industry Textile processing industry

Urea	57-13-6	Adhesives: binding agents Cleaning/washing agents and additives Colouring agents Explosives Others pH-regulating agents Solvents	Chemical industry: chemicals used in synthesis Domestic/Cleaners Engineering industry: civil Mining and metal extraction industry Pulp and paper and board processing industry Textile processing industry
White mineral oil, petroleum	8042-47-5	Corrosion inhibitors Cosmetics Dust binding agents Impregnation agents Lubricants and additives Others Process regulators Softeners Tanning agents	Domestic/Cleaners Mineral oil and fuel industry Plastics industry Printing industry Textile processing industry
Zinc	7440-66-6	Construction materials additives Corrosion inhibitors Electroplating agents Others Welding and soldering agents	Engineering industry: civil Paints and lacquers and varnishes industry

Threshold Range : 1,000,000 and over Tonnes/Year

Chemical/Chemical Group Name	CAS No	Use Category	Industry Category
Aluminium oxide (Al ₂ O ₃)	1344-28-1	Construction materials additives Fillers Insulating agents Others Process regulators	Chemical industry: chemicals used in synthesis Engineering industry: civil Mining and metal extraction industry
Asphalt	8052-42-4	Adhesives: binding agents Construction materials additives	Engineering industry: civil Mineral oil and fuel industry
Cement, portland, chemicals	65997-15-1	Adhesives: binding agents Construction materials additives Others	Engineering industry: civil
Distillates, petroleum, naphtha raffinate pyrolyzate derived, gasoline blending	68425-29-6	Fuels	Mineral oil and fuel industry
Fuels, diesel	68334-30-5	Fuel additives Fuels Lubricants and additives Others	Domestic/Cleaners Engineering industry: civil Mineral oil and fuel industry
Gasoline, natural	8006-61-9	Fuels	Mineral oil and fuel industry
Gasolines		Fuels	Mineral oil and fuel industry
Kerosine, petroleum	8008-20-6	Fuel additives Fuels Lubricants and additives	Mineral oil and fuel industry
Petroleum	8002-05-9	Fuel additives Fuels Lubricants and additives	Domestic/Cleaners Mineral oil and fuel industry

Sodium hydroxide (Na(OH))	1310-73-2	Bleaching agents Cleaning/washing agents and additives Cosmetics Laboratory chemicals Others Oxidising agents pH-regulating agents Process regulators Solvents	Chemical industry: basic chemicals (manufacture) Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Leather processing industry Mining and metal extraction industry Paints and lacquers and varnishes industry
Solvent naphtha, petroleum, light aliphatic	64742-89-8	Others Solvents	Chemical industry: basic chemicals (manufacture) Paints and lacquers and varnishes industry
Sulfuric acid	7664-93-9	Anti-condensation agents Conductive agents Others pH-regulating agents Process regulators	Chemical industry: basic chemicals (manufacture) Chemical industry: basic chemicals (supply) Chemical industry: chemicals used in synthesis Domestic/Cleaners Electrical/electronic engineering industry Mining and metal extraction industry