



INVENTORY MULTI-TIERED ASSESSMENT AND PRIORITISATION FRAMEWORK

Tranche One – Tier I Human Health Assessments

Table 1: Tranche one Tier I human health assessments. Chemicals not considered to pose an unreasonable risk to the health of workers and public health on the basis of the Tier I assessment.

CAS Registry Number	Chemical Name	Assessment Information	IMAP Status
50-70-4	D-Glucitol	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
50-81-7	L-Ascorbic acid	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
50-99-7	D-Glucose	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
56-81-5	1,2,3-Propanetriol	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
57-11-4	Octadecanoic acid	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
57-13-6	Urea	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
68-04-2	1,2,3-Propanetricarboxylic acid, 2-hydroxy-, trisodium salt	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
77-90-7	1,2,3-Propanetricarboxylic acid, 2-(acetyloxy)-, tributyl ester	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
143-07-7	Dodecanoic acid	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)

144-55-8	Carbonic acid, monosodium salt	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
471-34-1	Carbonic acid, calcium salt (1:1)	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
527-07-1	D-Gluconic acid, monosodium salt	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
557-04-0	Octadecanoic acid, magnesium salt	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
557-05-1	Octadecanoic acid, zinc salt	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
1066-33-7	Carbonic acid, monoammonium salt	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
1302-78-9	Bentonite	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
1309-37-1	Iron oxide (Fe ₂ O ₃)	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
1309-48-4	Magnesium oxide (MgO)	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
1314-13-2	Zinc oxide (ZnO)	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
1317-61-9	Iron oxide (Fe ₃ O ₄)	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
1317-65-3	Limestone	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
1327-36-2	Aluminatesilicate	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
1332-37-2	Iron oxide	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
1332-58-7	Kaolin	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
1344-00-9	Aluminosilicic acid, sodium salt	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)

1344-95-2	Silicic acid, calcium salt	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
1592-23-0	Octadecanoic acid, calcium salt	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
6132-04-3	1,2,3-Propanetricarboxylic acid, 2-hydroxy-, trisodium salt, dihydrate	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
7320-34-5	Diphosphoric acid, tetrapotassium salt	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
7440-50-8	Copper	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
7447-40-7	Potassium chloride (KCl)	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
7487-88-9	Sulfuric acid, magnesium salt (1:1)	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
7558-80-7	Phosphoric acid, monosodium salt	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
7647-14-5	Sodium chloride (NaCl)	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
7681-11-0	Potassium iodide (KI)	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
7722-76-1	Phosphoric acid, monoammonium salt	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
7757-82-6	Sulfuric acid, disodium salt	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
7757-93-9	Phosphoric acid, calcium salt (1:1)	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
7758-16-9	Diphosphoric acid, disodium salt	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
7758-29-4	Triphosphoric acid, pentasodium salt	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
7778-18-9	Sulfuric acid, calcium salt (1:1)	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)

7778-80-5	Sulfuric acid, dipotassium salt	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
7783-28-0	Phosphoric acid, diammonium salt	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
8001-23-8	Safflower oil	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
8001-26-1	Linseed oil	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
8001-78-3	Castor oil, hydrogenated	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
8001-79-4	Castor oil	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
8002-74-2	Paraffin waxes and hydrocarbon waxes	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
8042-47-5	White mineral oil, petroleum	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
9000-71-9	Caseins	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
9002-86-2	Ethene, chloro-, homopolymer	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
9002-88-4	Ethene, homopolymer	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
9002-89-5	Ethenol, homopolymer	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
9003-04-7	2-Propenoic acid, homopolymer, sodium salt	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
9003-18-3	2-Propenenitrile, polymer with 1,3-butadiene	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
9003-20-7	Acetic acid, ethenyl ester, homopolymer	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
9003-22-9	Acetic acid, ethenyl ester, copolymer with chloroethene	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)

9003-27-4	1-Propene, 2-methyl-, homopolymer	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
9003-28-5	1-Butene, homopolymer	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
9003-29-6	Butene, homopolymer	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
9003-53-6	Benzene, ethenyl-, homopolymer	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
9004-32-4	Cellulose, carboxymethyl ether, sodium salt	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
9004-34-6	Cellulose	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
9004-36-8	Cellulose, acetate butanoate	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
9004-53-9	Dextrin	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
9004-62-0	Cellulose, 2-hydroxyethyl ether	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
9004-70-0	Cellulose, nitrate	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
9005-25-8	Starch	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
9005-38-3	Alginic acid, sodium salt	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
9005-84-9	Amylodextrin	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
9006-04-6	Natural rubber	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
9010-77-9	2-Propenoic acid, polymer with ethene	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
9016-00-6	Poly[oxy(dimethylsilylene)]	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)

9032-42-2	Cellulose, 2-hydroxyethyl methyl ether	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
10034-99-8	Sulfuric acid, magnesium salt, heptahydrate	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
10035-04-8	Calcium chloride, dihydrate	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
10101-41-4	Sulfuric acid, calcium salt, dihydrate	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
12168-85-3	Calcium oxide silicate (Ca3O(SiO4))	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
14168-73-1	Sulfuric acid, magnesium salt (1:1), monohydrate	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
16389-88-1	Dolomite (CaMg(CO3)2)	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
24937-78-8	Acetic acid, ethenyl ester, copolymer with ethene	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
25085-02-3	2-Propenoic acid, sodium salt, polymer with 2-propenamide	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
25101-28-4	2-Propenoic acid, 2-methyl-, methyl ester, polymer with 1,3-butadiene, butyl 2-propenoate and ethenylbenzene	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
25213-24-5	Acetic acid, ethenyl ester, polymer with ethenol	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
25322-99-0	2-Propenoic acid, 2-methyl-, butyl ester, polymer with butyl 2-propenoate and methyl 2-methyl-2-propenoate	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
25496-72-4	9-Octadecenoic acid, monoester with 1,2,3-propanetriol, (Z)-	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
25852-37-3	2-Propenoic acid, 2-methyl-, methyl ester, polymer with butyl 2-propenoate	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
26813-14-9	1,3-Pentadiene, polymer with 2-methyl-2-butene	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)

27136-15-8	2-Propenoic acid, 2-methyl-, methyl ester, polymer with butyl 2-propenoate and ethenylbenzene	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
27965-85-1	2-Propenoic acid, 2-methyl-, methyl ester, polymer with 1,3-butadiene, ethenylbenzene and ethyl 2-propenoate	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
29497-08-3	2-Propenoic acid, butyl ester, polymer with 1,1-dimethylethyl 2-propenoate and ethenylbenzene	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
31566-31-1	Octadecanoic acid, monoester with 1,2,3-propanetriol	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
52624-57-4	Oxirane, methyl-, polymer with oxirane, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1)	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
57455-37-5	C.I. Pigment Blue 29	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
58205-99-5	Oxirane, methyl-, polymer with oxirane, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1)	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
61789-44-4	Fatty acids, castor oil	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
61790-53-2	Diatomaceous silica, calcined	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
63231-67-4	Silica gel	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
64754-90-1	Ethene, homopolymer, chlorinated	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
65996-61-4	Pulp, cellulose	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
65997-15-1	Cement, portland, chemicals	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
65997-16-2	Cement, alumina, chemicals	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
65997-18-4	Frits, chemicals	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
66071-86-1	Soybean oil, polymer with isophthalic acid and pentaerythritol	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)

67701-01-3	Fatty acids, C12-18	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
67701-03-5	Fatty acids, C16-18	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
67701-08-0	Fatty acids, C16-18 and C18-unsaturated	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
67701-11-5	Fatty acids, C14-18 and C16-18-unsaturated, sodium salts	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
67762-94-1	Siloxanes and silicones, dimethyl, methyl vinyl	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
68002-19-7	Urea, polymer with formaldehyde, butylated	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
68037-01-4	1-Decene, homopolymer, hydrogenated	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
68424-61-3	Glycerides, C16-18 and C18-unsaturated, mono- and di-	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
68441-17-8	Ethene, homopolymer, oxidized	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
68442-33-1	1-Propene, homopolymer, chlorinated	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
68476-25-5	Feldspar, group minerals	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
68648-24-8	Fatty acids, vegetable oil, unsaturated	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
68648-89-5	Benzene, ethenyl-, polymer with 2-methyl-1,3-butadiene, hydrogenated	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
68956-68-3	Oils, vegetable	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
68957-96-0	Cellulose, 2-hydroxyethyl ether, polymer with ethanedial	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
68989-22-0	Zeolites, NaA	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)

69430-47-3	Siloxanes and silicones, dimethyl, reaction products with methyl hydrogen siloxanes and 1,1,3,3-tetramethyldisiloxane	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
70131-67-8	Siloxanes and silicones, dimethyl, hydroxy terminated	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
70879-60-6	2-Propenoic acid, 2-methyl-, polymers with ethyl acrylate and polyethylene glycol monomethacrylate C16-18-alkyl ethers	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
70900-21-9	Siloxanes and silicones, dimethyl hydrogen terminated	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
93763-70-3	Perlite, expanded	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
103651-02-1	2-Propenoic acid, 2-methyl-, butyl ester, polymers with acrylonitrile, (butylated formaldehyde, melamine polymer), 2-hydroxypropyl methacrylate, methyl methacrylate and styrene	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
112926-00-8	Silica gel, precipitated, crystalline free	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
112945-52-5	Silica, amorphous, fumed, crystalline free	Chemical identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)
118539-59-6	9-Octadecenoic acid, 12-hydroxy-, [R-(Z)]-, homopolymer, ester with .alpha.-2-naphthalenyl-.omega.-hydroxypoly(oxy-1,2-ethanediyl)	Polymer identified as low concern to human health by application of expert validated rules	Tier I – Human health (Final)