

Thursday, November 19, 2024

Subject: Restrictions of Hazard Substances (RoHS), Substances of Very High Concern (SVHC) and other environmentally restricted substance Compliance Certificate.

Dear Valued Customer,

REC Silicon certifies that the attached listed product(s) supplied to you by REC Silicon from either of the below manufacturing locations do not exceed the concentration limits set forth herein for such listed substances as required by the respective listed regulations, except as where noted in the attached tables.

Additionally, REC Silicon certifies that this product does not contain Silicon having an isotopic impurities less than 0.08% silicon isotopes other than silicon-28 or silicon-30. The raw material used in the manufacture of this product is of natural abundance with Si-29 isotopic concentrations greater than 0.08%.

This certificate applies to all REC Silicon products produced after January 1, 2022. If any listed chemicals are found in REC Products that exceed the allowed concentrations, REC will notify effective customers within 90 days. Copies of this letter are available at www.recsilicon.com.

REC Silicon Products:

- Silicon
- Silane
- Dichlorosilane
- Monochlorosilane
- Disilane

Manufacturing Locations:

REC Solar Grade Silicon LLC
3322 Road N NE
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Phone: +1 509 765 2106
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European Chemicals Agency (ECHA) Candidate List of substances of very high concern for Authorisation
Candidate List of SVHC for authorisation (published in accordance with Article 59(10) of the REACH Regulation)
Note: Group entries are split in different rows.

Source: <https://echa.europa.eu/candidate-list-table>

Date of Last Update to List: 11/27/2024

Substance name	Description	A-RMS-05-03-103 ref.	EC No.	CAS No.	Date of inclusion	Limit	notes from
1,2,5,6,9,10-hexabromocyclododecane		B-1	221-695-9	3194-55-6	10/28/2008	0.1% by weight (w/w)	
4,4'- Diaminodiphenylmethane (MDA)		B-1	202-974-4	101-77-9	10/28/2008	0.1% by weight (w/w)	
5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)		B-1	201-329-4	81-15-2	10/28/2008	0.1% by weight (w/w)	
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)		A14, B-1	287-476-5	85535-84-8	10/28/2008	0.1% by weight (w/w)	
alpha-hexabromocyclododecane		B-1	-	134237-50-6	10/28/2008	0.1% by weight (w/w)	
Anthracene		B-1	204-371-1	120-12-7	10/28/2008	0.1% by weight (w/w)	
Benzyl butyl phthalate (BBP)		A19, B-1	201-622-7	85-68-7	10/28/2008	0.1% by weight (w/w)	
beta-hexabromocyclododecane		B-1	-	134237-51-7	10/28/2008	0.1% by weight (w/w)	
Bis (2-ethylhexyl)phthalate (DEHP)		A18, B-1	204-211-0	117-81-7	10/28/2008	0.1% by weight (w/w)	
Bis(tributyltin) oxide (TBTO)	Trisubstituted organotin compounds (including tributyltin (TBT) compounds and triphenyltin (TPT) compounds)	A15, B-1	200-268-0	56-35-9	10/28/2008	0.1% by weight (w/w)	
Cobalt dichloride		B-1	231-589-4	7646-79-9	10/28/2008	0.1% by weight (w/w)	
Diarsenic pentaoxide		B-1	215-116-9	1303-28-2	10/28/2008	0.1% by weight (w/w)	
Diarsenic trioxide		B-1	215-481-4	1327-53-3	10/28/2008	0.1% by weight (w/w)	
Dibutyl phthalate (DBP)		A20, B-1	201-557-4	84-74-2	10/28/2008	0.1% by weight (w/w)	
gamma-hexabromocyclododecane		B-1	-	134237-52-8	10/28/2008	0.1% by weight (w/w)	
Hexabromocyclododecane		B-1	247-148-4	25637-99-4	10/28/2008	0.1% by weight (w/w)	
Hexabromocyclododecane (HBCDD)	and all major diastereoisomers identified	B-1	-	-	10/28/2008	0.1% by weight (w/w)	
Lead hydrogen arsenate		B-1	232-064-2	7784-40-9	10/28/2008	0.1% by weight (w/w)	
Sodium dichromate		B-1	234-190-3	10588-01-9, 7789-12-0	10/28/2008	0.1% by weight (w/w)	
Triethyl arsenate		B-1	427-700-2	15606-95-8	10/28/2008	0.1% by weight (w/w)	
2,4-dinitrotoluene		B-1	204-450-0	121-14-2	13-Jan-10	0.1% by weight (w/w)	
Anthracene oil		B-1	292-602-7	90640-80-5	13-Jan-10	0.1% by weight (w/w)	
Anthracene oil, anthracene paste		B-1	292-603-2	90640-81-6	13-Jan-10	0.1% by weight (w/w)	
Anthracene oil, anthracene paste, anthracene fraction		B-1	295-275-9	91995-15-2	13-Jan-10	0.1% by weight (w/w)	
Anthracene oil, anthracene paste, distn. lights		B-1	295-278-5	91995-17-4	13-Jan-10	0.1% by weight (w/w)	
Anthracene oil, anthracene-low		B-1	292-604-8	90640-82-7	13-Jan-10	0.1% by weight (w/w)	
Diisobutyl phthalate (DIBP)		A21, B-1	201-553-2	84-69-5	13-Jan-10	0.1% by weight (w/w)	
Lead chromate		B-1	231-846-0	7758-97-6	13-Jan-10	0.1% by weight (w/w)	
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)		B-1	235-759-9	12656-85-8	13-Jan-10	0.1% by weight (w/w)	
Lead sulfochromate yellow (C.I. Pigment Yellow 34)		B-1	215-693-7	1344-37-2	13-Jan-10	0.1% by weight (w/w)	
Pitch, coal tar, high-temp.		B-1	266-028-2	65996-93-2	13-Jan-10	0.1% by weight (w/w)	
Tris(2-chloroethyl) phosphate		B-1	204-118-5	115-96-8	13-Jan-10	0.1% by weight (w/w)	
Acrylamide		B-1	201-173-7	79-06-1	3/30/2010	0.1% by weight (w/w)	
Ammonium dichromate		B-1	232-143-1	7789-09-5	18-Jun-10	0.1% by weight (w/w)	
Boric acid	EC No. 233-139-2 and EC No. 234-343-4	B-1	-	-	18-Jun-10	0.1% by weight (w/w)	
Boric acid		B-1	233-139-2	10043-35-3	18-Jun-10	0.1% by weight (w/w)	
Boric acid, crude natural		B-1	234-343-4	11113-50-1	18-Jun-10	0.1% by weight (w/w)	
Disodium tetraborate, anhydrous		B-1	215-540-4	12179-04-3, 1303-96-4, 1330-43-4	18-Jun-10	0.1% by weight (w/w)	
Potassium chromate		B-1	232-140-5	7789-00-6	18-Jun-10	0.1% by weight (w/w)	
Potassium dichromate		B-1	231-906-6	7778-50-9	18-Jun-10	0.1% by weight (w/w)	
Sodium chromate		B-1	231-889-5	7775-11-3	18-Jun-10	0.1% by weight (w/w)	
Tetraboron disodium heptaoxide, hydrate		B-1	235-541-3	12267-73-1	18-Jun-10	0.1% by weight (w/w)	
Trichloroethylene		A17, B-1	201-167-4	79-01-6	18-Jun-10	0.1% by weight (w/w)	
2-ethoxyethanol		B-1	203-804-1	110-80-5	15-Dec-10	0.1% by weight (w/w)	
2-methoxyethanol		B-1	203-713-7	109-86-4	15-Dec-10	0.1% by weight (w/w)	
Acids generated from chromium trioxide and their oligomers		B-1	-	-	15-Dec-10	0.1% by weight (w/w)	
Chromic acid		B-1	231-801-5	7738-94-5	15-Dec-10	0.1% by weight (w/w)	
Chromium trioxide		B-1	215-607-8	1333-82-0	15-Dec-10	0.1% by weight (w/w)	
Cobalt(II) carbonate		B-1	208-169-4	513-79-1	15-Dec-10	0.1% by weight (w/w)	
Cobalt(II) diacetate		B-1	200-755-8	71-48-7	15-Dec-10	0.1% by weight (w/w)	
Cobalt(II) dinitrate		B-1	233-402-1	10141-05-6	15-Dec-10	0.1% by weight (w/w)	
Cobalt(II) sulphate		B-1	233-334-2	10124-43-3	15-Dec-10	0.1% by weight (w/w)	
Dichromic acid		B-1	236-881-5	13530-68-2	15-Dec-10	0.1% by weight (w/w)	
Oligomers of chromic acid and dichromic acid		B-1	-	-	15-Dec-10	0.1% by weight (w/w)	
1,2,3-trichloropropane		B-1	202-486-1	96-18-4	20-Jun-11	0.1% by weight (w/w)	
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich		B-1	276-158-1	71888-89-6	20-Jun-11	0.1% by weight (w/w)	
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters		B-1	271-084-6	68515-42-4	20-Jun-11	0.1% by weight (w/w)	
1-Methyl-2-pyrrolidone (NMP)		B-1	212-828-1	872-50-4	20-Jun-11	0.1% by weight (w/w)	
2-ethoxyethyl acetate		B-1	203-839-2	111-15-9	20-Jun-11	0.1% by weight (w/w)	
Hydrazine		B-1	206-114-9	302-01-2, 7803-57-8	20-Jun-11	0.1% by weight (w/w)	
Strontium chromate		B-1	232-142-6	7789-06-2	20-Jun-11	0.1% by weight (w/w)	
1,2-dichloroethane		B-1	203-458-1	107-06-2	19-Dec-11	0.1% by weight (w/w)	
2,2'-dichloro-4,4'-methylenedianiline		B-1	202-918-9	101-14-4	19-Dec-11	0.1% by weight (w/w)	
2-Methoxyaniline, o-Anisidine		B-1	201-963-1	90-04-0	19-Dec-11	0.1% by weight (w/w)	
4-(1,1,3,3-tetramethylbutyl)phenol		B-1	205-426-2	140-66-9	19-Dec-11	0.1% by weight (w/w)	

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Substance name	Description	A-RMS-05-03-103 ref.	EC No.	CAS No.	Date of inclusion	Limit	notes from
Aluminosilicate Refractory Ceramic Fibres	are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm) c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight	B-1	-	-	19-Dec-11	0.1% by weight (w/w)	
Arsenic acid		B-1	231-901-9	7778-39-4	19-Dec-11	0.1% by weight (w/w)	
Bis(2-methoxyethyl) ether		B-1	203-924-4	111-96-6	19-Dec-11	0.1% by weight (w/w)	
Bis(2-methoxyethyl) phthalate		B-1	204-212-6	117-82-8	19-Dec-11	0.1% by weight (w/w)	
Calcium arsenate		B-1	231-904-5	7778-44-1	19-Dec-11	0.1% by weight (w/w)	
Dichromium tris(chromate)		B-1	246-356-2	24613-89-6	19-Dec-11	0.1% by weight (w/w)	
Formaldehyde, oligomeric reaction products with aniline		B-1	500-036-1	25214-70-4	19-Dec-11	0.1% by weight (w/w)	
Lead diazide, Lead azide		B-1	236-542-1	13424-46-9	19-Dec-11	0.1% by weight (w/w)	
Lead dipicrate		B-1	229-335-2	6477-64-1	19-Dec-11	0.1% by weight (w/w)	
Lead styphnate		B-1	239-290-0	15245-44-0	19-Dec-11	0.1% by weight (w/w)	
N,N-dimethylacetamide		B-1	204-826-4	127-19-5	19-Dec-11	0.1% by weight (w/w)	
Pentazinc chromate octahydroxide		B-1	256-418-0	49663-84-5	19-Dec-11	0.1% by weight (w/w)	
Phenolphthalein		B-1	201-004-7	77-09-8	19-Dec-11	0.1% by weight (w/w)	
Potassium hydroxyoctaoxodizincdichromate		B-1	234-329-8	11103-86-9	19-Dec-11	0.1% by weight (w/w)	
Refractories, fibers, aluminosilicate		B-1	-	142844-00-6	19-Dec-11	0.1% by weight (w/w)	
Refractories, fibers, aluminosilicate		B-1	-	142844-00-6	19-Dec-11	0.1% by weight (w/w)	
Trilead diarsenate		B-1	222-979-5	3687-31-8	19-Dec-11	0.1% by weight (w/w)	
Zirconia Aluminosilicate Refractory Ceramic Fibres	are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm). c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight	B-1	-	-	19-Dec-11	0.1% by weight (w/w)	
[4-[[4-anilino-1-naphthyl]]4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)	B-1	219-943-6	2580-56-5	18-Jun-12	0.1% by weight (w/w)	
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)	B-1	208-953-6	548-62-9	18-Jun-12	0.1% by weight (w/w)	
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)		B-1	203-794-9	110-71-4	18-Jun-12	0.1% by weight (w/w)	
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)		B-1	203-977-3	112-49-2	18-Jun-12	0.1% by weight (w/w)	
1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazine-2,4,6-trione (TGIC)		B-1	219-514-3	2451-62-9	18-Jun-12	0.1% by weight (w/w)	
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)		B-1	423-400-0	59653-74-6	18-Jun-12	0.1% by weight (w/w)	
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)	B-1	209-218-2	561-41-1	18-Jun-12	0.1% by weight (w/w)	
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)		B-1	202-027-5	90-94-8	18-Jun-12	0.1% by weight (w/w)	
Diboron trioxide		B-1	215-125-8	1303-86-2	18-Jun-12	0.1% by weight (w/w)	
Formamide		B-1	200-842-0	75-12-7	18-Jun-12	0.1% by weight (w/w)	
Lead(II) bis(methanesulfonate)		B-1	401-750-5	17570-76-2	18-Jun-12	0.1% by weight (w/w)	
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)		B-1	202-959-2	101-61-1	18-Jun-12	0.1% by weight (w/w)	
α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)	B-1	229-851-8	6786-83-0	18-Jun-12	0.1% by weight (w/w)	
[Phthalato(2-)]dioxotrilead		B-1	273-688-5	69011-06-9	19-Dec-12	0.1% by weight (w/w)	
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear		B-1	284-032-2	84777-06-0	19-Dec-12	0.1% by weight (w/w)	
1,2-dithoxyethane		B-1	211-076-1	629-14-1	19-Dec-12	0.1% by weight (w/w)	
1-bromopropane (n-propyl bromide)		B-1	203-445-0	106-94-5	19-Dec-12	0.1% by weight (w/w)	

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2-[2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]ethanol		B-1	-	2315-61-9	19-Dec-12	0.1% by weight (w/w)	
2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethanol		B-1	-	2315-67-5	19-Dec-12	0.1% by weight (w/w)	
20-[4-(1,1,3,3-tetramethylbutyl)phenoxy]-3,6,9,12,15,18-hexaoxaicosan-1-ol		B-1	219-682-8	2497-59-8	19-Dec-12	0.1% by weight (w/w)	
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	ZOLDINE MS-PLUS	B-1	421-150-7	143860-04-2	19-Dec-12	0.1% by weight (w/w)	
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	covering well-defined substances and UVCB substances, polymers and homologues	B-1	-	-	19-Dec-12	0.1% by weight (w/w)	
4-(1,1,5-Trimethylhexyl)phenol		B-1	-	521947-27-3	19-Dec-12	0.1% by weight (w/w)	
4-(1-Ethyl-1,3-dimethylpentyl)phenol		B-1	-	186825-36-5	19-Dec-12	0.1% by weight (w/w)	
4-(1-Ethyl-1,4-dimethylpentyl)phenol		B-1	-	142731-63-3	19-Dec-12	0.1% by weight (w/w)	
4-(1-ethyl-1-methylhexyl)phenol		B-1	257-907-1	52427-13-1	19-Dec-12	0.1% by weight (w/w)	
4-(3-ethylheptan-2-yl)phenol		B-1	-	186825-39-8	19-Dec-12	0.1% by weight (w/w)	
4,4'-methylenedi-o-toluidine		B-1	212-658-8	838-88-0	19-Dec-12	0.1% by weight (w/w)	
4,4'-oxydianiline		B-1	202-977-0	101-80-4	19-Dec-12	0.1% by weight (w/w)	
4,4'-oxydianiline and its salts		B-1	-	-	19-Dec-12	0.1% by weight (w/w)	
4-aminoazobenzene		B-1	200-453-6	60-09-3	19-Dec-12	0.1% by weight (w/w)	
4-methyl-m-phenylenediamine (toluene-2,4-diamine)		B-1	202-453-1	95-80-7	19-Dec-12	0.1% by weight (w/w)	
	substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	B-1	-	-	19-Dec-12	0.1% by weight (w/w)	
4-Nonylphenol, branched and linear		B-1	-	-			
6-methoxy-m-toluidine (p-cresidine)		B-1	204-419-1	120-71-8	19-Dec-12	0.1% by weight (w/w)	
Acetic acid, lead salt, basic		B-1	257-175-3	51404-69-4	19-Dec-12	0.1% by weight (w/w)	
Biphenyl-4-ylamine		B-1	202-177-1	92-67-1	19-Dec-12	0.1% by weight (w/w)	
Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)		B-1	214-604-9	1163-19-5	19-Dec-12	0.1% by weight (w/w)	
cis-cyclohexane-1,2-dicarboxylic anhydride		B-1	236-086-3	13149-00-3	19-Dec-12	0.1% by weight (w/w)	
Cyclohexane-1,2-dicarboxylic anhydride	all possible combinations of the cis- and trans-isomers	B-1	-	-	19-Dec-12	0.1% by weight (w/w)	
Cyclohexane-1,2-dicarboxylic anhydride		B-1	201-604-9	85-42-7	19-Dec-12	0.1% by weight (w/w)	
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)		B-1	204-650-8	123-77-3	19-Dec-12	0.1% by weight (w/w)	
Dibutyltin dichloride (DBTC)		B-1	211-670-0	683-18-1	19-Dec-12	0.1% by weight (w/w)	
Diethyl sulphate		B-1	200-589-6	64-67-5	19-Dec-12	0.1% by weight (w/w)	
Diisopentyl phthalate		B-1	210-088-4	605-50-5	19-Dec-12	0.1% by weight (w/w)	
Dimethyl sulphate		B-1	201-058-1	77-78-1	19-Dec-12	0.1% by weight (w/w)	
Dinoseb (6-sec-butyl-2,4-dinitrophenol)		B-1	201-861-7	88-85-7	19-Dec-12	0.1% by weight (w/w)	
Dioxobis(stearato)trilead		B-1	235-702-8	12578-12-0	19-Dec-12	0.1% by weight (w/w)	
Fatty acids, C16-18, lead salts		B-1	292-966-7	91031-62-8	19-Dec-12	0.1% by weight (w/w)	
Furan		B-1	203-727-3	110-00-9	19-Dec-12	0.1% by weight (w/w)	
Henicosafuoroundecanoic acid		B-1	218-165-4	2058-94-8	19-Dec-12	0.1% by weight (w/w)	
Heptacosafuorotetradecanoic acid		B-1	206-803-4	376-06-7	19-Dec-12	0.1% by weight (w/w)	
Hexahydro-1-methylphthalic anhydride		B-1	256-356-4	48122-14-1	19-Dec-12	0.1% by weight (w/w)	
Hexahydro-3-methylphthalic anhydride		B-1	260-566-1	57110-29-9	19-Dec-12	0.1% by weight (w/w)	
Hexahydro-4-methylphthalic anhydride		B-1	243-072-0	19438-60-9	19-Dec-12	0.1% by weight (w/w)	
Hexahydromethylphthalic anhydride	including cis- and trans- stereo isomeric forms and all possible combinations of the isomers	B-1	-	-	19-Dec-12	0.1% by weight (w/w)	
Hexahydromethylphthalic anhydride		B-1	247-094-1	25550-51-0	19-Dec-12	0.1% by weight (w/w)	
Isononylphenol		B-1	234-284-4	11066-49-2	19-Dec-12	0.1% by weight (w/w)	
Lead bis(tetrafluoroborate)		B-1	237-486-0	13814-96-5	19-Dec-12	0.1% by weight (w/w)	
Lead cyanamidate		B-1	244-073-9	20837-86-9	19-Dec-12	0.1% by weight (w/w)	
Lead dinitrate		B-1	233-245-9	10099-74-8	19-Dec-12	0.1% by weight (w/w)	
Lead monoxide (lead oxide)		B-1	215-267-0	1317-36-8	19-Dec-12	0.1% by weight (w/w)	
Lead oxide sulfate		B-1	234-853-7	12036-76-9	19-Dec-12	0.1% by weight (w/w)	
Lead titanium trioxide		B-1	235-038-9	12060-00-3	19-Dec-12	0.1% by weight (w/w)	
Lead titanium zirconium oxide		B-1	235-727-4	12626-81-2	19-Dec-12	0.1% by weight (w/w)	
Methoxyacetic acid		B-1	210-894-6	625-45-6	19-Dec-12	0.1% by weight (w/w)	
Methylloxirane (Propylene oxide)		B-1	200-879-2	75-56-9	19-Dec-12	0.1% by weight (w/w)	
N,N-dimethylformamide		B-1	200-679-5	68-12-2	19-Dec-12	0.1% by weight (w/w)	
N-methylacetamide		B-1	201-182-6	79-16-3	19-Dec-12	0.1% by weight (w/w)	
Nonylphenol		B-1	246-672-0	25154-52-3	19-Dec-12	0.1% by weight (w/w)	
n-pentyl-isopentyl phthalate		B-1	-	776297-69-9	19-Dec-12	0.1% by weight (w/w)	
o-aminoazotoluene		B-1	202-591-2	97-56-3	19-Dec-12	0.1% by weight (w/w)	
Orange lead (lead tetroxide)		B-1	215-235-6	1314-41-6	19-Dec-12	0.1% by weight (w/w)	
o-toluidine		B-1	202-429-0	95-53-4	19-Dec-12	0.1% by weight (w/w)	
p-(1,1-dimethylheptyl)phenol		B-1	250-339-5	30784-30-6	19-Dec-12	0.1% by weight (w/w)	
p-(1-methyloctyl)phenol		B-1	241-427-4	17404-66-9	19-Dec-12	0.1% by weight (w/w)	
Pentacosafuorotridecanoic acid		B-1	276-745-2	72629-94-8	19-Dec-12	0.1% by weight (w/w)	
Pentalead tetraoxide sulphate		B-1	235-067-7	12065-90-6	19-Dec-12	0.1% by weight (w/w)	
Phenol, 4-nonyl-, branched		B-1	284-325-5	84852-15-3	19-Dec-12	0.1% by weight (w/w)	
Phenol, nonyl-, branched		B-1	291-844-0	90481-04-2	19-Dec-12	0.1% by weight (w/w)	
p-isononylphenol		B-1	247-770-6	26543-97-5	19-Dec-12	0.1% by weight (w/w)	
p-nonylphenol		B-1	203-199-4	104-40-5	19-Dec-12	0.1% by weight (w/w)	
Poly(oxy-1,2-ethanediyl), α-[(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy-		B-1	-	9036-19-5	19-Dec-12	0.1% by weight (w/w)	
Polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenyl ether		B-1	-	9002-93-1	19-Dec-12	0.1% by weight (w/w)	
Pyrochlore, antimony lead yellow		B-1	232-382-1	8012-00-8	19-Dec-12	0.1% by weight (w/w)	

European Chemicals Agency (ECHA) Candidate List of substances of very high concern for Authorisation
Candidate List of SVHC for authorisation (published in accordance with Article 59(10) of the REACH Regulation)
Note: Group entries are split in different rows.

Source: <https://echa.europa.eu/candidate-list-table>

Date of Last Update to List: 11/27/2024

Substance name	Description	A-RMS-05-03-103 ref.	EC No.	CAS No.	Date of inclusion	Limit	notes from
	with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD),the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008				19-Dec-12	0.1% by weight (w/w)	
Sillicic acid (H2Si2O5), barium salt (1:1), lead-doped		B-1	272-271-5	68784-75-8			
Sillicic acid, lead salt		B-1	234-363-3	11120-22-2	19-Dec-12	0.1% by weight (w/w)	
Sulfurous acid, lead salt, dibasic		B-1	263-467-1	62229-08-7	19-Dec-12	0.1% by weight (w/w)	
Tetraethyllead		B-1	201-075-4	78-00-2	19-Dec-12	0.1% by weight (w/w)	
Tetralead trioxide sulphate		B-1	235-380-9	12202-17-4	19-Dec-12	0.1% by weight (w/w)	
trans-cyclohexane-1,2-dicarboxylic anhydride		B-1	238-009-9	14166-21-3	19-Dec-12	0.1% by weight (w/w)	
Tricosafluorododecanoic acid		B-1	206-203-2	307-55-1	19-Dec-12	0.1% by weight (w/w)	
Trilead bis(carbonate) dihydroxide		B-1	215-290-6	1319-46-6	19-Dec-12	0.1% by weight (w/w)	
Trilead dioxide phosphonate		B-1	235-252-2	12141-20-7	19-Dec-12	0.1% by weight (w/w)	
14-(nonylphenoxy)-3,6,9,12-tetraoxatetradecan-1-ol		B-1	247-555-7	26264-02-8	20-Jun-13	0.1% by weight (w/w)	
17-(4-nonylphenoxy)-3,6,9,12,15-pentaaxaheptadecan-1-ol		B-1	-	34166-38-6	20-Jun-13	0.1% by weight (w/w)	
2-(4-nonylphenoxy)ethanol		B-1	-	104-35-8	20-Jun-13	0.1% by weight (w/w)	
2-(isononylphenoxy)ethanol		B-1	284-987-5	85005-55-6	20-Jun-13	0.1% by weight (w/w)	
2-(nonylphenoxy)ethanol		B-1	248-762-5	27986-36-3	20-Jun-13	0.1% by weight (w/w)	
2-[2-(4-nonylphenoxy)ethoxy]ethanol		B-1	243-816-4	20427-84-3	20-Jun-13	0.1% by weight (w/w)	
2-[2-(nonylphenoxy)ethoxy]ethanol		B-1	248-291-5	27176-93-8	20-Jun-13	0.1% by weight (w/w)	
2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]ethanol		B-1	230-770-5	7311-27-5	20-Jun-13	0.1% by weight (w/w)	
2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethanol		B-1	-	1119449-37-4	20-Jun-13	0.1% by weight (w/w)	
2-[2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethoxy]ethanol		B-1	-	1119449-38-5	20-Jun-13	0.1% by weight (w/w)	
20-(4-nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol		B-1	248-743-1	27942-27-4	20-Jun-13	0.1% by weight (w/w)	
20-(isononylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol		B-1	265-785-6	65455-69-8	20-Jun-13	0.1% by weight (w/w)	
20-(nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol		B-1	248-292-0	27177-03-3	20-Jun-13	0.1% by weight (w/w)	
23-(nonylphenoxy)-3,6,9,12,15,18,21-heptaaxatricosan-1-ol		B-1	248-293-6	27177-05-5	20-Jun-13	0.1% by weight (w/w)	
26-(4-Nonylphenoxy)-3,6,9,12,15,18,21,24-octaaxahexacosan-1-ol		B-1	-	14409-72-4	20-Jun-13	0.1% by weight (w/w)	
26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaaxahexacosan-1-ol		B-1	255-695-5	42173-90-0	20-Jun-13	0.1% by weight (w/w)	
26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaaxahexacosan-1-ol		B-1	247-816-5	26571-11-9	20-Jun-13	0.1% by weight (w/w)	
29-(nonylphenoxy)-3,6,9,12,15,18,21,24,27-nonaoxanonacosanol		B-1	248-294-1	27177-08-8	20-Jun-13	0.1% by weight (w/w)	
3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-		B-1	-	20636-48-0	20-Jun-13	0.1% by weight (w/w)	
3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-, branched		B-1	293-926-1	91648-64-5	20-Jun-13	0.1% by weight (w/w)	
44-(nonylphenoxy)-3,6,9,12,15,18,21,24,27,30,33,36,39,42-tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-, branched		B-1	260-678-0	57321-10-5	20-Jun-13	0.1% by weight (w/w)	
	substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof				20-Jun-13	0.1% by weight (w/w)	
4-Nonylphenol, branched and linear, ethoxylated		B-1	-	-			
4-Nonylphenol, branched, ethoxylated	1 - 2.5 moles ethoxylated	B-1	500-315-8	127087-87-0	20-Jun-13	0.1% by weight (w/w)	
4-Nonylphenol, branched, ethoxylated (CAS: 127087-87-0)		B-1	-	-	20-Jun-13	0.1% by weight (w/w)	
4-Nonylphenol, ethoxylated	1 - 2.5 moles ethoxylated	B-1	500-045-0	26027-38-3	20-Jun-13	0.1% by weight (w/w)	
4-t-Nonylphenol-diethoxylate		B-1	-	156609-10-8	20-Jun-13	0.1% by weight (w/w)	
Ammonium pentadecafluorooctanoate (APFO)		B-1	223-320-4	3825-26-1	20-Jun-13	0.1% by weight (w/w)	
Cadmium		B-1	231-152-8	7440-43-9	20-Jun-13	0.1% by weight (w/w)	
Cadmium oxide		B-1	215-146-2	1306-19-0	20-Jun-13	0.1% by weight (w/w)	
Dipentyl phthalate (DPP)		B-1	205-017-9	131-18-0	20-Jun-13	0.1% by weight (w/w)	
Isononylphenol, ethoxylated		B-1	-	37205-87-1	20-Jun-13	0.1% by weight (w/w)	
Nonylphenol, branched, ethoxylated	1 - 2.5 moles ethoxylated	B-1	500-209-1	68412-54-4	20-Jun-13	0.1% by weight (w/w)	
Nonylphenol, ethoxylated		B-1	500-024-6	9016-45-9	20-Jun-13	0.1% by weight (w/w)	
Nonylphenol, ethoxylated (10-EO)		B-1	-	9016-45-9	20-Jun-13	0.1% by weight (w/w)	
Nonylphenol, ethoxylated (15-EO)		B-1	-	9016-45-9	20-Jun-13	0.1% by weight (w/w)	
Nonylphenol, ethoxylated (6,5-EO)		B-1	-	9016-45-9	20-Jun-13	0.1% by weight (w/w)	
Nonylphenol, ethoxylated (8-EO)		B-1	-	9016-45-9	20-Jun-13	0.1% by weight (w/w)	
Nonylphenol, ethoxylated (EO = 10)		B-1	-	-	20-Jun-13	0.1% by weight (w/w)	
Nonylphenol, ethoxylated (EO = 4)		B-1	-	-	20-Jun-13	0.1% by weight (w/w)	
Nonylphenol, ethoxylated (polymer)		B-1	-	-	20-Jun-13	0.1% by weight (w/w)	
Nonylphenolpolyglycoether		B-1	-	-	20-Jun-13	0.1% by weight (w/w)	
Pentadecafluorooctanoic acid (PFOA)		B-1	206-397-9	335-67-1	20-Jun-13	0.1% by weight (w/w)	
Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy-, branched		B-1	-	68412-54-4	20-Jun-13	0.1% by weight (w/w)	
Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy-, branched		B-1	-	9016-45-9	20-Jun-13	0.1% by weight (w/w)	
Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy-, branched		B-1	-	68412-54-4	20-Jun-13	0.1% by weight (w/w)	
Cadmium sulphide		B-1	215-147-8	1306-23-6	16-Dec-13	0.1% by weight (w/w)	
Dihexyl phthalate		B-1	201-559-5	84-75-3	16-Dec-13	0.1% by weight (w/w)	
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)		B-1	209-358-4	573-58-0	16-Dec-13	0.1% by weight (w/w)	
Disodium 4-amino-3-[[4'-[[2,4-diaminophenyl]azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)		B-1	217-710-3	1937-37-7	16-Dec-13	0.1% by weight (w/w)	
Imidazolidine-2-thione (2-imidazoline-2-thiol)		B-1	202-506-9	96-45-7	16-Dec-13	0.1% by weight (w/w)	
Lead di(acetate)		B-1	206-104-4	301-04-2	16-Dec-13	0.1% by weight (w/w)	
Triethyl phosphate		B-1	246-677-8	25155-23-1	16-Dec-13	0.1% by weight (w/w)	

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Date of Last Update to List: 11/27/2024

Substance name	Description	A-RMS-05-03-103 ref.	EC No.	CAS No.	Date of inclusion	Limit	notes from
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear		B-1	271-093-5	68515-50-4	16-Jun-14	0.1% by weight (w/w)	
Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium (1:2)		B-1	-	90568-23-3	16-Jun-14	0.1% by weight (w/w)	
Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium, hydrate (1:2:6)		B-1	-	125022-34-6	16-Jun-14	0.1% by weight (w/w)	
Cadmium chloride		B-1	233-296-7	10108-64-2	16-Jun-14	0.1% by weight (w/w)	
Perboric acid (H3BO2(O2)), monosodium salt, trihydrate		B-1	-	13517-20-9	16-Jun-14	0.1% by weight (w/w)	
Perboric acid, sodium salt		B-1	234-390-0	11138-47-9	16-Jun-14	0.1% by weight (w/w)	
Sodium perborate		B-1	239-172-9	15120-21-5	16-Jun-14	0.1% by weight (w/w)	
Sodium perborate, perboric acid, sodium salt		B-1	-	-	16-Jun-14	0.1% by weight (w/w)	
Sodium peroxometaborate		B-1	231-556-4	7632-04-4	16-Jun-14	0.1% by weight (w/w)	
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)		B-1	247-384-8	25973-55-1	17-Dec-14	0.1% by weight (w/w)	
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)		B-1	223-346-6	3846-71-7	17-Dec-14	0.1% by weight (w/w)	
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)		B-1	239-622-4	15571-58-1	17-Dec-14	0.1% by weight (w/w)	
Cadmium fluoride		B-1	232-222-0	7790-79-6	17-Dec-14	0.1% by weight (w/w)	
Cadmium sulphate		B-1	233-331-6	10124-36-4, 31119-53-6	17-Dec-14	0.1% by weight (w/w)	
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)		B-1	-	-	17-Dec-14	0.1% by weight (w/w)	
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters		B-1	271-094-0	68515-51-5	15-Jun-15	0.1% by weight (w/w)	
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters	with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	B-1	-	-	15-Jun-15	0.1% by weight (w/w)	
1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters		B-1	272-013-1	68648-93-1	15-Jun-15	0.1% by weight (w/w)	
1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-		B-1	-	186309-28-4	15-Jun-15	0.1% by weight (w/w)	
1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-		B-1	-	117933-89-8	15-Jun-15	0.1% by weight (w/w)	
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-		B-1	-	676367-05-8	15-Jun-15	0.1% by weight (w/w)	
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-rel-		B-1	-	343934-04-3	15-Jun-15	0.1% by weight (w/w)	
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-		B-1	-	676367-09-2	15-Jun-15	0.1% by weight (w/w)	
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-rel-		B-1	-	343934-05-4	15-Jun-15	0.1% by weight (w/w)	
1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-		B-1	-	676367-04-7	15-Jun-15	0.1% by weight (w/w)	
1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-		B-1	-	676367-08-1	15-Jun-15	0.1% by weight (w/w)	
1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-		B-1	-	676367-03-6	15-Jun-15	0.1% by weight (w/w)	
1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-		B-1	-	676367-07-0	15-Jun-15	0.1% by weight (w/w)	
1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-		B-1	-	676367-02-5	15-Jun-15	0.1% by weight (w/w)	
1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-rel-		B-1	-	676367-06-9	15-Jun-15	0.1% by weight (w/w)	
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane		B-1	-	-	15-Jun-15	0.1% by weight (w/w)	
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2]	covering any of the individual stereoisomers of [1] and [2] or any combination thereof	B-1	-	-	15-Jun-15	0.1% by weight (w/w)	
5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane		B-1	-	-	15-Jun-15	0.1% by weight (w/w)	
Reaction mass of 5-[(2R)-butan-2-yl]-2-[(1R,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2R)-butan-2-yl]-2-[(1R,6R)-4,6-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1R,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,6R)-4,6-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane		B-1	-	-	15-Jun-15	0.1% by weight (w/w)	
Reaction mass of 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane and 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane		B-1	413-720-9	-	15-Jun-15	0.1% by weight (w/w)	
1,3-propanesultone		B-1	214-317-9	1120-71-4	17-Dec-15	0.1% by weight (w/w)	
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)		B-1	253-037-1	36437-37-3	17-Dec-15	0.1% by weight (w/w)	
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)		B-1	223-383-8	3864-99-1	17-Dec-15	0.1% by weight (w/w)	
Ammonium salts of perfluorononan-1-ol-acid		B-1	-	4149-60-4	17-Dec-15	0.1% by weight (w/w)	
Nitrobenzene		B-1	202-716-0	98-95-3	17-Dec-15	0.1% by weight (w/w)	
Perfluorononan-1-ol-acid		B-1	206-801-3	375-95-1	17-Dec-15	0.1% by weight (w/w)	
Perfluorononan-1-ol-acid and its sodium and ammonium salts		B-1	-	-	17-Dec-15	0.1% by weight (w/w)	
Sodium salts of perfluorononan-1-ol-acid		B-1	-	21049-39-8	17-Dec-15	0.1% by weight (w/w)	
Benzo[def]chrycene (Benzo[a]pyrene)		B-1	200-028-5	50-32-8	20-Jun-16	0.1% by weight (w/w)	
4-(2,2-dimethylpentan-3-yl)phenol		B-1	-	861010-65-3	12-Jan-17	0.1% by weight (w/w)	
4-(2,3,3-trimethylbutan-2-yl)phenol		B-1	-	72861-06-4	12-Jan-17	0.1% by weight (w/w)	
4-(2,3-dimethylpentan-2-yl)phenol		B-1	-	861011-60-1	12-Jan-17	0.1% by weight (w/w)	
4-(2,4-dimethylpentan-2-yl)phenol		B-1	-	33104-11-9	12-Jan-17	0.1% by weight (w/w)	
4-(2,4-dimethylpentan-3-yl)phenol		B-1	-	1824346-00-0	12-Jan-17	0.1% by weight (w/w)	
4-(2-methylhexan-2-yl)phenol		B-1	-	30784-31-7	12-Jan-17	0.1% by weight (w/w)	
4-(3,3-dimethylpentan-2-yl)phenol		B-1	-	911371-06-7	12-Jan-17	0.1% by weight (w/w)	
4-(3-ethylpentan-3-yl)phenol		B-1	-	37872-24-5	12-Jan-17	0.1% by weight (w/w)	
4-(3-ethylpentyl)phenol		B-1	-	911370-98-4	12-Jan-17	0.1% by weight (w/w)	
4-(3-methylhexan-2-yl)phenol		B-1	-	854904-93-1	12-Jan-17	0.1% by weight (w/w)	
4-(3-methylhexan-3-yl)phenol		B-1	-	30784-32-8	12-Jan-17	0.1% by weight (w/w)	
4-(3-methylhexyl)phenol		B-1	-	102570-52-5	12-Jan-17	0.1% by weight (w/w)	
4-(4,4-dimethylpentan-2-yl)phenol		B-1	-	911371-07-8	12-Jan-17	0.1% by weight (w/w)	

European Chemicals Agency (ECHA) Candidate List of substances of very high concern for Authorisation
Candidate List of SVHC for authorisation (published in accordance with Article 59(10) of the REACH Regulation)
Note: Group entries are split in different rows.

Source: <https://echa.europa.eu/candidate-list-table>

Date of Last Update to List: 11/27/2024

Substance name	Description	A-RMS-05-03-103 ref.	EC No.	CAS No.	Date of inclusion	Limit	notes from
4-(4-methylhexan-2-yl)phenol		B-1	-	71945-81-8	12-Jan-17	0.1% by weight (w/w)	
4-(4-methylhexyl)phenol		B-1	-	1139800-98-8	12-Jan-17	0.1% by weight (w/w)	
4-(5-methylhexan-2-yl)phenol		B-1	-	857629-71-1	12-Jan-17	0.1% by weight (w/w)	
4-(5-methylhexan-3-yl)phenol		B-1	-	854904-92-0	12-Jan-17	0.1% by weight (w/w)	
4-(5-methylhexyl)phenol		B-1	-	100532-36-3	12-Jan-17	0.1% by weight (w/w)	
4-(heptan-2-yl)phenol		B-1	-	6863-24-7	12-Jan-17	0.1% by weight (w/w)	
4-(heptan-3-yl)phenol		B-1	-	6465-74-3	12-Jan-17	0.1% by weight (w/w)	
4-(heptan-4-yl)phenol		B-1	-	6465-71-0	12-Jan-17	0.1% by weight (w/w)	
4,4'-isopropylidenediphenol	Bisphenol A; BPA	B-1	201-245-8	80-05-7	12-Jan-17	0.1% by weight (w/w)	
4-heptylphenol		B-1	217-862-0	1987-50-4	12-Jan-17	0.1% by weight (w/w)	
	substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	B-1	-	-	12-Jan-17	0.1% by weight (w/w)	
4-heptylphenol, branched and linear		B-1	-	-	-	-	
Ammonium nonadecafluorodecanoate		B-1	221-470-5	3108-42-7	12-Jan-17	0.1% by weight (w/w)	
Nonadecafluorodecanoic acid		B-1	206-400-3	335-76-2	12-Jan-17	0.1% by weight (w/w)	
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts		B-1	-	-	12-Jan-17	0.1% by weight (w/w)	
p-(1,1-dimethylpropyl)phenol		B-1	201-280-9	80-46-6	12-Jan-17	0.1% by weight (w/w)	
Phenol, 4-(1-ethyl-1,2-dimethylpropyl)-		B-1	-	30784-27-1	12-Jan-17	0.1% by weight (w/w)	
Phenol, 4-tert-heptyl-		B-1	-	288864-02-8	12-Jan-17	0.1% by weight (w/w)	
Phenol, heptyl derivs.		B-1	276-743-1	72624-02-3	12-Jan-17	0.1% by weight (w/w)	
sodium nonadecafluorodecanoate		B-1	-	3830-45-3	12-Jan-17	0.1% by weight (w/w)	
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1)		B-1	-	92011-17-1	7-Jul-17	0.1% by weight (w/w)	
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1)		B-1	-	72033-41-1	7-Jul-17	0.1% by weight (w/w)	
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. With pyrrolidine (1:1)		B-1	-	1187817-57-7	7-Jul-17	0.1% by weight (w/w)	
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with 2-methyl-2-propanamine (1:1)		B-1	-	202189-84-2	7-Jul-17	0.1% by weight (w/w)	
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9CI)		B-1	-	341035-71-0	7-Jul-17	0.1% by weight (w/w)	
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1)		B-1	-	55120-77-9	7-Jul-17	0.1% by weight (w/w)	
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1)		B-1	-	41184-65-0	7-Jul-17	0.1% by weight (w/w)	
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1)		B-1	-	350836-93-0	7-Jul-17	0.1% by weight (w/w)	
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt		B-1	-	82382-12-5	7-Jul-17	0.1% by weight (w/w)	
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, yttrium(3+) salt (3:1)		B-1	-	41242-12-0	7-Jul-17	0.1% by weight (w/w)	
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt		B-1	-	70136-72-0	7-Jul-17	0.1% by weight (w/w)	
ammonium perfluorohexane-1-sulphonate		B-1	269-511-6	68259-08-5	7-Jul-17	0.1% by weight (w/w)	
Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)		B-1	-	1329995-45-0	7-Jul-17	0.1% by weight (w/w)	
Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclopentadecinium, 19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)		B-1	-	928049-42-7	7-Jul-17	0.1% by weight (w/w)	
Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)		B-1	-	1310480-24-0	7-Jul-17	0.1% by weight (w/w)	
Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)		B-1	-	1329995-69-8	7-Jul-17	0.1% by weight (w/w)	
Iodonium, bis[1,1-dimethylethyl]phenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (9CI)		B-1	-	866621-50-3	7-Jul-17	0.1% by weight (w/w)	
Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)		B-1	-	213740-81-9	7-Jul-17	0.1% by weight (w/w)	
Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic		B-1	-	421555-74-0	7-Jul-17	0.1% by weight (w/w)	
Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)		B-1	-	153443-35-7	7-Jul-17	0.1% by weight (w/w)	
Methanaminium, N,N,N-trimethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)		B-1	-	189274-31-5	7-Jul-17	0.1% by weight (w/w)	
Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)		B-1	-	1310480-27-3	7-Jul-17	0.1% by weight (w/w)	
Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)		B-1	-	1310480-28-4	7-Jul-17	0.1% by weight (w/w)	
N,N,N-tributylbutan-1-aminium tridecafluorohexane-1-sulfonate		B-1	-	108427-54-9	7-Jul-17	0.1% by weight (w/w)	
N,N,N-triethylethanaminium tridecafluorohexane-1-sulfonate		B-1	-	108427-55-0	7-Jul-17	0.1% by weight (w/w)	
perfluorohexane-1-sulphonic acid		B-1	206-587-1	355-46-4	7-Jul-17	0.1% by weight (w/w)	
Perfluorohexane-1-sulphonic acid and its salts	PfHxS	B-1	-	-	7/7/2017	0.1% by weight (w/w)	
Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)		B-1	-	1000597-52-3	7-Jul-17	0.1% by weight (w/w)	

European Chemicals Agency (ECHA) Candidate List of substances of very high concern for Authorisation
Candidate List of SVHC for authorisation (published in accordance with Article 59(10) of the REACH Regulation)
Note: Group entries are split in different rows.

Source: <https://echa.europa.eu/candidate-list-table>

Date of Last Update to List: 11/27/2024

Substance name	Description	A-RMS-05-03-103 ref.	EC No.	CAS No.	Date of inclusion	Limit	notes from
potassium perfluorohexane-1-sulphonate		B-1	223-393-2	3871-99-6	7-Jul-17	0.1% by weight (w/w)	
Quinolinium, 1-(carboxymethyl)-4-[2-[4-(4-(2,2-diphenylethenyl)phenyl)-1,2,3,3a,4,8b-hexahydrocyclopent[b]indol-7-yl]ethenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-1-hexanesulphonate (1:1)		B-1	-	1462414-59-0	7-Jul-17	0.1% by weight (w/w)	
Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-1-hexanesulphonate (1:1)		B-1	-	910606-39-2	7-Jul-17	0.1% by weight (w/w)	
Sulfonium, (thiodi-4,1-phenylene)bis(diphenyl)-, salt with 1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-1-hexanesulfonic acid (1:2)		B-1	-	421555-73-9	7-Jul-17	0.1% by weight (w/w)	
Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-1-hexanesulphonate (1:1)		B-1	-	911027-68-4	7-Jul-17	0.1% by weight (w/w)	
Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-1-hexanesulfonic acid (1:1), polymer with 2-ethyltricyclo[3.3.1.1 ^{3,7}]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1 ^{3,7}]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate		B-1	-	911027-69-5	7-Jul-17	0.1% by weight (w/w)	
Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-1-hexanesulphonate (1:1)		B-1	-	341548-85-4	7-Jul-17	0.1% by weight (w/w)	
Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-1-hexanesulphonate (1:1)		B-1	-	144116-10-9	7-Jul-17	0.1% by weight (w/w)	
Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-1-hexanesulphonate (1:1)		B-1	-	425670-70-8	7-Jul-17	0.1% by weight (w/w)	
tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)		B-1	274-462-9	70225-16-0	7-Jul-17	0.1% by weight (w/w)	
(1S,2S,5R,6R,9S,10S,13R,14R)-1,6,7,8,9,14,15,16,17,18,18-Dodecachloropentacyclo[12.2.1.1 ^{4,9} .0 ^{3,10} .0 ^{6,8} .0 ^{5,10}]octadeca-7,15-diene		B-1	-	135821-03-3	15-Jan-18	0.1% by weight (w/w)	
(1S,2S,5S,6S,9R,10R,13R,14R)-1,6,7,8,9,14,15,16,17,18,18-Dodecachloropentacyclo[12.2.1.1 ^{4,9} .0 ^{3,10} .0 ^{6,8} .0 ^{5,10}]octadeca-7,15-diene		B-1	-	135821-74-8	15-Jan-18	0.1% by weight (w/w)	
dodecachloropentacyclo[12.2.1.1 ^{4,9} .0 ^{3,10} .0 ^{6,8} .0 ^{5,10}]octadeca-7,15-diene		B-1	236-948-9	13560-89-9	15-Jan-18	0.1% by weight (w/w)	
1,6,7,8,9,14,15,16,17,18,18-Dodecachloropentacyclo[12.2.1.1 ^{4,9} .0 ^{3,10} .0 ^{6,8} .0 ^{5,10}]octadeca-7,15-diene ("Dechlorane Plus™")	covering any of its individual anti- and syn-isomers or any combination thereof	B-1	-	-	15-Jan-18	0.1% by weight (w/w)	
Benz[a]anthracene		B-1	200-280-6	56-55-3	15-Jan-18	0.1% by weight (w/w)	
Cadmium carbonate		B-1	208-168-9	513-78-0	15-Jan-18	0.1% by weight (w/w)	
Cadmium hydroxide		B-1	244-168-5	21041-95-2	15-Jan-18	0.1% by weight (w/w)	
Cadmium nitrate		B-1	233-710-6	10325-94-7	15-Jan-18	0.1% by weight (w/w)	
Chrysene		B-1	205-923-4	218-01-9	15-Jan-18	0.1% by weight (w/w)	
Formaldehyde, reaction products with branched and linear heptylphenol, carbon disulfide and hydrazine		B-1	300-298-5	93925-00-9	15-Jan-18	0.1% by weight (w/w)	
Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs.		B-1	-	1471311-26-8	15-Jan-18	0.1% by weight (w/w)	
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	with ≥0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)	B-1	-	-	15-Jan-18	0.1% by weight (w/w)	
rel-(1R,4S,4aS,6aR,7R,10S,10aS,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene		B-1	-	-	15-Jan-18	0.1% by weight (w/w)	
rel-(1R,4S,4aS,6aS,7S,10R,10aR,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene		B-1	-	-	15-Jan-18	0.1% by weight (w/w)	
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	trimellitic anhydride; TMA	B-1	209-008-0	552-30-7	27-Jun-18	0.1% by weight (w/w)	
Benzo[ghi]perylene		B-1	205-883-8	191-24-2	27-Jun-18	0.1% by weight (w/w)	
Decamethylcyclopentasiloxane	D5	B-1	208-764-9	541-02-6	27-Jun-18	0.1% by weight (w/w)	
Dicyclohexyl phthalate	DCHP	B-1	201-545-9	84-61-7	27-Jun-18	0.1% by weight (w/w)	
Disodium octaborate		B-1	234-541-0	12008-41-2	27-Jun-18	0.1% by weight (w/w)	
Dodecamethylcyclohexasiloxane	D6	B-1	208-762-8	540-97-6	27-Jun-18	0.1% by weight (w/w)	
Ethylenediamine	EDA	B-1	203-468-6	107-15-3	27-Jun-18	0.1% by weight (w/w)	
Lead		B-1	231-100-4	7439-92-1	27-Jun-18	0.1% by weight (w/w)	
Octamethylcyclotetrasiloxane	D4	B-1	209-136-7	556-67-2	27-Jun-18	0.1% by weight (w/w)	
Terphenyl, hydrogenated		B-1	262-967-7	61788-32-7	27-Jun-18	0.1% by weight (w/w)	
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	3-benzylidene camphor; 3-BC	B-1	239-139-9	15087-24-8	15-Jan-19	0.1% by weight (w/w)	
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	AP-5	B-1	401-720-1	6807-17-6	15-Jan-19	0.1% by weight (w/w)	
Benzo[k]fluoranthene		B-1	205-916-6	207-08-9	15-Jan-19	0.1% by weight (w/w)	
Fluoranthene		B-1	205-912-4	206-44-0	15-Jan-19	0.1% by weight (w/w)	
Phenanthrene		B-1	201-581-5	85-01-8	15-Jan-19	0.1% by weight (w/w)	
Pyrene		B-1	204-927-3	129-00-0	15-Jan-19	0.1% by weight (w/w)	
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid		B-1	236-236-8	13252-13-6	16-Jul-19	0.1% by weight (w/w)	
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	covering any of their individual isomers and combinations thereof	B-1	-	-	16-Jul-19	0.1% by weight (w/w)	
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride		B-1	218-173-8	2062-98-8	16-Jul-19	0.1% by weight (w/w)	
2-methoxyethyl acetate		B-1	203-772-9	110-49-6	16-Jul-19	0.1% by weight (w/w)	
4-tert-butylphenol		B-1	202-679-0	98-54-4	16-Jul-19	0.1% by weight (w/w)	
ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate		B-1	-	62037-80-3	16-Jul-19	0.1% by weight (w/w)	
Phenol, 4-nonyl-, phosphite (3:1)		B-1	-	3050-88-2	16-Jul-19	0.1% by weight (w/w)	
Phenol, p-isononyl-, phosphite (3:1)		B-1	-	31631-13-7	16-Jul-19	0.1% by weight (w/w)	
Phenol, p-sec-nonyl-, phosphite		B-1	-	106599-06-8	16-Jul-19	0.1% by weight (w/w)	
potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate		B-1	266-578-3	67118-55-2	16-Jul-19	0.1% by weight (w/w)	

European Chemicals Agency (ECHA) Candidate List of substances of very high concern for Authorisation
Candidate List of SVHC for authorisation (published in accordance with Article 59(10) of the REACH Regulation)
Note: Group entries are split in different rows.

Source: <https://echa.europa.eu/candidate-list-table>

Date of Last Update to List: 11/27/2024

Substance name	Description	A-RMS-05-03-103 ref.	EC No.	CAS No.	Date of inclusion	Limit	notes from
Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (-)-		B-1	-	75579-40-7	16-Jul-19	0.1% by weight (w/w)	
Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (+)-		B-1	-	75579-39-4	16-Jul-19	0.1% by weight (w/w)	
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)		B-1	-	-	16-Jul-19	0.1% by weight (w/w)	
tris(4-nonylphenyl, branched) phosphite		B-1	-	-	16-Jul-19	0.1% by weight (w/w)	
tris(nonylphenyl) phosphite		B-1	247-759-6	26523-78-4	16-Jul-19	0.1% by weight (w/w)	
1-(4-butoxy-1-naphthalenyl)tetrahydrothiophenium		B-1	468-770-4	-	16-Jan-20	0.1% by weight (w/w)	
1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefluorobutane-1-sulphonate		B-1	206-793-1	375-73-5	16-Jan-20	0.1% by weight (w/w)	
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	CG 25-369; IRGACURE 369; TK 11-319	B-1	404-360-3	119313-12-1	16-Jan-20	0.1% by weight (w/w)	
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	ACETOCLURE 97; GENOCURE*PMP; IGM 4817; IRGACURE 907; SPEEDCURE 97	B-1	400-600-6	71868-10-5	16-Jan-20	0.1% by weight (w/w)	
Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate		B-1	269-513-7	68259-10-9	16-Jan-20	0.1% by weight (w/w)	
bis(4-tert-butylphenyl)iodonium perfluorobutanesulfonate		B-1	432-660-4	194999-85-4	16-Jan-20	0.1% by weight (w/w)	
Diisohexyl phthalate		B-1	276-090-2	71850-09-4	16-Jan-20	0.1% by weight (w/w)	
dimethyl(phenyl)sulfanium perfluorobutanesulfonate		B-1	452-310-4	220133-51-7	16-Jan-20	0.1% by weight (w/w)	
lithium perfluorobutanesulfonate		B-1	-	131651-65-5	16-Jan-20	0.1% by weight (w/w)	
magnesium perfluorobutanesulfonate		B-1	-	507453-86-3	16-Jan-20	0.1% by weight (w/w)	
morpholinium perfluorobutanesulfonate		B-1	-	503155-89-3	16-Jan-20	0.1% by weight (w/w)	
N,N,N-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate		B-1	-	25628-08-4	16-Jan-20	0.1% by weight (w/w)	
Perfluorobutane sulfonic acid (PFBS) and its salts		B-1	-	-	16-Jan-20	0.1% by weight (w/w)	
Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate		B-1	249-616-3	29420-49-3	16-Jan-20	0.1% by weight (w/w)	
tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate		B-1	444-440-5	220689-12-3	16-Jan-20	0.1% by weight (w/w)	
Triphenylsulfanium perfluorobutane sulfonate		B-1	478-340-8	144317-44-2	16-Jan-20	0.1% by weight (w/w)	
1-vinylimidazole		B-1	214-012-0	1072-63-5	25-Jun-20	0.1% by weight (w/w)	
2-methylimidazole		B-1	211-765-7	693-98-1	25-Jun-20	0.1% by weight (w/w)	
Butyl 4-hydroxybenzoate		B-1	202-318-7	94-26-8	25-Jun-20	0.1% by weight (w/w)	
Dibutylbis(pentane-2,4-dionato-O,O')tin		B-1	245-152-0	22673-19-4	25-Jun-20	0.1% by weight (w/w)	
Bis(2-(2-methoxyethoxy)ethyl)ether		B-1	205-594-7	143-24-8	19-Jan-21	0.1% by weight (w/w)	
Diocetyl dilaurate		B-1	222-883-3	3648-18-8	19-Jan-21	0.1% by weight (w/w)	
Diocetyl dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety		B-1	-	-	19-Jan-21	0.1% by weight (w/w)	
diocetyl dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs.		B-1	-	-	19-Jan-21	0.1% by weight (w/w)	
Stannane, dioctyl-, bis(coco acyloxy) derivs.		B-1	293-901-5	91648-39-4	19-Jan-21	0.1% by weight (w/w)	
(2R)-3-(4-tert-butylphenyl)-2-methylpropanal		B-1	-	75166-31-3	8-Jul-21	0.1% by weight (w/w)	
(2S)-3-(4-tert-butylphenyl)-2-methylpropanal		B-1	-	75166-30-2	8-Jul-21	0.1% by weight (w/w)	
1,4-dioxane		B-1	204-661-8	123-91-1	8-Jul-21	0.1% by weight (w/w)	
2-(4-tert-butylbenzyl)propionaldehyde		B-1	201-289-8	80-54-6	8-Jul-21	0.1% by weight (w/w)	
2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers		B-1	-	-	8-Jul-21	0.1% by weight (w/w)	
2,2-bis(bromomethyl)propane-1,3-diol (BMP)		B-1	221-967-7	3296-90-0	8-Jul-21	0.1% by weight (w/w)	
2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)		B-1	-	-	8-Jul-21	0.1% by weight (w/w)	
2,2-dimethylpropan-1-ol, tribromo derivative (TBNPA)		B-1	253-057-0	36483-57-5	8-Jul-21	0.1% by weight (w/w)	
2,3-dibromo-1-propanol (2,3-DBPA)		B-1	202-480-9	96-13-9	8-Jul-21	0.1% by weight (w/w)	
3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA)		B-1	-	1522-92-5	8-Jul-21	0.1% by weight (w/w)	
4,4'-(1-methylpropylidene)bisphenol		B-1	201-025-1	77-40-7	8-Jul-21	0.1% by weight (w/w)	
4-isododecylphenol		B-1	-	27459-10-5	8-Jul-21	0.1% by weight (w/w)	
Alkanes, C14-16, chloro		B-1	-	1372804-76-6	8-Jul-21	0.1% by weight (w/w)	
Alkanes, C14-17, chloro		B-1	287-477-0	85535-85-9	8-Jul-21	0.1% by weight (w/w)	
Boric acid (H3BO3), disodium salt		B-1	-	22454-04-2	8-Jul-21	0.1% by weight (w/w)	
boric acid (H3BO3), sodium salt (1:1)		B-1	-	14890-53-0	8-Jul-21	0.1% by weight (w/w)	
boric acid (H3BO3), sodium salt, hydrate		B-1	-	25747-83-5	8-Jul-21	0.1% by weight (w/w)	
Boric acid, sodium salt		B-1	215-604-1	1333-73-9	8-Jul-21	0.1% by weight (w/w)	
di-, tri- and tetrachlorotetradecane		B-1	-	-	8-Jul-21	0.1% by weight (w/w)	
glutaral		B-1	203-856-5	111-30-8	8-Jul-21	0.1% by weight (w/w)	
Medium-chain chlorinated paraffins (MCCP)	UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17	B-1	-	-	8-Jul-21	0.1% by weight (w/w)	
orthoboric acid, sodium salt		B-1	-	-	8-Jul-21	0.1% by weight (w/w)	
Orthoboric acid, sodium salt		B-1	237-560-2	13840-56-7	8-Jul-21	0.1% by weight (w/w)	
Phenol, (tetrapropenyl) derivatives		B-1	-	74499-35-7	8-Jul-21	0.1% by weight (w/w)	
Phenol, 4-dodecyl, branched		B-1	-	210555-94-5	8-Jul-21	0.1% by weight (w/w)	
Phenol, 4-isododecyl-		B-1	-	27147-75-7	8-Jul-21	0.1% by weight (w/w)	
Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)		B-1	-	-	8-Jul-21	0.1% by weight (w/w)	
Phenol, dodecyl-, branched		B-1	310-154-3	121158-58-5	8-Jul-21	0.1% by weight (w/w)	
Phenol, tetrapropylene-		B-1	-	57427-55-1	8-Jul-21	0.1% by weight (w/w)	
Tetradecane, chloro derivs.		B-1	-	198840-65-2	8-Jul-21	0.1% by weight (w/w)	
Trisodium orthoborate		B-1	238-253-6	14312-40-4	8-Jul-21	0.1% by weight (w/w)	
(±)-1,7,7-trimethyl-3-[[4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one		B-1	253-242-6	36861-47-9	17-Jan-22	0.1% by weight (w/w)	
(±)-1,7,7-trimethyl-3-[[4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)		B-1	-	-	17-Jan-22	0.1% by weight (w/w)	
(1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one		B-1	-	95342-41-9	17-Jan-22	0.1% by weight (w/w)	

European Restriction of Hazardous Substances (RoHS)
 Directive 2011/65/EU (RoHS, RoHS 2 & RoHS 3)

Source: [2022 RoHS Compliance Guide: Regulations, 10 Substances, Exemptions \(rohsguide.com\)](https://rohsguide.com)

Date of Last Update to List: 11/27/2024

Substance name	Description	EC No.	CAS No.	Date of inclusion	Limit	notes from R
Lead (Pb) and its compounds	A3	231-100-4	7439-92-1	6/8/2011	< 1000 ppmw	
Mercury (Hg) and its compounds	A4	-	7439-97-6	6/8/2011	< 100 ppmw	
Cadmium (Cd) and its compounds	A1	-	7440-43-9	6/8/2011	< 100 ppmw	
Hexavalent chromium (Cr6+) and its compounds	A2	-	18540-29-9	6/8/2011	< 1000 ppmw	
Polybrominated biphenyls (PBB)	A5	-	-	6/8/2011	< 1000 ppmw & Br < 900ppmw	
Polybrominated diphenyl ethers (PBDE)	A6	-	-	6/8/2011	<10 ppmw individually and <500 ppm for sum of total PBDEs	
Bis(2-ethylhexyl) phthalate (DEHP)	A18	-	-	3/31/2015	< 1000 ppmw	
Butyl benzyl phthalate (BBP)	A19	-	-	3/31/2015	< 1000 ppmw	
Dibutyl phthalate (DBP)	A20	-	-	3/31/2015	< 1000 ppmw	
Diisobutyl phthalate (DIBP)	A21	-	-	3/31/2015	< 1000 ppmw	

European Waste from Electrical and Electronic Equipment (WEEE)

Directive 2012/19/EU of the European Parliament and of the Council of 4 July 2012 on waste electrical and electronic equipment (WEEE) (recast) Text with EEA relevance

Source: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32012L0019>

Date of Last Update to List: 11/27/2024

Substance name	Description	EC No.	CAS No.	Date of inclusion	Limit	notes from s
Chlorofluorocarbons (CFC)		-	-	2/1/2003	Not intentionally added	
Hydrocarbons (HC)		-	-	2/1/2003	Not intentionally added	
Hydrochlorofluorocarbons (HCFC)		-	-	2/1/2003	Not intentionally added	
Hydrofluorocarbons (HFC)		-	-	2/1/2003	Not intentionally added	
Polychlorinated biphenyls (PCB)	A11	-	-	2/1/2003	Not intentionally added	
Brominated flame retardants		-	-	2/1/2003	Not intentionally added	
Polychlorinated naphthalenes (PCN)	A12	-	-	2/1/2003	Not intentionally added	
Polychlorinated terphenyls (PCT)		-	-	2/1/2003	Not intentionally added	
Mercury (Hg)	A4	-	-	2/1/2003	Not intentionally added	
Asbestos and its compounds (asbestos waste and components which contain asbestos)	A7	-	-	2/1/2003	Not intentionally added	
Ozone-depleting substances (ODS)	A10			7/24/2012	Not intentionally added	
radioactive substances	A13			11/27/2022	Not intentionally added	
Uranium and Uranium containing materials	B-4.1			11/27/2022	Not intentionally added	
Plutonium and Plutonium containing materials	B-4.2			11/27/2022	Not intentionally added	
Thorium and Thorium containing materials	B-4.3			11/27/2022	Not intentionally added	
Deuterium and deuterium containing materials	B-4.4			11/27/2022	Not intentionally added	
Heavy Water (Deuterium Oxide)	B-4.5			11/27/2022	Not intentionally added	

STOCKHOLM CONVENTION ON PERSISTENT ORGANIC POLLUTANTS (POPs)

2006/507/EC: Council Decision of 14 October 2004 concerning the conclusion, on behalf of the European Community, of the Stockholm Convention on Persistent Organic Pollutants

Source: <https://www.legislation.gov.uk/eudr/2006/122/2020-01-31>

Date of Last Update to List: 11/27/2024

Substance name	Description	EC No.	CAS No.	Date of inclusion	Limit	notes from F
Aldrin			309-00-2	10/14/2004	Not Intentionally added	
Chlordane			57-74-9	10/14/2004	Not Intentionally added	
Dieldrin			60-57-1	10/14/2004	Not Intentionally added	
Endrin			72-20-8	10/14/2004	Not Intentionally added	
Heptachlor			76-44-8	10/14/2004	Not Intentionally added	
Hexachlorobenzene			118-74-1	10/14/2004	Not Intentionally added	
Mirex			2385-85-5	10/14/2004	Not Intentionally added	
Toxaphene			8001-35-2	10/14/2004	Not Intentionally added	
Polychlorinated Biphenyls (PCB)				10/14/2004	Not Intentionally added	

Notes: except as otherwise specified in this Convention, quantities of a chemical occurring as unintentional trace contaminants in products and articles shall not be considered to be listed in this Annex;

Electrochemical Commission (IEC) 61249-2-21 (halogen-free)

Source: <https://webstore.iec.ch/publication/59859>

Date of Last Update to List: 11/27/2024

Substance name	Description	EC No.	CAS No.	Date of inclusion	Limit	notes from REC Silic
Chlorine	A23			11/27/2022	≤ 900ppm	Intentionally in Chlorosilane product
Bromine	A23			11/27/2022	≤ 900ppm	
Total Halogens	A23			11/27/2022	≤ 1500ppm	

List of Chemical Substances Regulated by CWC Convention (105 Old Tariff Rules). Category A
 NOT INTENTIONALLY ADDED - Date of Inclusion 11/27/2022

Source: https://www.cwc.gov/cwc_treaty_chemicals_schedules.html

Date of Last Update to List: 11/27/2024

(一) 甲類列管化學物質 (Schedule 1 chemicals)

項目	CCC Code	中文名稱	物質名稱	CAS No.	化學式
A. 有毒化學品 Toxic chemicals					
1A01	2931.90.40.10-1	烷基(甲基,乙基,正或異丙基)氟膦酸烷基(碳數≤10,含環烷)酯	O-Alkyl(C≤10, including cycloalkyl) alkyl (Me, Et, n-Pr or i-Pr) phosphonofluoridate		$\begin{array}{c} \text{O} \\ \parallel \\ \text{R}-\text{P}-\text{O}-\text{R}' \\ \\ \text{F} \end{array}$ R = Me, Et, n-Pr or i-Pr R' = C≤10, including cycloalkyl
		例: 甲氟膦酸異丙酯 (沙林) 甲氟膦酸品叻可琳酯 (索曼)	Eg: O-Isopropyl methylphosphonofluoridate (Sarin) O-Pinacolyl methylphosphonofluoridate (Soman)	[107-44-8] [96-64-0]	$\begin{array}{c} \text{O} \\ \parallel \\ \text{H}_3\text{C}-\text{P}-\text{O}-\text{C}-\text{CH}_3 \\ \quad \\ \text{F} \quad \text{CH}_3 \end{array}$ $\begin{array}{c} \text{O} \\ \parallel \\ \text{H}_3\text{C}-\text{P}-\text{O}-\text{C}-\text{CH}_3 \\ \quad \quad \\ \text{F} \quad \text{CH}_3 \quad \text{CH}_3 \end{array}$
1A02	2931.90.40.20-9	N,N-二烷基(甲基,乙基,正或異丙基)胺基氟膦酸烷基(碳數≤10,含環烷)酯	O-Alkyl (C≤10, including cycloalkyl) N,N-dialkyl (Me, Et, n-Pr or i-Pr) phosphoramidocyanidates		$\begin{array}{c} \text{O} \\ \parallel \\ \text{R}_2\text{N}-\text{P}-\text{O}-\text{R}' \\ \\ \text{C}\equiv\text{N} \end{array}$ R = Me, Et, n-Pr or i-Pr R' = C≤10, including cycloalkyl
		例: N,N-二甲基胺基氟膦酸乙酯 (塔崩)	Eg: O-Ethyl-N,N-dimethyl phosphoramidocyanidate (Tabun)	[77-81-6]	$\begin{array}{c} \text{O} \\ \parallel \\ (\text{CH}_3)_2\text{N}-\text{P}-\text{O}-\text{C}_2\text{H}_5 \\ \\ \text{C}\equiv\text{N} \end{array}$
1A03	2931.90.40.30-7	烷基(甲基,乙基,正或異丙基)硫膦酸烷基(氫或碳數≤10,含環烷)酯-S-2-二烷基(甲基,乙基,正或異丙基)胺基乙酯 及其烷基化或質子化鹽類	O-Alkyl(H or C≤10, including cycloalkyl) S-2-dialkyl (Me,Et, n-Pr or i-Pr) aminoethyl alkyl (Me, Et, n-Pr or i-Pr) phosphonothiolates and corresponding alkylated or protonated salt		$\begin{array}{c} \text{O} \\ \parallel \\ \text{R}-\text{P}-\text{O}-\text{R}' \\ \\ \text{S}-\text{C}_2\text{H}_4-\text{N R}'' \end{array}$ R = Me, Et, n-Pr or i-Pr R' = H or C≤10, cycloalkyl R'' = Me, Et, n-Pr or i-Pr
		例: S-2-(N,N-二異丙基胺基)乙基甲硫膦酸乙酯	Eg: O-Ethyl S-2-diisopropylaminoethyl methylphosphonothiolate (VX) Sulfur mustards:	[50782-69-9]	$\begin{array}{c} \text{O} \\ \parallel \\ \text{H}_3\text{C}-\text{P}-\text{O}-\text{C}_2\text{H}_5 \\ \\ \text{S}-\text{C}_2\text{H}_4-\text{N}(\text{CH}(\text{CH}_3)_2)_2 \end{array}$
1A04	2930.90.90.11-0	2-氯乙基氯甲基硫醚	2-Chloroethylchloromethylsulfide	[2625-76-5]	$\text{Cl CH}_2-\text{S}-\text{C}_2\text{H}_4 \text{ Cl}$

CWC 列管化學物質分類

項目	CCC Code	中文名稱	物質名稱	CAS No.	化學式
1A04	2930.90.90.12-9	雙(2-氯乙基)硫醚 (芥子氣)	Bis(2-chloroethyl)sulfide (Mustard gas)	[505-60-2]	$\text{Cl C}_2\text{H}_4-\text{S}-\text{C}_2\text{H}_4 \text{ Cl}$
1A04	2930.90.90.13-8	雙(2-氯乙基硫基)甲烷	Bis(2-chloroethylthio)methane	[63869-13-6]	$\text{Cl C}_2\text{H}_4 \text{ S}-\text{CH}_2-\text{S C}_2\text{H}_4 \text{ Cl}$
1A04	2930.90.90.14-7	1,2-雙(2-氯乙基硫基)乙烷 (倍半芥子氣)	1,2-Bis(2-chloroethylthio)ethane (Sesquimustard)	[3563-36-8]	$\text{Cl C}_2\text{H}_4 \text{ S}-\text{C}_2\text{H}_4-\text{S C}_2\text{H}_4 \text{ Cl}$
1A04	2930.90.90.15-6	1,3-雙(2-氯乙基硫基)正丙烷	1,3-Bis(2-chloroethylthio)-n-propane	[63905-10-2]	$\text{Cl C}_2\text{H}_4 \text{ S}-\text{C}_3\text{H}_6-\text{S C}_2\text{H}_4 \text{ Cl}$
1A04	2930.90.90.16-5	1,4-雙(2-氯乙基硫基)正丁烷	1,4-Bis(2-chloroethylthio)-n-butane	[142868-93-7]	$\text{Cl C}_2\text{H}_4 \text{ S}-(\text{CH}_2)_4-\text{S C}_2\text{H}_4 \text{ Cl}$
1A04	2930.90.90.17-4	1,5-雙(2-氯乙基硫基)正戊烷	1,5-Bis(2-chloroethylthio)-n-pentane	[142868-94-8]	$\text{Cl C}_2\text{H}_4 \text{ S}-(\text{CH}_2)_5-\text{S C}_2\text{H}_4 \text{ Cl}$
1A04	2930.90.90.18-3	雙(2-氯乙基硫基)醚	Bis(2-chloroethylthiomethyl)ether	[63918-90-1]	$\text{O} (\text{CH}_2-\text{S}-\text{C}_2\text{H}_4\text{Cl})_2$
1A04	2930.90.90.19-2	雙(2-氯乙基硫基)醚 (O-芥子氣)	Bis(2-chloroethylthioethyl)ether (O-Mustard)	[63918-89-8]	$\text{O} (\text{C}_2\text{H}_4-\text{S}-\text{C}_2\text{H}_4\text{Cl})_2$
			Lewisites:		
1A05	2931.90.19.11-7	2-氯乙基二氯砷	2-Chlorovinylchloroarsine	[541-25-3]	$\text{Cl CH}=\text{CH}-\text{AsCl}_2$
1A05	2931.90.19.12-6	雙(2-氯乙基)氯砷	Bis(2-chlorovinyl)chloroarsine	[40334-69-8]	$(\text{Cl CH}=\text{CH})_2 \text{ AsCl}$
1A05	2931.90.19.13-5	參(2-氯乙基)砷	Tris(2-chlorovinyl)arsine	[40334-70-1]	$\text{As} (\text{CH}=\text{CH Cl})_3$
			Nitrogen mustards:		
1A06	2921.19.00.11-8	雙(2-氯乙基)乙胺	Bis(2-chloroethyl)ethylamine	[538-07-8]	$(\text{Cl C}_2\text{H}_4)_2 \text{ N C}_2\text{H}_5$
1A06	2921.19.00.12-7	雙(2-氯乙基)甲胺	Bis(2-chloroethyl)methylamine	[51-75-2]	$(\text{Cl C}_2\text{H}_4)_2 \text{ N CH}_3$
1A06	2921.19.00.13-6	參(2-氯乙基)胺	Tris(2-chloroethyl)amine	[555-77-1]	$\text{N} (\text{C}_2\text{H}_4 \text{ Cl})_3$
1A07	3002.90.90.20-0	石房蛤毒素 (腰鞭毛蟲毒素)	Saxitoxin	[35523-89-8]	
1A08	3002.90.90.30-8	蓖麻毒 (蓖麻子白蛋白)	Ricin	[9009-86-3]	

CWC 列管化學物質分類

List of Chemical Substances Regulated by CWC Convention (105 Old Tariff Rules). Category A
 NOT INTENTIONALLY ADDED - Date of Inclusion 11/27/2022

Source: https://www.cwc.gov/cwc_treaty_chemicals_schedules.html

Date of Last Update to List: 11/27/2024

項目	CCC Code	中文名稱	物質名稱	CAS No.	化學式
B. 前驅物 Precursors					
1B09	2931.90.40.40-5	烷基(甲基,乙基,正或異丙基)膦醜二氟 例: 甲膦醜二氟	Alkyl (Me, Et, n-Pr or i-Pr) phosphonyl difluorides Eg: Methylphosphonyldifluoride (DF)	[676-99-3]	$\begin{array}{c} \text{O} \\ \parallel \\ \text{R}-\text{P}-\text{F} \\ \\ \text{F} \end{array}$ $\text{R} = \text{Me, Et, n-Pr or i-Pr}$ $\begin{array}{c} \text{O} \\ \parallel \\ \text{H}_3\text{C}-\text{P}-\text{F} \\ \\ \text{F} \end{array}$
1B10	2931.90.40.50-2	烷基(甲基,乙基,正或異丙基)亞膦酸 烷基(氫或碳數≤10,含環烷)酯-2-二烷基(甲基,乙基,正或異丙基)胺基乙酯 及其烷基化或質子化鹽類 例: 甲基亞膦酸乙酯-2-(N,N-二異丙基胺基)乙酯	O-Alkyl(H or C ≤10, including cycloalkyl) O-2-dialkyl (Me, Et, n-Pr or i-Pr) aminoethyl alkyl (Me, Et, n-Pr or i-Pr) phosphonites and corresponding alkylated or protonated salts Eg: O-Ethyl O-2-diisopropylaminoethyl methylphosphonite (QL)	[57856-11-8]	$\begin{array}{c} \text{R}-\text{P}-\text{O}-\text{R}' \\ \\ \text{O}-\text{C}_2\text{H}_4-\text{N}(\text{R}'')_2 \end{array}$ $\text{R} = \text{Me, Et, n-Pr or i-Pr}$ $\text{R}' = \text{H or C} \leq 10, \text{ cycloalkyl}$ $\text{R}'' = \text{Me, Et, n-Pr or i-Pr}$ $\begin{array}{c} \text{H}_3\text{C}-\text{P}-\text{O}-\text{C}_2\text{H}_5 \\ \\ \text{O}-\text{C}_2\text{H}_4-\text{N}(\text{CH}(\text{CH}_3)_2)_2 \end{array}$
1B11	2931.90.40.60-0	甲氧膦酸異丙酯 (氯沙林)	O-Isopropyl methylphosphonochloridate (Chlorosarin)	[1445-76-7]	$\begin{array}{c} \text{O} \\ \parallel \\ \text{H}_3\text{C}-\text{P}-\text{O}-\text{C}-\text{CH}_3 \\ \quad \\ \text{Cl} \quad \text{CH}_3 \end{array}$
1B12	2931.90.40.70-8	甲氧膦酸品叻可琳酯 (氯索曼)	O-Pinacolyl methylphosphonochloridate (Chlorosoman)	[7040-57-5]	$\begin{array}{c} \text{O} \\ \parallel \\ \text{H}_3\text{C}-\text{P}-\text{O}-\text{C}-\text{C}(\text{CH}_3)_3 \\ \quad \\ \text{Cl} \quad \text{CH}_3 \end{array}$

CWC 列管化學物質分類

List of Chemical Substances Regulated by CWC Convention (105 Old Tariff Rules). Category B
NOT INTENTIONALLY ADDED - Date of Inclusion 11/27/2022

Source: https://www.cwc.gov/cwc_treaty_chemicals_schedules.html

Date of Last Update to List: 11/27/2024

(二) 乙類列管化學物質 (Schedule 2 chemicals)

項目	CCC Code	中文名稱	物質名稱	CAS No.	化學式
A. 有毒化學品 Toxic chemicals					
2A01	2930.90.90.20-9	S-[2-(二乙基胺基)乙基]硫膦酸二乙酯及其烷基化或質子化鹽類 (阿米通)	Amiton: O,O-Diethyl S-[2-(diethylamino)ethyl] phosphorothiolate and corresponding alkylated or protonated salts	[78-53-5]	$(C_2H_5)_2N-C_2H_4-S-P(=O)(O-C_2H_5)_2$
2A02	2903.39.90.30-4	1,1,3,3,3-五氟-2-三氟甲基丙烯	PFIB: 1,1,3,3,3-Pentafluoro-2-(trifluoromethyl)-1-propene	[382-21-8]	$F_2C=C(CF_3)-CF_3$
2A03*	2933.99.90.30-5	二苯乙酸-3-奎寧環基酯	BZ: 3-Quinuclidinyl benzilate	[6581-06-2]	
(* 申報門檻值不同)					
B. 前驅物 Precursors					
2B04	2931.90.40.80-6	除 CCC 2931.00.40.10, 2931.00.40.20, 2931.00.40.30, 2931.00.40.40, 2931.00.40.50, 2931.00.40.60 及 2931.00.40.70 項貨品外之含甲基,乙基或丙基之有機磷化合物,但不含碳數更多的化合物 例: 膦醯二氯 膦醯酸二甲酯	Chemicals, except for those listed in Schedule 1, containing a phosphorus atom to which is bonded one methyl, ethyl or propyl (normal or iso) group but not further carbon atoms eg: Methylphosphonyl dichloride Dimethyl methylphosphonate	$R-P-X,Y,Z,\dots$; [676-97-1] [756-79-6]	$R = Me, Et, n-Pr \text{ or } i-Pr$
丁 (PSF)	2930.90.90.50-2	除外: 大福松: 乙基硫代硫膦酸乙酯-S-苯酯	Exemption: Fonofos: O-Ethyl S-phenyl ethylphosphono-thiolothionate	[944-22-9]	
CWC 列管化學物質分類					

項目	CCC Code	中文名稱	物質名稱	CAS No.	化學式
2B05	2929.90.00.30-9	N,N-二烷基(甲基,乙基,正或異丙基)胺基膦醯二鹵化物	N,N-Dialkyl (Me, Et, n-Pr or i-Pr) phosphoramidic dihalides	$R_2 N-P(=O)(X)_2$	$R = Me, Et, n-Pr \text{ or } i-Pr$ $X = F, Cl, Br, I$
2B06	2929.90.00.40-7	N,N-二烷基(甲基,乙基,正或異丙基)胺基膦酸二烷基(甲基,乙基,正或異丙基)酯	Dialkyl (Me, Et, n-Pr or i-Pr) N,N-dialkyl (Me, Et, n-Pr or i-Pr) phosphoramidates	$R_2 N-P(=O)(OR')_2$	$R = Me, Et, n-Pr \text{ or } i-Pr$ $R' = Me, Et, n-Pr \text{ or } i-Pr$
2B07	2812.10.90.20-9	三氯化砷	Arsenic trichloride	[7784-34-1]	$AsCl_3$
2B08	2918.19.90.10-5	2,2-二苯基-2-羥基乙酸	2,2-Diphenyl-2-hydroxyacetic acid	[76-93-7]	$(C_6H_5)_2 C(OH) COOH$
2B09	2933.99.90.40-3	3-羥基奎寧環	Quinuclidine-3-ol	[1619-34-7]	
2B10	2921.19.00.20-7	N,N-二烷基(甲基,乙基,正或異丙基)胺基-2-氯乙烷及其質子化鹽類	N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethyl-2-chlorides and corresponding protonated salts	$R_2 N-C_2H_4 Cl$	$R = Me, Et, n-Pr \text{ or } i-Pr$
2B11	2922.19.00.19-9	其他 2-N,N-二烷基(甲基,乙基,正或異丙基)胺基乙醇及其質子化鹽類	other N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethane-2-ols and corresponding protonated salts	$R_2 N-C_2H_4 OH$	$R = Me, Et, n-Pr \text{ or } i-Pr$
丁 (DOC)	2922.19.00.11-7	除外: N,N-二甲基胺基乙醇及其質子化鹽類	Exemption: N,N-Dimethylamino-ethanol and corresponding protonated salts	[108-01-0]	$(CH_3)_2N-C_2H_4-OH$
丁 (DOC)	2922.19.00.12-6	除外: N,N-二乙基胺基乙醇及其質子化鹽類	Exemption: N,N-Diethylaminoethanol and corresponding protonated salts	[100-37-8]	$(C_2H_5)_2N-C_2H_4-OH$
2B12	2930.90.90.30-7	2-[N,N-二烷基(甲基,乙基,正或異丙基)胺基]硫醇及其質子化鹽類	N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethane-2-thiols and corresponding protonated salts	$R_2 N-C_2H_4 SH$	$R = Me, Et, n-Pr \text{ or } i-Pr$
2B13	2930.90.90.40-5	硫代雙乙醇(硫二甘醇)	Bis(2-hydroxyethyl)sulfide (Thiodiglycol)	[111-48-8]	$S(CH_2CH_2OH)_2$
2B14	2905.19.90.10-0	3,3-二甲基-2-丁醇 (品納可醇)	3,3-Dimethylbutane-2-ol (Pinacolyl alcohol)	[464-07-3]	$(H_3C)_3C-CH(OH)-CH_3$
CWC 列管化學物質分類					

List of Chemical Substances Regulated by CWC Convention (105 Old Tariff Rules). Category B
 NOT INTENTIONALLY ADDED - Date of Inclusion 11/27/2024

Source: https://www.cwc.gov/cwc_treaty_chemicals_schedules.html

Date of Last Update to List: 11/27/2024

A. Toxic Chemicals

Substance name	Description	EC No.	CAS No.	Date of inclusion	Limit	notes from REC Silicon
1 Phosgene: Carbonyl dichloride		-	75-44-5	11/27/2024	Not intentionally added	
2 Cyanogen chloride		-	506-77-4	11/27/2024	Not intentionally added	
3 Hydrogen cyanide			74-90-8	11/27/2024	Not intentionally added	
4 Chloropicrin: Trichloronitromethane			76-06-2	11/27/2024	Not intentionally added	

B. Precursors

Substance name	Description	EC No.	CAS No.	Date of inclusion	Limit	notes from REC Silicon
Phosphorus oxychloride		-	10025-87-3	11/27/2024	Not intentionally added	
Phosphorus trichloride		-	12/2/7719	11/27/2024	Not intentionally added	
Phosphorus pentachloride			10026-13-8	11/27/2024	Not intentionally added	
Trimethyl phosphite			121-45-9	11/27/2024	Not intentionally added	
Triethyl phosphite			122-52-1	11/27/2024	Not intentionally added	
Dimethyl phosphite			868-85-9	11/27/2024	Not intentionally added	
Diethyl phosphite			762-04-9	11/27/2024	Not intentionally added	
Sulfur monochloride			10025-67-9	11/27/2024	Not intentionally added	
Sulfur dichloride			10545-99-0	11/27/2024	Not intentionally added	
Thionyl chloride			9/7/7719	11/27/2024	Not intentionally added	
Ethyl-diethanolamine			139-87-7	11/27/2024	Not intentionally added	
Methyl-diethanolamine			105-59-9	11/27/2024	Not intentionally added	
Triethanolamine			102-71-6	11/27/2024	Not intentionally added	

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Date of Last Update to List: 11/27/2024

序號	中文名稱	英文名稱	C.C.C Code	CAS No.
1	醋酸酐(乙酐) (其他名稱) 乙酸酐 醋酐 乙醯化氧	Acetic anhydride (Other names) Ethanoic anhydride; Ethanoyl ethanoate Acetyl acetate Acetyl oxide Acetic oxide AA	2915.24.00.00-2	108-24-7
2	苯醋酸 (其他名稱) 苯乙酸 苯基丙氨酸 A-甲基苯甲酸 A-甲苯甲酸 苯基乙酸	Benzeneacetic acid (Other names) Phenylacetic acid 2-Phenylacetic acid α -toluic acid alpha-toluic acid alpha-tolylic acid	2916.34.10.00-7	103-82-2
3	氨基酸(鄰-胺基苯甲酸) (其他名稱) 鄰-氨基苯甲酸 鄰-氨茶甲酸 2-氨基苯甲酸 1-氨基-2-苯甲酸 氨基苯甲酸 鄰胺苯酸 鄰-羧基苯胺	Anthranilic acid (Other names) Anthranic acid 2-Aminobenzoic acid	2922.43.00.10-8	118-92-3
4	2-乙醯胺基苯甲酸(N-乙醯 2-乙醯胺基苯甲酸(N-乙醯 2-Acetamidobenzoic acid (N- acetylantranilic acid)	2-Acetamidobenzoic acid (N- acetylantranilic acid) (Other names) 2-(Acetylamino)-benzoic acid 2-Carboxyacetanilide o-Acetoaminobenzoic acid Acetylantranilic acid	2924.23.00.10-0	89-52-1
5	異黃樟油素 (其他名稱) 異黃樟素 異黃樟腦 1,2-(亞甲二氧基)-4- 丙烯基苯 5-(1-丙烯基)-1,3- 苯間二氧雜環戊烯) 5-丙烯基-1,3-苯並二噁茂 4-丙烯基-1,2-亞甲二氧基苯 3,4-亞甲二氧-1-丙烯基	Isosafrole (Other names) (E)-5-(Prop-1-enyl)benzo[d][1,3]dioxole 5-(1-Propenyl)-1,3-benzodioxole 3,4-Methylenedioxyphenyl-1-propene 3,4-(Methylenedioxy)-1-propenylbenzene 3,4-(Methylenedioxy)propenylbenzene 3,4-Methylenedihydroxy-1- propenylbenzene 3,4-Methylenedioxy-1-propenylbenzene 2-(Methylenedioxy)-4-propenyl-benzen 1,2-Methylenedioxy-4-propenylbenzol 4-Propenyl-1,2-methylenedioxybenzene 4-Propenylcatechol methylene ether	2932.91.00.00-9	120-58-1

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Date of Last Update to List: 11/27/2024

序號	中文名稱	英文名稱	C.C.C Code	CAS No.
6	胡椒醛(3, 4-亞甲基二氧基苯甲醛) (其他名稱) 洋茉莉醛 胡椒甲醛 胡椒基醛 天芥菜精 3,4-亞甲基二氧基苯甲醛 3,4-亞甲二氧基苯甲醛 3,4-二氧亞甲基苯甲醛	Piperonal (Other names) Piperonyl aldehyde Heliotropine Protocatechuic aldehyde methylene ether 3,4-(Methylenedioxy) benzaldehyde 1,3-Benzodioxole-5-carbaldehyde	2932.93.00.00-7	120-57-0
7	黃樟油素 (其他名稱) 黃樟素 黃樟腦 黃樟醚 5-(2-丙烯基)-1,3-茶並間二氧雜環戊烯 4-烯丙基-1,2-亞甲基二氧基苯 烯丙基鄰苯二酚亞甲醚 丙烯基二氧基苯酯	Safrole (Other names) Shikimol 5-(2-Propenyl)-1,3-benzodioxole 5-Allylbenzo[d][1,3]dioxole; 3,4-Methylenedioxyphenyl-2-propene 1-Allyl-3,4-methylenedioxybenzene 3,4-Methylenedioxyallylbenzene 3-[3,4-(Methylenedioxy)phenyl]-1-propene 4-Allyl-1,2-methylenedioxybenzene 5-Allyl-1,3-benzodioxole	2932.94.00.00-6	94-59-7
8	1-(1, 3-茶並二噁茂-5-基)-2-丙酮 (其他名稱) 胡椒基丙酮 胡椒基甲基甲酮 胡椒基甲基酮 1-(1, 3-茶並間二氧雜環戊-5-烯基)-2-丙酮 3,4-亞甲基二氧基苯基-2-丙酮 3,4-亞甲基二氧基苯基丙酮 1-(3,4-亞甲二氧基苯基)-2-丙酮 3,4-亞甲二氧基苄基甲基(甲)酮	1-(1,3-Benzodioxol-5-yl) Propan-2-one (Other names) 1-(1,3-Benzodioxol-5-yl)- 2-propanone 1-(1,3-Benzodioxol-5-yl) acetone 3,4-Methylene dioxyphenyl-2-propanone 1-(3,4-(Methylenedioxy)phenyl)-2-propanone 1-(Acetonyl)-3,4-methylenedioxybenzene 3,4-(Methylenedioxy)phenyl)-2-propanone 3,4-(Methylenedioxy)phenylpropan-2-one 1-[1,3-Benzodioxo-5-yl]- 2-Propanone	2932.92.00.00-8	4676-39-5
9	六氫吡啶 (其他名稱) 哌啶 派叮 五亞甲基胺 氮雜環己烷 氮己環 一氮六環	Piperidine (Other names) Hexahydroazine Azinane Hexahydropyridine Pentamethyleneamine	2933.32.00.10-8	110-89-4

Source: [https://www.prechem.org.tw/\(S\(r0cuse3r2fxgsp5522zpz145\)\)/information/xInformation.aspx](https://www.prechem.org.tw/(S(r0cuse3r2fxgsp5522zpz145))/information/xInformation.aspx)

Date of Last Update to List: 11/27/2024

序號	中文名稱	英文名稱	C.C.C Code	CAS No.
10	亞硫醯氯 (其他名稱) 氯化亞碲 亞硫醯二氯 亞硫醯氯 氯化亞硫醯 氧化氯化硫 氧氯化硫 二氯亞碲 二氯氧硫	Thionyl chloride (Other names) Thionyl dichloride Sulfurous oxychloride; Sulfurous dichloride Sulfur chloride oxide Sulfinyl chloride Sulfinyl dichloride Sulfoxidechloride Sulfur oxide dichloride Sulfur monoxide dichloride Chloruredethionyle Dichlorosulfoxide	2812.17.00.00-5	9/7/7719
11	氯化鈀 (其他名稱) 二氯化鈀 氯化亞鈀 氯化鈀(II)	Palladium chloride (Other names) Palladium dichloride Palladium(II) chloride	2843.90.00.10-6	10/1/7647
12	紅磷 (其他名稱) 赤磷	Phosphorus,red (Other names) Red phosphorus Phosphorus(red)	2804.70.00.10-7 7723-14-0	
13	碘	Iodine	2801.20.00.00-3 7553-56-2	
14	氫碘酸 (其他名稱) 碘化氫(水溶液)	Hydriodic acid (Other names) Hydrogen iodide Hydriodic acid (aqueous solution) Hydroiodic acid (aqueous solution) Iohydroic acid (aqueous solution)	2811.19.90.20-1 10034-85-2	
15	次磷酸 (其他名稱) 次亞磷酸 卑磷酸	Hypophosphorous acid (Other names) Phosphinic acid Hypophosphoeous acid Hydroxy(oxo)-λ5-phosphane Hydroxy-λ5-phosphanone Oxo-λ5-phosphanol Oxo-λ5-phosphinous acid Dihydrohydroxido-oxidophosphorus	2811.19.90.30-9 6303-21-5	
16	甲胺 (其他名稱) 單甲基胺 氨基甲烷 一甲胺 伯胺	Methylamine (Other names) Aminomethane Methanamine Monomethylamine	2921.11.00.10-7 74-89-5	

Source: [https://www.prechem.org.tw/\(S\(r0cuse3r2fxgsp5522zpz145\)\)/information/xInformation.aspx](https://www.prechem.org.tw/(S(r0cuse3r2fxgsp5522zpz145))/information/xInformation.aspx)

Date of Last Update to List: 11/27/2024

序號	中文名稱	英文名稱	C.C.C Code	CAS No.
17	苯乙腈	Benzyl cyanide	2926.90.90.20-5	140-29-4
	(其他名稱)	(Other names)		
	苯腈	2-Phenylacetonitrile		
	苯基氰	Phenylacetonitrile		
	苯基腈	α -Tolunitrile		
	苯甲腈	Alpha-Tolunitrile		
	氰化苯	A-Tolunitrile		
	氰化苯基	Tolunitrile		
	α -苯基腈	Benzeneacetonitrile		
	ω -氰代甲苯	Phenyl acetyl nitrile		
	Ω -氰甲苯	(Cyanomethyl) benzene		
	(A-)苯基氰	Acetic acid, phenyl-nitrile		
	苯乙氰	Acetonitrile, phenyl-		
		Alpha-Cyanotoluene		
		Omega-Cyanotoluene		

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序號	中文名稱	英文名稱	C.C.C Code	CAS No.
1	比重達1.2或濃度達39.1 w/w %之鹽酸	Hydrogen chloride (hydrochloric acid) having a specific gravity reach 1.2 or Concentration 39.1 w/w %	2806.10.00.10-8	7647-01-0
	(其他名稱)	(Other names)		
	鹽酸	Chlorohydric acid		
	白鹽酸	Hydrochloride		
	鹽酸水	Hydrogen chloride (aqueous solution)		
	氫氯酸	Muriatic acid		
	氫氯酸	Chlorane		
	氯化氫(水溶液)	(Note: Having a specific gravity reach 1.2 or Concentration 39.1 w/w % aqueous solution)		
	(註：比重達1.2或濃度達39.1 w/w %水溶液)			
2	比重達1.84或濃度95至98 w/w %之硫酸	Sulphuric acid having a specific gravity reach 1.84 or Concentration 95~98 w/w %	2807.00.10.10-7	7664-93-9
	(其他名稱)	(Other names)		
	強水	Sulfuric acid		
	鎊水	Oil of vitriol		
	綠礬油	(Note: Having a specific gravity reach 1.84 or Concentration 95~98 w/w % aqueous solution)		
	磺鎊水			
	(註：比重達1.84或濃度95至98 w/w %水溶液)			
3	過錳酸鉀	Potassium Permanganate	2841.61.00.00-5	7722-64-7
	(其他名稱)			
	高錳酸鉀			
	灰錳氧			
	PP粉			

Source: [https://www.prechem.org.tw/\(S\(r0cuse3r2fxgsp5522zp145\)\)/information/xInformation.aspx](https://www.prechem.org.tw/(S(r0cuse3r2fxgsp5522zp145))/information/xInformation.aspx)

Date of Last Update to List: 11/27/2024

序號	中文名稱	英文名稱	C.C.C Code	CAS No.
4	甲苯 (其他名稱) 甲基苯 苯基甲烷 苯甲烷	Toluene (Other names) Methylbenzene Toluol Phenylmethane Methylbenzol	2902.30.00.00-9	108-88-3
5	二乙醚(乙醚) (其他名稱) 二乙基醚 乙氧基乙烷 1,1'-氧二乙烷	Diethyl ether (Other names) Ethyl ether Ethyl oxide Ethoxyethane 3-Oxapentane Alcohol - ether 1,1'-oxybisethane	2909.11.00.00-5	60-29-7
6	丙酮 (其他名稱) 2-丙酮 二甲基甲酮 二甲基酮 二甲酮 β-酮基丙烷 醯酮 木酮	Acetone (Other names) Propanone 2-Propanone Propan-2-one Dimethylformaldehyde Dimethyl ketone β-Ketopropane	2914.11.00.00-8	67-64-1
7	丁酮(甲基乙基酮) (其他名稱) 2-丁酮 甲基乙基(甲)酮 甲乙酮 甲基丙酮 乙基甲基甲酮 乙基甲基酮 2-羰基丁烷	Butanone (methyl ethyl ketone) (Other names) 2-Butanone Methyl propanone Ethyl methyl ketone; Methylacetone MEK	2914.12.00.00-7	78-93-3
8	苯甲酸乙酯 (其他名稱) 安息香酸乙酯 乙基苯酸	Benzoic acid ethyl ester (Ethyl benzoate) (Other name) Benzene carboxylate	2916.31.00.10-0	93-89-0

Toxicity and chemical substances of concern



Toxic and Chemical Substances Bureau
Environmental Protection Administration
Executive Yuan, R.O.C. (Taiwan)

344 results (195 listed toxic)
Source: <https://www.chemradar.com/tools/cis/in/648faae551b8802d693c9f7>
Date of Last Update to List: 11/27/2022

Type	Listed No.	Series No.	Name	Cas No.	UN No.	Toxicity Classify	Date of Inclusion	Limit	Notes from REC Silicon
Concerned	1	1	Nitrous oxide	10024-97-2	1070		11/27/2022	0.1% by weight (w/w)	
Concerned	2	1	Ammonium nitrate	6484-52-2	1942		11/27/2022	0.1% by weight (w/w)	
Concerned	3	1	Hydrogen fluoride	7664-39-3	1052		11/27/2022	0.1% by weight (w/w)	
Toxic	1	1	Polychlorinated biphenyls	1336-36-3	2315	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	2	1	Chlordane	57-74-9	2995	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	3	1	Asbestos	1332-21-4	2212 (blue) - 2590 (white)	2	11/27/2022	0.1% by weight (w/w)	
Toxic	4	1	Dieldrin	60-57-1	2761	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	5	1	4,4-Dichlorodiphenyl-trichloroethane (DDT)	50-29-3	2761	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	6	1	Toxaphene	8001-35-2	2761	1	11/27/2022	0.1% by weight (w/w)	
Toxic	7	1	Pentachlorophenyl laurate	87-86-5	3155	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	7	2	Pentachlorophenyl laurate	3772-94-9	2588	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	8	1	Sodium pentachlorophenate	131-52-2	2567	3	11/27/2022	0.1% by weight (w/w)	
Toxic	9	1	Methyl mercury	22967-92-6	2024	1	11/27/2022	0.1% by weight (w/w)	
Toxic	10	1	Endrin	72-20-8	2761	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	11	1	Heptachlor	76-44-8	2761	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	12	1	Hexachlorocyclohexane	319-84-6 · 319-85-7 · 319-86-8 · 6108-10-7	2811 · 2761 · 2761 · -	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	13	1	Aldrin	309-00-2	2761	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	14	1	1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	2872	1,2,3	11/27/2022	0.1% by weight (w/w)	
Toxic	15	1	Leptophos	21609-90-5	3464	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	16	1	Chlorobenzilate	510-15-6	2996	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	17	1	Nitrofen	1836-75-5	3077	2	11/27/2022	0.1% by weight (w/w)	
Toxic	18	1	Dinoseb	88-85-7	2779	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	19	1	Lindane (γ -HCH, or α -HCH)	58-89-9	2761	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	22	1	Mercury	7439-97-6	2809	1	11/27/2022	0.1% by weight (w/w)	
Toxic	23	1	Pentachloronitrobenzene	82-68-8	3077	1	11/27/2022	0.1% by weight (w/w)	
Toxic	24	1	Daminozide	1596-84-5	-	1	11/27/2022	0.1% by weight (w/w)	
Toxic	25	1	Cyanazine	21725-46-2	2763	2	11/27/2022	0.1% by weight (w/w)	
Toxic	26	1	Fenchlorphos	299-84-3	2811	1	11/27/2022	0.1% by weight (w/w)	
Toxic	27	1	Caratafol	6/1/2425	3077	2,3	11/27/2022	0.1% by weight (w/w)	
Toxic	28	1	Captan	133-06-2	3077	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	29	1	Folpet	133-07-3	3077	3	11/27/2022	0.1% by weight (w/w)	
Toxic	30	1	Cyhozinil	13121-70-5	3146	3	11/27/2022	0.1% by weight (w/w)	
Toxic	31	1	o-Bromobenzyl cyanide	5798-79-8	1694	3	11/27/2022	0.1% by weight (w/w)	
Toxic	32	1	Bis-Chloromethyl ether	542-88-1	2249	2,3	11/27/2022	0.1% by weight (w/w)	
Toxic	32	1	Bis-Chloromethyl ether	542-88-1	2249	2,3	11/27/2022	0.1% by weight (w/w)	
Toxic	33	1	P-Nitrophenyl	92-93-3	3077	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	33	1	P-Nitrophenyl	92-93-3	3077	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	34	1	P-Aminobiphenyl	92-67-1	3077	2	11/27/2022	0.1% by weight (w/w)	
Toxic	34	1	P-Aminobiphenyl	92-67-1	3077	2	11/27/2022	0.1% by weight (w/w)	
Toxic	34	2	P-Aminobiphenyl Hydrochloride	2113-61-3	-	2	11/27/2022	0.1% by weight (w/w)	
Toxic	34	2	P-Aminobiphenyl Hydrochloride	2113-61-3	-	2	11/27/2022	0.1% by weight (w/w)	
Toxic	35	1	2-Naphthylamine	91-59-8	1650	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	35	1	2-Naphthylamine	91-59-8	1650	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	35	2	2-Naphthylamine Acetate	553-00-4	-	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	35	2	2-Naphthylamine Acetate	553-00-4	-	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	35	3	2-Naphthylamine Hydrochloride	612-52-2	2811	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	35	3	2-Naphthylamine Hydrochloride	612-52-2	2811	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	36	1	Benidine	92-87-5	1885	2	11/27/2022	0.1% by weight (w/w)	
Toxic	36	1	Benidine	92-87-5	1885	2	11/27/2022	0.1% by weight (w/w)	
Toxic	36	2	Benidine Acetate	36341-27-2	-	2	11/27/2022	0.1% by weight (w/w)	
Toxic	36	2	Benidine Acetate	36341-27-2	-	2	11/27/2022	0.1% by weight (w/w)	
Toxic	36	3	Benidine Sulfate	531-86-2	3077	2	11/27/2022	0.1% by weight (w/w)	
Toxic	36	3	Benidine Sulfate	531-86-2	3077	2	11/27/2022	0.1% by weight (w/w)	
Toxic	36	4	Benidine Dihydrochloride	531-85-1	-	2	11/27/2022	0.1% by weight (w/w)	
Toxic	36	4	Benidine Dihydrochloride	531-85-1	-	2	11/27/2022	0.1% by weight (w/w)	
Toxic	36	5	Benidine Dihydrofluoride	41766-73-8	-	2	11/27/2022	0.1% by weight (w/w)	
Toxic	36	5	Benidine Dihydrofluoride	41766-73-8	-	2	11/27/2022	0.1% by weight (w/w)	
Toxic	36	6	Benidine Perchlorate	29806-76-6	-	2	11/27/2022	0.1% by weight (w/w)	
Toxic	36	6	Benidine Perchlorate	29806-76-6	-	2	11/27/2022	0.1% by weight (w/w)	
Toxic	36	7	Benidine perchlorate	38668-12-1	-	2	11/27/2022	0.1% by weight (w/w)	
Toxic	36	7	Benidine perchlorate	38668-12-1	-	2	11/27/2022	0.1% by weight (w/w)	
Toxic	36	8	Benidine Dipchlorate	41195-21-5	-	2	11/27/2022	0.1% by weight (w/w)	
Toxic	36	8	Benidine Dipchlorate	41195-21-5	-	2	11/27/2022	0.1% by weight (w/w)	
Toxic	37	1	Cadmium	7440-43-9	3288	2,3	11/27/2022	0.1% by weight (w/w)	
Toxic	37	1	Cadmium	7440-43-9	3288	2,3	11/27/2022	0.1% by weight (w/w)	
Toxic	37	2	Cadmium oxide	1306-19-0	2570	2,3	11/27/2022	0.1% by weight (w/w)	
Toxic	37	2	Cadmium oxide	1306-19-0	2570	2,3	11/27/2022	0.1% by weight (w/w)	
Toxic	37	3	Cadmium carbonate	513-78-0	2570	2,3	11/27/2022	0.1% by weight (w/w)	
Toxic	37	3	Cadmium carbonate	513-78-0	2570	2,3	11/27/2022	0.1% by weight (w/w)	
Toxic	37	4	Cadmium sulfide	1306-23-6	2570	2,3	11/27/2022	0.1% by weight (w/w)	
Toxic	37	4	Cadmium sulfide	1306-23-6	2570	2,3	11/27/2022	0.1% by weight (w/w)	
Toxic	37	5	Cadmium Sulfate	10124-36-4	2570	2,3	11/27/2022	0.1% by weight (w/w)	
Toxic	37	5	Cadmium Sulfate	10124-36-4	2570	2,3	11/27/2022	0.1% by weight (w/w)	
Toxic	37	6	Cadmium nitrate	10325-94-7	3087	2,3	11/27/2022	0.1% by weight (w/w)	
Toxic	37	6	Cadmium nitrate	10325-94-7	3087	2,3	11/27/2022	0.1% by weight (w/w)	
Toxic	37	7	Cadmium Chloride	10108-64-2	2570	2,3	11/27/2022	0.1% by weight (w/w)	
Toxic	38	1	Aniline	62-53-3	1547	3	11/27/2022	0.1% by weight (w/w)	
Toxic	39	1	o-Aminotoluene	95-53-4	1708	1	11/27/2022	0.1% by weight (w/w)	
Toxic	39	2	m-Aminotoluene	108-44-1	1708	1	11/27/2022	0.1% by weight (w/w)	
Toxic	39	3	p-Aminotoluene	106-49-0	3451	1	11/27/2022	0.1% by weight (w/w)	
Toxic	40	1	1-Naphthylamine	134-32-7	2077	1	11/27/2022	0.1% by weight (w/w)	
Toxic	41	1	3,3'-Dimethoxybenzidine	119-90-4	2811	1	11/27/2022	0.1% by weight (w/w)	
Toxic	42	1	3,3'-Dichlorobenzidine	91-94-1	3077	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	43	1	3,3'-Dimethyl-11,1'-biphenyl-4,4'-diamine	119-93-7	3077	1	11/27/2022	0.1% by weight (w/w)	
Toxic	46	8	Copper (II) Cyanide	14763-77-0	1587	3	11/27/2022	0.1% by weight (w/w)	
Toxic	46	9	Copper Sodium Cyanide	14264-31-4	2316	3	11/27/2022	0.1% by weight (w/w)	
Toxic	47	1	Phosgene	75-44-5	1076	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	48	1	Methyl isocyanate	624-83-9	2480	3	11/27/2022	0.1% by weight (w/w)	
Toxic	49	1	Chlorine	7782-50-5	1017	3	11/27/2022	0.1% by weight (w/w)	REC Chlorosilane Products may contain over the limit of this item
Toxic	50	1	Acrylamide	79-06-1	2074	2,3	11/27/2022	0.1% by weight (w/w)	
Toxic	51	1	Acrylonitrile	107-13-1	1093	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	52	1	Benzene	71-43-2	1114	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	53	1	Carbon tetrachloride	56-23-5	1846	1	11/27/2022	0.1% by weight (w/w)	
Toxic	54	1	Chloroform	67-66-3	1888	1	11/27/2022	0.1% by weight (w/w)	
Toxic	55	1	Chromium < VI > trioxide	1333-82-0	1463	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	2	Potassium dichromate	7778-50-9	3086	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	3	Sodium dichromate, dihydrate, Sodium dichromate	7789-12-0 · 10588-01-9	3087 · 1479	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	4	Ammonium dichromate	9/5/7789	1439	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	5	Calcium dichromate	14307-33-6	1479	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	6	Cupric dichromate	13675-47-3	3077	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	7	Lithium dichromate	13843-81-7	3288	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	8	Mercuric dichromate	10/8/7789	2025	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	9	Zinc dichromate	14619-95-2	-	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	10	Ammonium chromate	7788-98-9	1479	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	11	Barium chromate	10294-40-3	1479	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	12	Calcium chromate	13765-19-0	3077	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	13	Cupric chromate	13548-42-0	3077	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	14	Ferric chromate	10294-52-7	-	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	15	Lead chromate	7758-97-6	3077	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	16	Lead chromate oxide	18454-12-1	3077	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	17	Lithium chromate	14307-35-8	3077	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	18	Potassium Chromate	7789-00-6	3288	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	19	Silver chromate	1/2/7784	3087	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	20	Sodium Chromate	11/3/7775	3288	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	21	Stannic chromate	38455-77-5	3288	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	22	Strontium chromate	6/2/7789	3077	2	11/27/2022	0.1% by weight (w/w)	

Toxicity and chemical substances of concern



Toxic and Chemical Substances Bureau
Environmental Protection Administration
Executive Yuan, P.R.C. (Taiwan)

344 results (195 listed toxic)
Source: <https://www.chemradar.com/tools/cis/lmv/648faae551b8802d693c9f7>
Date of Last Update to List: 11/27/2022

Type	Listed No.	Series No.	Name	Cas No.	UN No.	Toxicity Classify	Date of Inclusion	Limit	notes from REC Silicon
Toxic	55	23	Zinc chromate (Zinc chromate hydroxide)	13530-65-9	3077	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	24	Chromium carbonyl	13007-92-6	3281	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	25	Chromated Copper Arsenate	37337-13-6	2759	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	26	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	3077	2	11/27/2022	0.1% by weight (w/w)	
Toxic	55	27	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	2291	2	11/27/2022	0.1% by weight (w/w)	
Toxic	56	1	2,4,6-Trichlorophenol	88-06-2	2020	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	56	2	2,4,5-Trichlorophenol	95-95-4	2020	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	57	1	Chloromethyl methyl ether	107-30-2	1239	1,2,3	11/27/2022	0.1% by weight (w/w)	
Toxic	58	1	Hexachlorobenzene	118-74-1	2729	2	11/27/2022	0.1% by weight (w/w)	
Toxic	59	1	Nickel sulfide	12035-72-2	3077	2	11/27/2022	0.1% by weight (w/w)	
Toxic	60	1	Ethylene dibromide	106-93-4	1605	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	61	1	Ethylene oxide	75-21-8	1040	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	62	1	1,3-Butadiene	106-99-0	1010	2	11/27/2022	0.1% by weight (w/w)	
Toxic	63	1	Tetrachloroethylene	127-18-4	1897	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	64	1	Trichloroethylene	79-01-6	1710	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	65	1	Vinyl chloride	75-01-4	1086	2	11/27/2022	0.1% by weight (w/w)	
Toxic	66	1	Formaldehyde	50-00-0	2209	2,3	11/27/2022	0.1% by weight (w/w)	
Toxic	67	1	4,4'-Methylenebis (2-chloroaniline)	101-14-4	3077	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	68	1	Di (2-ethylhexyl) phthalate (DEHP)	117-81-7	-	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	68	1	Di (2-ethylhexyl) phthalate (DEHP)	117-81-7	-	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	68	2	Di-n-octyl phthalate (DNOP, DOP)	117-84-0	-	1	11/27/2022	0.1% by weight (w/w)	
Toxic	68	2	Di-n-octyl phthalate (DNOP, DOP)	117-84-0	-	1	11/27/2022	0.1% by weight (w/w)	
Toxic	68	3	Benzyl butyl phthalate (BBP)	85-68-7	3082	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	68	3	Benzyl butyl phthalate (BBP)	85-68-7	3082	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	68	4	Di-isonyl phthalate (DINP)	28553-12-0 68515-48-0	-	1	11/27/2022	0.1% by weight (w/w)	
Toxic	68	4	Di-isonyl phthalate (DINP)	28553-12-0 68515-48-0	-	1	11/27/2022	0.1% by weight (w/w)	
Toxic	68	5	Di-isodecyl phthalate (DIDP)	26761-40-0 68515-49-1	-	1	11/27/2022	0.1% by weight (w/w)	
Toxic	68	5	Di-isodecyl phthalate (DIDP)	26761-40-0 68515-49-1	-	1	11/27/2022	0.1% by weight (w/w)	
Toxic	68	6	Diethyl phthalate (DEP)	84-66-2	-	1	11/27/2022	0.1% by weight (w/w)	
Toxic	68	6	Diethyl phthalate (DEP)	84-66-2	-	1	11/27/2022	0.1% by weight (w/w)	
Toxic	68	7	1,2-Benzenedicarboxylic acid, di-C7-11, branched and linear alkyl esters < DHNUP >	68515-42-4	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	68	7	1,2-Benzenedicarboxylic acid, di-C7-11, branched and linear alkyl esters < DHNUP >	68515-42-4	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	68	8	1,2-Benzenedicarboxylic acid, di-C6-8, branched alkyl esters, C7-rich < DIHP >	71888-89-6	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	68	8	1,2-Benzenedicarboxylic acid, di-C6-8, branched alkyl esters, C7-rich < DIHP >	71888-89-6	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	68	9	Di-n-propyl phthalate (DPP)	131-16-8	3082	4	11/27/2022	0.1% by weight (w/w)	
Toxic	68	9	Di-n-propyl phthalate (DPP)	131-16-8	3082	4	11/27/2022	0.1% by weight (w/w)	
Toxic	68	10	Diisobutyl phthalate	84-69-5	3082	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	68	10	Diisobutyl phthalate	84-69-5	3082	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	68	21	Dibutyl phthalate < DBP >	84-62-8	3077	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	68	21	Dibutyl phthalate < DBP >	84-62-8	3077	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	68	22	Dibenzyl phthalate < DBZP >	523-31-9	3077	4	11/27/2022	0.1% by weight (w/w)	
Toxic	68	23	Mono (2-ethylhexyl) phthalate < MEHP >	4376-20-9	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	68	24	Mono-n-Butyl phthalate < MNBP >	131-70-4	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	69	1	1,3-Dichlorobenzene	541-73-1	3082	1	11/27/2022	0.1% by weight (w/w)	
Toxic	69	2	o-Dichlorobenzene < 1,2-Dichlorobenzene >	95-50-1	1591	1	11/27/2022	0.1% by weight (w/w)	
Toxic	70	1	1,2,4-Trichlorobenzene	120-82-1	2321	1	11/27/2022	0.1% by weight (w/w)	
Toxic	71	1	2-Ethoxyethanol < Ethylene glycol monoethyl ether >	110-80-5	1171	2	11/27/2022	0.1% by weight (w/w)	
Toxic	71	2	2-Methoxyethanol < Ethylene glycol monomethyl ether >	109-86-4	1188	2	11/27/2022	0.1% by weight (w/w)	
Toxic	72	1	1-Chloro-2,3-epoxypropane	106-89-8	2023	2	11/27/2022	0.1% by weight (w/w)	
Toxic	73	1	Phthalic anhydride	85-44-9	2214	3	11/27/2022	0.1% by weight (w/w)	
Toxic	74	1	Toluene disocyanate (mixed isomers)	26471-62-5	2078	3	11/27/2022	0.1% by weight (w/w)	
Toxic	75	1	1,2-Dichloroethane < Ethylene dichloride >	107-06-2	1184	4	11/27/2022	0.1% by weight (w/w)	
Toxic	76	1	1,1,2,2-Tetrachloroethane	79-34-5	1702	4	11/27/2022	0.1% by weight (w/w)	
Toxic	77	1	1,2-Dichloroethylene	540-59-0	1150	4	11/27/2022	0.1% by weight (w/w)	
Toxic	77	2	1,1-Dichloroethylene	75-35-4	1303	4	11/27/2022	0.1% by weight (w/w)	
Toxic	78	1	Chloromethane < Methyl chloride >	74-87-3	1063	4	11/27/2022	0.1% by weight (w/w)	
Toxic	79	1	Dichloromethane < Methylenechloride >	75-09-2	1593	4	11/27/2022	0.1% by weight (w/w)	
Toxic	80	1	Dimethyl phthalate < DMP >	131-11-3	3082	1	11/27/2022	0.1% by weight (w/w)	
Toxic	80	2	Dibutyl phthalate < DBP >	84-74-2	3082	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	81	1	Cumene	98-82-8	1918	4	11/27/2022	0.1% by weight (w/w)	
Toxic	82	1	Cyclohexane	110-82-7	1145	4	11/27/2022	0.1% by weight (w/w)	
Toxic	83	1	Chloroacetic acid	79-11-8	1751	4	11/27/2022	0.1% by weight (w/w)	
Toxic	84	1	Ethyl chloroformate	541-41-3	1182	4	11/27/2022	0.1% by weight (w/w)	
Toxic	85	1	2,4-Dinitrophenol	51-28-5	1320	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	86	1	Dimethyl sulfide	77-78-1	1595	2,3	11/27/2022	0.1% by weight (w/w)	
Toxic	87	1	Ethyleneimine	151-56-4	1185	2,3	11/27/2022	0.1% by weight (w/w)	
Toxic	88	1	Bis (2-chloro-1-methylethyl) ether	108-60-1	2490	1	11/27/2022	0.1% by weight (w/w)	
Toxic	89	1	Carbon disulfide	75-15-0	1131	1	11/27/2022	0.1% by weight (w/w)	
Toxic	90	1	Chlorobenzene	108-90-7	1134	1	11/27/2022	0.1% by weight (w/w)	
Toxic	91	1	Decabromodiphenyl ether	1163-19-5	-	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	91	2	Octabromodiphenyl ether	32536-52-0	3152	1	11/27/2022	0.1% by weight (w/w)	
Toxic	91	3	Pentabromodiphenyl ether	32534-81-9	3152	1	11/27/2022	0.1% by weight (w/w)	
Toxic	91	4	2,2',4,4'-tetrabromodiphenyl ether < BDE-47 >	40088-47-9	3151	1	11/27/2022	0.1% by weight (w/w)	
Toxic	91	5	2,2',4,4',5,5'-hexabromodiphenyl ether < BDE-153 >	68631-49-2	3152	1	11/27/2022	0.1% by weight (w/w)	
Toxic	91	6	2,2',4,4',5,6'-hexabromodiphenyl ether < BDE-154 >	207122-15-4	3152	1	11/27/2022	0.1% by weight (w/w)	
Toxic	91	7	2,2',3,3',4,5',6'-heptabromodiphenyl ether < BDE-175 >	446255-22-7	3152	1	11/27/2022	0.1% by weight (w/w)	
Toxic	91	8	2,2',3,4,4',5,6'-heptabromodiphenyl ether < BDE-183 >	207122-16-5	3152	1	11/27/2022	0.1% by weight (w/w)	
Toxic	92	1	Dibenzofuran	132-64-9	3077	1	11/27/2022	0.1% by weight (w/w)	
Toxic	93	1	1,4-Dioxane	123-91-1	1165	1	11/27/2022	0.1% by weight (w/w)	
Toxic	94	1	Dichloronaphthalene	1825-31-6	3077	1	11/27/2022	0.1% by weight (w/w)	
Toxic	94	2	Trichloronaphthalene	1321-65-9	2811	1	11/27/2022	0.1% by weight (w/w)	
Toxic	94	3	Tetrachloronaphthalene	1335-88-2	3077	1	11/27/2022	0.1% by weight (w/w)	
Toxic	94	4	Pentachloronaphthalene	1321-64-8	3077	1	11/27/2022	0.1% by weight (w/w)	
Toxic	94	5	Hexachloronaphthalene	1335-87-1	3077	1	11/27/2022	0.1% by weight (w/w)	
Toxic	94	6	Heptachloronaphthalene	32241-08-0	-	1	11/27/2022	0.1% by weight (w/w)	
Toxic	94	7	Octachloronaphthalene	2234-13-1	-	1	11/27/2022	0.1% by weight (w/w)	
Toxic	95	1	Methyl iodide	74-88-4	2644	1	11/27/2022	0.1% by weight (w/w)	
Toxic	96	1	B-Propiolactone	57-57-8	2810	1	11/27/2022	0.1% by weight (w/w)	
Toxic	97	1	Pyridine	110-86-1	1282	1	11/27/2022	0.1% by weight (w/w)	
Toxic	98	1	N,N-Dimethyl formamide	68-12-2	2265	1	11/27/2022	0.1% by weight (w/w)	
Toxic	98	2	Formamide	75-12-7	-	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	99	1	Nickel carbonyl	12463-39-3	1259	2	11/27/2022	0.1% by weight (w/w)	
Toxic	100	1	Acrolein	107-02-8	1092	2	11/27/2022	0.1% by weight (w/w)	
Toxic	101	1	Allyl alcohol	107-18-6	1098	3	11/27/2022	0.1% by weight (w/w)	
Toxic	102	1	1,2-Diphenylhydrazine	122-66-7	2811	3	11/27/2022	0.1% by weight (w/w)	
Toxic	103	1	Hydrogen cyanide	74-90-8	1051	3	11/27/2022	0.1% by weight (w/w)	
Toxic	104	1	Acetaldehyde	75-07-0	1089	4	11/27/2022	0.1% by weight (w/w)	
Toxic	105	1	Acetonitrile	75-05-8	1648	4	11/27/2022	0.1% by weight (w/w)	
Toxic	106	1	Benzyl chloride	100-44-7	1738	4	11/27/2022	0.1% by weight (w/w)	

Toxicity and chemical substances of concern



Toxic and Chemical Substances Bureau
Environmental Protection Administration
Executive Yuan, P.R.C. (Taiwan)

344 results (195 listed toxic)
Source: <https://www.chemradar.com/tools/cis/lmv/648faae551b8802d693c9f7>
Date of Last Update to List: 11/27/2022

Type	Listed No.	Series No.	Name	Cas No.	UN No.	Toxicity Classify	Date of Inclusion	Limit	notes from REC Silicon
Toxic	107	1	Butyl acrylate	141-32-2	2348	4	11/27/2022	0.1% by weight (w/w)	
Toxic	108	1	Butylaldehyde	123-72-8	1129	4	11/27/2022	0.1% by weight (w/w)	
Toxic	109	1	Calcium cyanamide	156-62-7	1403	4	11/27/2022	0.1% by weight (w/w)	
Toxic	110	1	Chloroacetic Acid	115-28-6	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	111	1	Chloroprene	126-99-8	1991	4	11/27/2022	0.1% by weight (w/w)	
Toxic	112	1	m-Cresol	108-39-4	2076	4	11/27/2022	0.1% by weight (w/w)	
Toxic	113	1	1,3-Dichloropropene	542-75-6	2047	4	11/27/2022	0.1% by weight (w/w)	
Toxic	114	1	Diethanolamine	111-42-2	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	115	1	Diphenylamine	122-39-4	3082	4	11/27/2022	0.1% by weight (w/w)	
Toxic	116	1	Ethylbenzene	100-41-4	1175	4	11/27/2022	0.1% by weight (w/w)	
Toxic	117	1	Methyl isobutyl ketone	108-10-1	1245	4	11/27/2022	0.1% by weight (w/w)	
Toxic	118	1	4,4'-Methylenedianiline	101-77-9	2651	4	11/27/2022	0.1% by weight (w/w)	
Toxic	119	1	Nitrotriacetic acid	139-13-9	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	120	1	Propane sulfone	1120-71-4	2811	4	11/27/2022	0.1% by weight (w/w)	
Toxic	121	1	Triethylamine	121-44-8	1296	4	11/27/2022	0.1% by weight (w/w)	
Toxic	122	1	p-Chloroacetophenone (w. Chloroacetophenone)	532-27-4	1697	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	123	1	Anthracene	120-12-7	3077	1	11/27/2022	0.1% by weight (w/w)	
Toxic	124	1	Dibromomethane (Methylenebromide)	74-95-3	2664	1	11/27/2022	0.1% by weight (w/w)	
Toxic	125	1	Bromoform (Tribromomethane)	75-25-2	2515	1	11/27/2022	0.1% by weight (w/w)	
Toxic	126	1	Chloroethane (Ethyl chloride)	75-00-3	1037	1	11/27/2022	0.1% by weight (w/w)	
Toxic	128	1	Hexachlorophene (2,2'-dihydroxy-3,3',5',5',6,6'-hexachlorodiphenylmethane)	70-30-4	2875	1	11/27/2022	0.1% by weight (w/w)	
Toxic	128	1	Hexachlorophene (2,2'-dihydroxy-3,3',5',5',6,6'-hexachlorodiphenylmethane)	70-30-4	2875	1	11/27/2022	0.1% by weight (w/w)	
Toxic	129	1	Nitrobenzene	98-95-3	1662	1	11/27/2022	0.1% by weight (w/w)	
Toxic	129	1	Nitrobenzene	98-95-3	1662	1	11/27/2022	0.1% by weight (w/w)	
Toxic	131	1	ethyl sulfate (Diethyl sulfate)	64-67-5	1594	2	11/27/2022	0.1% by weight (w/w)	
Toxic	131	1	ethyl sulfate (Diethyl sulfate)	64-67-5	1594	2	11/27/2022	0.1% by weight (w/w)	
Toxic	132	1	Hexamethylphosphoramide (HMPA)	680-31-9	-	2	11/27/2022	0.1% by weight (w/w)	
Toxic	132	1	Hexamethylphosphoramide (HMPA)	680-31-9	-	2	11/27/2022	0.1% by weight (w/w)	
Toxic	133	1	N-Nitroso-N-methylurea	684-93-5	2811	2	11/27/2022	0.1% by weight (w/w)	
Toxic	133	1	N-Nitroso-N-methylurea	684-93-5	2811	2	11/27/2022	0.1% by weight (w/w)	
Toxic	134	1	Nitrosodimethylamine (DMNA)	62-75-9	2810	2	11/27/2022	0.1% by weight (w/w)	
Toxic	134	1	Nitrosodimethylamine (DMNA)	62-75-9	2810	2	11/27/2022	0.1% by weight (w/w)	
Toxic	134	2	Diethylamine, N-nitroso- (Nitrosamine, diethyl)	55-18-5	2810	2	11/27/2022	0.1% by weight (w/w)	
Toxic	134	2	Diethylamine, N-nitroso- (Nitrosamine, diethyl)	55-18-5	2810	2	11/27/2022	0.1% by weight (w/w)	
Toxic	135	1	Tris (2,3-dibromopropyl) phosphate	126-72-7	-	2	11/27/2022	0.1% by weight (w/w)	
Toxic	135	1	Tris (2,3-dibromopropyl) phosphate	126-72-7	-	2	11/27/2022	0.1% by weight (w/w)	
Toxic	136	1	Vinyl bromide	593-60-2	1085	2	11/27/2022	0.1% by weight (w/w)	
Toxic	136	1	Vinyl bromide	593-60-2	1085	2	11/27/2022	0.1% by weight (w/w)	
Toxic	137	1	4,6-Dinitro-o-cresol	534-52-1	1598	3	11/27/2022	0.1% by weight (w/w)	
Toxic	137	1	4,6-Dinitro-o-cresol	534-52-1	1598	3	11/27/2022	0.1% by weight (w/w)	
Toxic	138	1	Methyl hydrazine	60-34-4	1244	3	11/27/2022	0.1% by weight (w/w)	
Toxic	139	1	Monofluoroacetamide	640-19-7	2811	3	11/27/2022	0.1% by weight (w/w)	
Toxic	140	1	Propargyl alcohol	107-19-7	2929/1986	3	11/27/2022	0.1% by weight (w/w)	
Toxic	141	1	Propylene imine	75-55-8	1921	3	11/27/2022	0.1% by weight (w/w)	
Toxic	142	1	Boron trifluoride	772/7637	1008	4	11/27/2022	0.1% by weight (w/w)	
Toxic	143	1	Crotonaldehyde<2-butenal>	4170-30-3	1143	4	11/27/2022	0.1% by weight (w/w)	
Toxic	144	1	Thiourea (thiocarbamide)	62-56-6	2811	4	11/27/2022	0.1% by weight (w/w)	
Toxic	145	1	2,4-Toluidinediamine (m-Tolylene-diamine - toluene-2,4-diamine)	95-80-7	1709	4	11/27/2022	0.1% by weight (w/w)	
Toxic	145	2	Toluidinediamines<mixed isomers> - <toluene diamine> - <mixed isomers>	25376-45-8	1709	4	11/27/2022	0.1% by weight (w/w)	
Toxic	146	1	Vinyl Acetate	108-05-4	1301	4	11/27/2022	0.1% by weight (w/w)	
Toxic	147	1	1,2-Dichloropropane	78-87-5	1279	1	11/27/2022	0.1% by weight (w/w)	
Toxic	148	1	Tributyltin oxide, Bis<tributyltin> oxide	56-35-9	2788	1	11/27/2022	0.1% by weight (w/w)	
Toxic	148	2	Triphenyltin hydroxide	76-87-9	2786	1	11/27/2022	0.1% by weight (w/w)	
Toxic	148	3	Tributyltin Acetate	56-36-0	3146	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	4	Tributyltin bromide	1461-23-0	2788	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	5	Tributyltin chloride	1461-22-9	2788	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	6	Tributyltin fluoride	10/4/1983	3146	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	7	Tributyltin hydride	688-73-3	1992	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	8	Tributyltin laurate	3090-36-6	3146	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	9	Tributyltin Malate	14275-57-1 - 4027-18-3	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	10	Tri-n-propyltinyltin	3440-79-7	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	11	Tri-n-propylisobutyltin	92154-74-0	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	12	Tri-n-propyl-n-butyltin	3634-62-6	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	13	Tri-n-propyltin iodide	7342-45-2	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	14	Triphenylbenzyltin	2847-58-7	3146	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	15	Triphenylmethyltin	1089-59-4	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	16	Triphenyl-p-tolyltin	15807-28-0	3146	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	17	Triphenyltin bromide	962-49-0	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	18	Triphenyltin fluoride	379-52-2	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	19	Triphenyltin iodide	894-09-7	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	20	Triphenyltin Acetate	900-95-8	3146	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	21	Triphenyltin chloride	639-58-7	3146	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	22	Triphenyl-α-naphthyltin	-	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	23	Tripropyltin bromide	2767-61-5	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	24	Tripropyltin chloride	2279-76-7	2788	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	25	Tripropyltin fluoride	-	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	26	Tributyltin bromide	-	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	27	Tributyltin chloride	353747-42-9	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	28	Tributyltin fluoride	353747-43-0	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	29	Tributyltin hydroxide	228262-76-8	3146	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	30	Tributyltin iodide	353747-44-1	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	31	Trisphenylstannyl-methane	-	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	32	Triisobutyltin bromide	353747-45-2	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	33	Triisobutyltin chloride	353747-46-3	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	34	Triisobutyltin fluoride	353747-47-4	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	148	35	Triisobutyltin iodide	353747-48-5	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	149	1	Hexachloroethane	67-72-1	-	1	11/27/2022	0.1% by weight (w/w)	
Toxic	150	1	Hexachloro-1,3-butadiene	87-68-3	2279	1	11/27/2022	0.1% by weight (w/w)	
Toxic	151	1	Beryllium	7440-41-7	1567	2	11/27/2022	0.1% by weight (w/w)	
Toxic	152	1	p-Chloro-o-toluidine	95-69-2	2239	2	11/27/2022	0.1% by weight (w/w)	
Toxic	153	1	Dimethylcarbamyl Chloride	79-44-7	2262	2	11/27/2022	0.1% by weight (w/w)	
Toxic	154	1	Styrene oxide	96-09-3	2810	2	11/27/2022	0.1% by weight (w/w)	
Toxic	155	1	1,2,3-Trichloropropene	96-18-4	2810	2	11/27/2022	0.1% by weight (w/w)	
Toxic	156	1	Fluorene	7782-43-4	1045	3	11/27/2022	0.1% by weight (w/w)	
Toxic	157	1	Phosphine	7803-51-2	2199	3	11/27/2022	0.1% by weight (w/w)	
Toxic	158	1	Phosphorus Trichloride	12/2/7719	1809	3	11/27/2022	0.1% by weight (w/w)	
Toxic	159	1	Thiosemicarbazide 1-amino-2-thiourea	79-19-6	2811	3	11/27/2022	0.1% by weight (w/w)	
Toxic	160	1	Methyl tert-butyl ether	1634-04-4	2398	4	11/27/2022	0.1% by weight (w/w)	
Toxic	161	1	2,4-Dichlorophenol	120-83-2	2020	4	11/27/2022	0.1% by weight (w/w)	
Toxic	162	1	Bromodichloromethane	75-27-4	2810	4	11/27/2022	0.1% by weight (w/w)	
Toxic	163	1	Dicyclopentadiene	77-73-6	2048	4	11/27/2022	0.1% by weight (w/w)	
Toxic	164	1	Hydrazine	302-01-2	2029	4	11/27/2022	0.1% by weight (w/w)	
Toxic	165	1	Nonyl phenol	25154-52-3 - 84852-15-3	3145	1	11/27/2022	0.1% by weight (w/w)	
Toxic	165	2	Nonylphenol polyethylene glycol ether	9016-45-9 - 26027-38-3	3082	1	11/27/2022	0.1% by weight (w/w)	
Toxic	166	1	4,4-isopropylidene diphenol< Bisphenol A>	80-05-7	3077	4	11/27/2022	0.1% by weight (w/w)	

Toxicity and chemical substances of concern



Toxic and Chemical Substances Bureau
Environmental Protection Administration
Executive Yuan, R.O.C. (Taiwan)

344 results (195 listed toxic)
Source: <https://www.chemradar.com/tools/cis/inventory/648faae551b8802d693c9f7>
Date of Last Update to List: 11/27/2022

Type	Listed No.	Series No.	Name	Cas No.	UN No.	Toxicity Classify	Date of Inclusion	Limit	notes from REC Silicon
Toxic	167	1	Mirex	2385-85-5	2761	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	168	1	Chlordecone	143-50-0	2761	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	169	1	Perfluorooctane sulfonic acid (PFOS)	1763-23-1	3077	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	169	2	Lithium perfluorooctane sulfonate	29457-72-5	-	1,2	11/27/2022	0.1% by weight (w/w)	
Toxic	169	3	Perfluorooctane sulfonamide	307-35-7	3265	1	11/27/2022	0.1% by weight (w/w)	
Toxic	169	4	Perfluorooctanoic acid (PFOA)	335-67-1	3261	1	11/27/2022	0.1% by weight (w/w)	
Toxic	170	1	Pentachlorobenzene	608-93-5	3077	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	171	1	Hexabromobiphenyl	36355-01-8	3152	1	11/27/2022	0.1% by weight (w/w)	
Toxic	172	1	Endosulfan < Technical endosulfan >	115-29-7	2761	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	172	2	Alpha < C > endosulfan	959-98-8	2761	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	172	3	Beta < B > endosulfan	33213-65-9	2761	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	172	4	Endosulfan sulfate	1031-07-8	2761	1,3	11/27/2022	0.1% by weight (w/w)	
Toxic	173	1	Tris < 2-chloroethyl > phosphate < TCEP >	115-96-8	2810	2	11/27/2022	0.1% by weight (w/w)	
Toxic	174	1	Hexabromocyclododecane	3194-55-6 · 25637-99-4	3077	1	11/27/2022	0.1% by weight (w/w)	
Toxic	174	2	alpha-hexabromocyclododecane	134237-50-6	-	1	11/27/2022	0.1% by weight (w/w)	
Toxic	174	3	beta-hexabromocyclododecane	134237-51-7	-	1	11/27/2022	0.1% by weight (w/w)	
Toxic	174	4	gamma-hexabromocyclododecane	134237-52-8	-	1	11/27/2022	0.1% by weight (w/w)	
Toxic	175	1	Malachite green	569-64-2	2811	4	11/27/2022	0.1% by weight (w/w)	
Toxic	176	1	Malonic acid	110-16-7	2215	4	11/27/2022	0.1% by weight (w/w)	
Toxic	176	2	Malonic anhydride	108-31-6	2215	4	11/27/2022	0.1% by weight (w/w)	
Toxic	177	1	(4-Ethoxyphenyl) urea, Dulcin	150-69-6	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	178	1	Potassium bromate	1/2/7758	1484	4	11/27/2022	0.1% by weight (w/w)	
Toxic	179	1	Dimethyl fumarate (DMF)	624-49-7	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	180	1	Benzyl violet 4B	1694-09-3	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	181	1	Metanil yellow	587-98-4	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	182	1	Rhodamine B	81-89-9	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	183	1	Butter yellow	60-11-7	2811	4	11/27/2022	0.1% by weight (w/w)	
Toxic	184	1	Sodium hydroxymethanesulfinate	6035-47-8 · 149-44-0	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	185	1	Melamine	108-78-1	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	186	1	Coumarin	91-64-5	2811	4	11/27/2022	0.1% by weight (w/w)	
Toxic	187	1	Sudan 1	842-07-9	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	187	2	Sudan 2	3118-97-6	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	187	3	Sudan 3	85-86-9	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	187	4	Sudan 4	85-83-6	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	187	5	Sudan Red G	1229-55-6	3143	4	11/27/2022	0.1% by weight (w/w)	
Toxic	187	6	Sudan Orange G	2051-85-6	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	187	7	Sudan Black B	4197-25-5	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	187	8	Sudan Red 7B	6268-72-5	3077	4	11/27/2022	0.1% by weight (w/w)	
Toxic	188	1	Diethyl yellow/Solvent yellow 56	2481-94-9	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	189	1	Basic orange 2	532-82-1	3077	4	11/27/2022	0.1% by weight (w/w)	
Toxic	190	1	Auramine	2465-27-2	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	191	1	Red No. 2	915-67-3	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	192	1	Asorubine	3567-69-9	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	193	1	Orange 2	633-96-5	-	4	11/27/2022	0.1% by weight (w/w)	
Toxic	194	1	Short-chain chlorinated paraffins (SCCPs)	85535-84-8	3082	1	11/27/2022	0.1% by weight (w/w)	
Toxic	195	1	DICOFOL	115-32-2 · 10606-46-9	3077	1,3	11/27/2022	0.1% by weight (w/w)	

Source: <https://monographs.iarc.who.int/list-of-classifications>
 Date of Last Update to List: 9/22/2024

CAS No.	Agent	Group	Volume	Volume Publication Year	Evaluation Year	Additional Information	Limit	Notes from BRC Session
	Alba vera, whole leaf extract	2B	108	2016	2013		0.1% by weight (w/w)	
	<i>Chlorobacterium meningosepticum</i> (infection with)	1	64, 100B	2012	2009		0.1% by weight (w/w)	
	<i>Fusarium graminearum</i> , <i>F. culmorum</i> , and <i>F. crookwellense</i> , toxins derived from [<i>zearalenone</i> , <i>deoxynivalenol</i> , <i>nivalenol</i> , and <i>fusarenon</i> X]	3	Sup 7, 56	1993	1992		0.1% by weight (w/w)	
	<i>Fusarium sporotrichioides</i> , toxins derived from (T-2 toxin)	3	56	1993	1992		0.1% by weight (w/w)	
	<i>Helicobacter pylori</i> (infection with)	1	64, 100B	2012	2009		0.1% by weight (w/w)	
	Microcystis extracts	3	84	2010	2006		0.1% by weight (w/w)	
	<i>Opisthorchis felinus</i> (infection with)	3	63	1994	1994		0.1% by weight (w/w)	
	<i>Opisthorchis viverrini</i> (infection with)	3	64, 100B	2012	2009		0.1% by weight (w/w)	
	<i>Schistosoma haematobium</i> (infection with)	1	64, 100B	2012	2009		0.1% by weight (w/w)	
	<i>Schistosoma japonicum</i> (infection with)	2B	61	1994	1994		0.1% by weight (w/w)	
	<i>Schistosoma mansoni</i> (infection with)	3	64	1994	1994		0.1% by weight (w/w)	
	Acheson process, occupational exposure associated with	3	111	2017	2014		0.1% by weight (w/w)	
	Acid mists, strong inorganic	1	54, 100F	2012	2009		0.1% by weight (w/w)	
	Acrylic fibers	3	10, Sup 7	1987	1987		0.1% by weight (w/w)	
	Acrylonitrile-butadiene-styrene copolymers	3	13, Sup 7	1987	1987		0.1% by weight (w/w)	
	Alcoholic beverages	1	44, 86, 100F	2012	2009		0.1% by weight (w/w)	
	Alpha particles (see Radionuclides)							
	Aluminum production	3	34, Sup 7, 92, 100F	2012	2009		0.1% by weight (w/w)	
	Anesthetics, volatile	3	13, Sup 7	1987	1987		0.1% by weight (w/w)	
	Androgenic (anabolic) steroids	2A	Sup 7	1987	1987		0.1% by weight (w/w)	
	Areca nut	1	85, 100E	2012	2009		0.1% by weight (w/w)	
	Arceoline	2B	128	2021 online	2020		0.1% by weight (w/w)	
	Art glass, glass containers and pressed ware (manufacture of)	2A	58	1993	1993		0.1% by weight (w/w)	
	Auramine production	1	Sup 7, 99, 100F	2012	2009		0.1% by weight (w/w)	
	Bit polybenzoxazine (BtBz)	2B	104	2014	2013		0.1% by weight (w/w)	
	Benzidine, dyes metabolized to	1	99, 100F	2012	2009	NB Overall evaluation upgraded to Group 1 based on mechanistic and other relevant data	0.1% by weight (w/w)	
	Beta particles (see Radionuclides)							
	Betel quid with tobacco	1	Sup 7, 85, 100E	2012	2009		0.1% by weight (w/w)	
	Betel quid without tobacco	1	Sup 7, 85, 100E	2012	2009		0.1% by weight (w/w)	
	Biomass fuel (primarily wood), indoor emissions from household combustion of	2A	93	2010	2006		0.1% by weight (w/w)	
	Blisulfites	3	54	1992	1991		0.1% by weight (w/w)	
	Bitumens, occupational exposure to hard bitumens and their emissions during mastic asphalt work	2B	103	2013	2011		0.1% by weight (w/w)	
	Boat and shoe manufacture and repair (see Leather dust, Benzene)	1	25, Sup 7	1987	1987		0.1% by weight (w/w)	
	Bracken fern	2B	40, Sup 7	1987	1987		0.1% by weight (w/w)	
	Calcium carbide production	3	92	2010	2005		0.1% by weight (w/w)	
	Carbon electrode manufacture	3A	93	2010	2005		0.1% by weight (w/w)	
	Carpentry and joinery	2B	25, Sup 7	1987	1987		0.1% by weight (w/w)	
	Ceramic implants	3	74	1999	1999		0.1% by weight (w/w)	
	Chemical weaving (see Scott)	3	92	2010	2005		0.1% by weight (w/w)	
	Chlorinated drinking water	3	92	1991	1990		0.1% by weight (w/w)	
	Chlorinated paraffins of average carbon chain length C12 and average degree of chlorination approximately 60%	2B	48	1990	1989		0.1% by weight (w/w)	
	Chlorophenols (see Polychlorophenols)							
	Chlorophenoxy herbicides	2B	41, Sup 7	1987	1987		0.1% by weight (w/w)	
	Coal dust	3	68	1997	1996		0.1% by weight (w/w)	
	Coal gasification	1	Sup 7, 92, 100F	2012	2009		0.1% by weight (w/w)	
	Coal, indoor emissions from household combustion of	1	95, 100E	2012	2009		0.1% by weight (w/w)	
	Cobalt and cobalt compounds, see Soluble cobalt(II) salts, Cobalt metal (without tungsten carbide or other metal alloys), Cobalt(II) oxide, Cobalt(III) oxide, Cobalt(II) sulfide, and Other cobalt(II) compounds (not including Soluble cobalt(II) salts, Cobalt(II) oxide, Cobalt(III) oxide, or Cobalt(II) sulfide)							
	Cobalt metal without tungsten carbide, see Cobalt metal (without tungsten carbide or other metal alloys)							
	Cobalt sulfate and other soluble cobalt(II) salts, see Soluble cobalt(II) salts							
	Coffee, drinking	3	54, 116	2018 online	2016	NB There is "evidence suggesting lack of carcinogenicity" in humans of coffee drinking for cancers of the pancreas, liver, female breast, uterine endometrium, and prostate. Inverse associations with coffee drinking have been observed with cancers of the liver and uterine endometrium.	0.1% by weight (w/w)	
	Color production	1	Sup 7, 92, 100F	2012	2009		0.1% by weight (w/w)	
	Continuous glass filament (see Glass filament)							
	Dental materials	3	74	1999	1999		0.1% by weight (w/w)	
	Depleted uranium (see Radionuclides, alpha-particle-emitting, internally deposited)							
	Diesel engine exhaust (see Engine exhaust, diesel)							
	Diesel fuel, marine	2B	45	1989	1988	NB Overall evaluation upgraded to Group 2B with supporting evidence from other relevant data	0.1% by weight (w/w)	
	Diesel fuel, distillate (light)	3	45	1989	1988		0.1% by weight (w/w)	
	Dye cleaning (occupational exposures in)	2B	63	1995	1995		0.1% by weight (w/w)	
	Dyes, metabolized to benzidine (see Benzidine, dyes metabolized to)							
	Electric fields, extremely low-frequency	3	89	2002	2001		0.1% by weight (w/w)	
	Electric fields, static	3	89	2002	2001		0.1% by weight (w/w)	
	Engine exhaust, diesel	1	46, 105	2014	2012		0.1% by weight (w/w)	
	Engine exhaust, gasoline	2B	46, 105	2014	2012		0.1% by weight (w/w)	
	Epstein-Barr virus	1	70, 100B	2012	2009		0.1% by weight (w/w)	
	Estrogen therapy, postmenopausal	1	72, 100A	2012	2008	NB There is "evidence suggesting lack of carcinogenicity" for estrogen only menopausal therapy in humans and cancer of the colorectum. An inverse association has been observed between estrogen-only menopausal therapy and cancer of the colorectum.	0.1% by weight (w/w)	
	Estrogen-progestogen menopausal therapy (combined)	1	72, 91, 100A	2012	2008		0.1% by weight (w/w)	
	Estrogen-progestogen oral contraceptives (combined)	1	72, 91, 100A	2012	2008	NB There is "evidence suggesting lack of carcinogenicity" for combined estrogen-progestogen oral contraceptives in humans and cancers of the endometrium, ovary, and colorectum. An inverse association has been observed between combined estrogen-progestogen oral contraceptives and cancers of the endometrium, ovary, and colorectum.	0.1% by weight (w/w)	
	Firefighter (occupational exposure as)	1	98, 132	2023 online	2022		0.1% by weight (w/w)	
	Fission products, including strontium-90	1	100D	2012	2009		0.1% by weight (w/w)	
	Flat glass and specialty glass (manufacture of)	3	58	1993	1992		0.1% by weight (w/w)	
	Fluorescent lighting	3	55	1992	1992		0.1% by weight (w/w)	
	Fluoro-edenite fibrous amphibole	1	111	2017	2014		0.1% by weight (w/w)	
	Foreign bodies (see Ceramic implants, Dental materials, implanted foreign bodies, Metallic implants, Organic polymeric materials, Orthopaedic implants, Polymeric implants, Silicone breast implants)							
	Frying, emissions from high-temperature	2A	95	2010	2006		0.1% by weight (w/w)	
	Fuel oils, distillate (light)	3	45	1989	1988		0.1% by weight (w/w)	
	Fuel oils, residual (heavy)	2B	45	1989	1988		0.1% by weight (w/w)	
	Furniture and cabinet making (see Wood dust)							
	Gamma-Radiation (see X- and Gamma-Radiation)							
	Gasoline (see also Gasoline engine exhaust)	2B	45	1989	1988	NB Overall evaluation upgraded to Group 2B with supporting evidence from other relevant data	0.1% by weight (w/w)	
	Gasoline engine exhaust (see Engine exhaust, gasoline)							
	Glass filament, continuous	3	43, 81	2002	2001		0.1% by weight (w/w)	
	Goldenseal root powder	2B	108	2016	2013		0.1% by weight (w/w)	
	Haematite mining (underground)	1	1, Sup 7, 100D	2012	2009		0.1% by weight (w/w)	
	Hair coloring products (personal use of)	3	57, 99	2010	2008		0.1% by weight (w/w)	
	Hairdresser or barber (occupational exposure as)	2A	57, 99	2010	2008		0.1% by weight (w/w)	
	Hepatitis B virus (chronic infection with)	1	59, 100B	2012	2009		0.1% by weight (w/w)	
	Hepatitis C virus (chronic infection with)	1	59, 100B	2012	2009		0.1% by weight (w/w)	
	Hepatitis D virus	3	59	1994	1993		0.1% by weight (w/w)	
	Hexachlorocyclohexanes	2B	20, Sup 7	1987	1987		0.1% by weight (w/w)	
	High-temperature frying (see Frying)							
	Household combustion of biomass fuel (see Biomass fuel, indoor emissions from household combustion of)							
	Household combustion of coal (see Coal, indoor emissions from household combustion)							
	Human T-cell lymphotropic virus type 1	1	67, 100B	2012	2009		0.1% by weight (w/w)	
	Human T-cell lymphotropic virus type II	3	67	1996	1996		0.1% by weight (w/w)	
	Human herpesvirus type 4 (see Epstein-Barr virus)							
	Human herpesvirus type 8 (see Kaposi sarcoma herpesvirus)							
	Human immunodeficiency virus type 1 (infection with)	1	67, 100B	2012	2009		0.1% by weight (w/w)	
	Human immunodeficiency virus type 2 (infection with)	2B	67	1996	1996		0.1% by weight (w/w)	
	Human papillomavirus (HPV) genus beta (except types 5 and 8) and genus gamma	3	90, 100B	2012	2009		0.1% by weight (w/w)	
	Human papillomavirus (HPV) type 16	1	64, 90, 100B	2012	2009	NB The HPV types that have been classified as carcinogenic to humans can differ by an order of magnitude in risk for cervical cancer	0.1% by weight (w/w)	
	Human papillomavirus (HPV) type 18	1	64, 90, 100B	2012	2009	NB The HPV types that have been classified as carcinogenic to humans can differ by an order of magnitude in risk for cervical cancer	0.1% by weight (w/w)	
	Human papillomavirus (HPV) type 33	1	64, 90, 100B	2012	2009	NB The HPV types that have been classified as carcinogenic to humans can differ by an order of magnitude in risk for cervical cancer	0.1% by weight (w/w)	
	Human papillomavirus (HPV) type 68	2A	100B	2012	2009		0.1% by weight (w/w)	
	Human papillomavirus (HPV) types 31, 35, 39, 45, 51, 52, 56, 58, 59	1	64, 90, 100B	2012	2009	NB The HPV types that have been classified as carcinogenic to humans can differ by an order of magnitude in risk for cervical cancer	0.1% by weight (w/w)	
	Human papillomavirus (HPV) types 26, 53, 66, 67, 70, 73, 82	2B	100B	2012	2009		0.1% by weight (w/w)	
	Human papillomavirus (HPV) types 30, 34, 69, 85, 87	2B	100B	2012	2009	NB Classified by phylogenetic analogy to the HPV genus alpha types classified in Group 1	0.1% by weight (w/w)	
	Human papillomavirus (HPV) types 5 and 8 (in patients with endometrioid/cystoid verruciform)	3	100B	2012	2009		0.1% by weight (w/w)	
	Human papillomavirus (HPV) types 6 and 11	3	90, 100B	2012	2009		0.1% by weight (w/w)	
	Hypochlorite salts	3	52	1991	1990		0.1% by weight (w/w)	

Source: <https://monographs.iarc.who.int/list-of-classifications>
Date of Last Update to List: 9/22/2024

CAS No.	Agent	Group	Volume	Volume Publication Year	Evaluation Year	Additional Information	Limit	Notes from IARC Monograph
	Implanted foreign bodies of metallic chromium or titanium and of cobalt-based, chromium-based, and titanium-based alloys, and stainless steel	3	74	1999	1999		0.1% by weight (w/w)	
	Implanted foreign bodies of metallic cobalt, metallic nickel and an alloy powder containing 66-67% nickel, 13-16% chromium, and 7% iron	3	74	1999	1999		0.1% by weight (w/w)	
	Insulation glass wool	3	43, 81	2002	2001		0.1% by weight (w/w)	
	Involuntarily smoking (see Tobacco smoke, secondhand)						0.1% by weight (w/w)	
	Ionizing radiation (all types)	1	1000	2012	2009		0.1% by weight (w/w)	
	Iron and steel foundry (occupational exposure during)	1	34, Sup 7, 100F	2012	2009		0.1% by weight (w/w)	
	Isopropyl alcohol manufacture using strong acids	1	Sup 7, 100F	2012	2009		0.1% by weight (w/w)	
	Isopropyl alcohols	3	15, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
	JC polyomavirus (JCV)	2B	104	2014	2012		0.1% by weight (w/w)	
	Jet fuel	3	44	1989	1988		0.1% by weight (w/w)	
	Kaposi sarcoma herpesvirus	1	70, 100B	2012	2009		0.1% by weight (w/w)	
	Lead compounds, inorganic	2A	Sup 7, 87	2006	2004		0.1% by weight (w/w)	
	Lead compounds, organic	3	21, Sup 7, 87	2006	2004	NB Organic lead compounds are metabolized at least in part, to ionic lead both in humans and animals. To the extent that ionic lead, generated from organic lead, is present in the body, it will be expected to exert the toxicities associated with inorganic lead	0.1% by weight (w/w)	
	Leather dust	1	100C	2012	2009		0.1% by weight (w/w)	
	Leather goods manufacture (see also Leather dust)	3	25, Sup 7	1987	1987		0.1% by weight (w/w)	
	Leather tanning and processing	3	25, Sup 7	1987	1987		0.1% by weight (w/w)	
	Lumber and sawmill industries (including logging)	3	25, Sup 7	1987	1987		0.1% by weight (w/w)	
	M20P and other combined chemotherapy including alkylating agents	1	Sup 7, 100A	2012	2008		0.1% by weight (w/w)	
	Madder root (Rubia tinctorum)	3	81	2002	2002		0.1% by weight (w/w)	
	Magenta production	1	Sup 7, 57, 99, 100F	2012	2009		0.1% by weight (w/w)	
	Magnetic fields, extremely low-frequency	2B	88	2002	2001		0.1% by weight (w/w)	
	Magnetic fields, static	3	80	2002	2001		0.1% by weight (w/w)	
	Malaria (caused by infection with Plasmodium falciparum in holoendemic areas)	2A	104	2014	2012		0.1% by weight (w/w)	
	Mate, hot (see Very hot beverages)						0.1% by weight (w/w)	
	Mate, not very hot (drinking)	3	51, 116	2018 online	2016		0.1% by weight (w/w)	
	Merkel cell polyomavirus (MCV)	2A	104	2014	2012		0.1% by weight (w/w)	
	Metalsulphides	3	54	1992	1991		0.1% by weight (w/w)	
	Metallic implants prepared as thin smooth films	3	74	1999	1999		0.1% by weight (w/w)	
	Methylmercury compounds	2B	58	1993	1993	NB Evaluated as a group	0.1% by weight (w/w)	
	Mineral oils, highly refined	3	33, Sup 7	1987	2009		0.1% by weight (w/w)	
	Mineral oils, untreated or mildly treated	1	33, Sup 7, 100F	2012	2009		0.1% by weight (w/w)	
	Modacrylic fibres	3	15, Sup 7	1987	1987		0.1% by weight (w/w)	
	Neutron radiation	1	75, 100D	2012	2009	NB Overall evaluation upgraded to Group 1 with supporting evidence from other relevant data	0.1% by weight (w/w)	
	Nickel compounds	1	Sup 7, 49, 100C	2012	2009		0.1% by weight (w/w)	
	Nickel refining (see Nickel compounds)	3	11	1976	1976		0.1% by weight (w/w)	
	Night shift work	2A	98, 124	2020 online	2019	NB Volume 98 evaluated shiftwork that involves circadian disruption	0.1% by weight (w/w)	
	Nitrate or nitrite (ingested) under conditions that result in endogenous nitrosation	2A	94	2010	2006		0.1% by weight (w/w)	
	Non-occupational insecticides (occupational exposures in spraying and application off)	2A	53	1991	1990		0.1% by weight (w/w)	
	Oral contraceptives (see Estrogen)						0.1% by weight (w/w)	
	Oral contraceptives, combined estrogen-progestogen (see Estrogen-progestogen oral contraceptives)						0.1% by weight (w/w)	
	Organic polymeric materials	3	74	1999	1999		0.1% by weight (w/w)	
	Orthopaedic implants of complex composition and cardiac pacemakers	3	74	1999	1999		0.1% by weight (w/w)	
	Other cobalt(II) compounds (not including Soluble cobalt(II) salts, Cobalt(II) oxide, Cobalt(III) oxide, and Cobalt(II) sulfide)	3	52, 86, 131	2023 online	2022		0.1% by weight (w/w)	
	Outdoor air pollution	1	109	2016	2013		0.1% by weight (w/w)	
	Outdoor air pollution, particulate matter in	1	109	2016	2013		0.1% by weight (w/w)	
	Oxymetholone (see Androgenic (anabolic) steroids)						0.1% by weight (w/w)	
	Paint manufacture (occupational exposure in)	3	47	1989	2009		0.1% by weight (w/w)	
	Painter (occupational exposure as a)	1	47, 98, 100F	2012	2009		0.1% by weight (w/w)	
	Particulate matter in outdoor air pollution (see Outdoor air pollution, particulate matter in)						0.1% by weight (w/w)	
	Paunch and roofing with coal-tar pitch (see Coal-tar pitch)						0.1% by weight (w/w)	
	Pentavalent antimony	3	131	2023 online	2022		0.1% by weight (w/w)	
	Petroleum refining (occupational exposures in)	2A	45	1989	1988		0.1% by weight (w/w)	
	Petroleum solvents	3	47	1989	1988		0.1% by weight (w/w)	
	Phenacetin, analgesic mixtures containing	1	Sup 7, 100A	2012	2008		0.1% by weight (w/w)	
	Pickled vegetables (traditional Asian)	2B	56	1993	1992		0.1% by weight (w/w)	
	Polychlorinated biphenyls, dioxin-like, with a Toxicity Equivalency Factor (TEF) according to WHO (PCBs 77, 81, 105, 114, 118, 123, 126, 156, 157, 167, 169, 189)	1	107	2016	2013	NB Overall evaluation upgraded to Group 1 with strong supporting evidence from other relevant data	0.1% by weight (w/w)	
	Polychlorinated dibenzo-p-dioxins (other than 2,3,7,8-tetrachlorodibenzo-p-dioxin)	3	69	1997	1997		0.1% by weight (w/w)	
	Polychlorinated dibenzofurans (see 2,3,7,8-tetrachlorodibenzofuran)	3	69	1997	1997		0.1% by weight (w/w)	
	Polychlorophenols and their sodium salts (mixed exposures) (see Pentachlorophenol, 2,4,6-Trichlorophenol)	2B	53, 71	1999	1998		0.1% by weight (w/w)	
	Polymeric implant prepared as thin smooth films (with the exception of polyglycolic acid)	2B	74	1999	1999		0.1% by weight (w/w)	
	Printing inks	3	65	1996	1995		0.1% by weight (w/w)	
	Printing processes (occupational exposures in)	2B	66	1996	1995		0.1% by weight (w/w)	
	Processed meat (consumption off)	1	114	2018	2015		0.1% by weight (w/w)	
	Proflazine salts	3	24, Sup 7	1987	1987		0.1% by weight (w/w)	
	Progesterone (see also Progestogen-only contraceptives)	2B	Sup 7	1987	1987		0.1% by weight (w/w)	
	Progestogen-only contraceptives	2B	72	1999	1998		0.1% by weight (w/w)	
	Pulp and paper manufacture	3	26, Sup 7	1987	1987		0.1% by weight (w/w)	
	Radiofrequency electromagnetic fields	3	102	2012	2011		0.1% by weight (w/w)	
	Radionuclides, including iodine-131	1	78, 100D	2012	2009		0.1% by weight (w/w)	
	Radionuclides, alpha-particle-emitting, internally deposited	1	78, 100D	2012	2009	NB Specific radionuclides for which there is sufficient or limited evidence in humans are also listed individually as Group 1 agents	0.1% by weight (w/w)	
	Radionuclides, beta-particle-emitting, internally deposited	1	78, 100D	2012	2009	NB Specific radionuclides for which there is sufficient evidence in humans are also listed individually as Group 1 agents	0.1% by weight (w/w)	
	Red meat (consumption off)	2A	114	2018	2015		0.1% by weight (w/w)	
	Refractory ceramic fibres	2B	43, 81	2002	2001		0.1% by weight (w/w)	
	Rock (stone) wool	3	43, 81	2002	2001		0.1% by weight (w/w)	
	Rubber manufacturing industry	1	28, Sup 7, 100F	2012	2009		0.1% by weight (w/w)	
	SV40 polyomavirus	3	104	2014	2012		0.1% by weight (w/w)	
	Salled fish, Chinese-style	1	56, 100E	2012	2009		0.1% by weight (w/w)	
	Silicone breast implants	3	74	1999	1999		0.1% by weight (w/w)	
	Slag wool	3	43, 81	2002	2001		0.1% by weight (w/w)	
	Solar radiation (see Ultraviolet radiation (wavelengths 100–400 nm, encompassing UVA, UVB, and UVC); Ultraviolet radiation from welding; and Ultraviolet-emitting tanning devices)						0.1% by weight (w/w)	
	Soluble cobalt(II) salts	1	55, 100D	2012	2009		0.1% by weight (w/w)	
	Soot (as found in occupational exposure of chimney sweeps)	1	35, Sup 7, 92, 100F	2012	2009		0.1% by weight (w/w)	
	Special-purpose fibres such as E-glass and 475-glass fibres	2B	81	2002	2001		0.1% by weight (w/w)	
	Sulfites	3	54	1992	1991		0.1% by weight (w/w)	
	Suntans and sunbeds (see Ultraviolet-emitting tanning devices)						0.1% by weight (w/w)	
	Surgical implants (see Ceramic implants, Dental materials, Implanted foreign bodies, Metallic implants, Organic polymeric materials, Orthopaedic implants, Polymeric implants, Silicone breast implants)						0.1% by weight (w/w)	
	Tea	3	51	1991	1990		0.1% by weight (w/w)	
	Testosterone (see Androgenic (anabolic) steroids)						0.1% by weight (w/w)	
	Tetrahydrocannabinol (tetrahydrocannabinol)	3	48, 71	1999	1998		0.1% by weight (w/w)	
	Textile manufacturing industry (work in)	3	48	1990	1989		0.1% by weight (w/w)	
	Tobacco smoke, secondhand	1	81, 100E	2012	2009		0.1% by weight (w/w)	
	Tobacco smoking	1	81, 100E	2012	2009		0.1% by weight (w/w)	
	Tobacco, smoked	1	Sup 7, 89, 100E	2012	2009		0.1% by weight (w/w)	
	Toxins derived from certain Fusarium species (see Fusarium)						0.1% by weight (w/w)	
	Trivalent antimony	2A	47, 131	2023 online	2022		0.1% by weight (w/w)	
	Ultraviolet radiation from welding (see Ultraviolet radiation (wavelengths 100–400 nm, encompassing UVA, UVB, and UVC); Ultraviolet-emitting tanning devices; and Solar radiation)						0.1% by weight (w/w)	
	Ultraviolet radiation (wavelengths 100–400 nm, encompassing UVA, UVB, and UVC) (see Ultraviolet radiation from welding; Ultraviolet-emitting tanning devices; and Solar radiation)						0.1% by weight (w/w)	
	Ultraviolet-emitting tanning devices (see Ultraviolet radiation (wavelengths 100–400 nm, encompassing UVA, UVB, and UVC); Ultraviolet radiation from welding; and Solar radiation)						0.1% by weight (w/w)	
	Urethane (see 1,3-bis(methylene)bis(isocyanate))						0.1% by weight (w/w)	
	Very hot beverages (at about 65 °C (drinking))	2A	116	2018 online	2016		0.1% by weight (w/w)	
	Weapons grade tungsten (with nickel and cobalt) alloy	2B	131	2023 online	2022		0.1% by weight (w/w)	
	Welding fumes	1	49, 118	2018 online	2017		0.1% by weight (w/w)	
	Wood dust	1	62, 100C	2012	2009		0.1% by weight (w/w)	
	Wood smoke (see Biomass fuel, indoor emissions from household combustion)						0.1% by weight (w/w)	
	X- and Gamma Radiation	1	75, 100D	2012	2009		0.1% by weight (w/w)	
100-00-5	4-Chlorobromobenzene	2B	65, 123	2020 online	2018		0.1% by weight (w/w)	
100-17-4	para-Nitroanisole	2B	123	2020 online	2018		0.1% by weight (w/w)	
100-40-3	4-Vinylcyclohexene	2B	Sup 7, 60	1994	1994		0.1% by weight (w/w)	
100-41-8	Ethylbenzene	2B	77	2000	2000		0.1% by weight (w/w)	
100-42-5	Benzene	2A	60, 82, 123	2019	2018		0.1% by weight (w/w)	
100-71-4	N-Nitrosopiperidine	2B	17, Sup 7	1987	1987		0.1% by weight (w/w)	
10043-66-0	Iodine-131 (see Radionuclides)						0.1% by weight (w/w)	
12043-92-3	Radon-222 and its decay products	1	41, 78, 100D	2012	2009		0.1% by weight (w/w)	
10048-13-2	Senftenbergite	2B	10, Sup 7	1987	1987		0.1% by weight (w/w)	
10048-33-5	Paraoxon acid	3	10, Sup 7	1987	1987		0.1% by weight (w/w)	
10098-97-2	Strontium-90 (see Fission products)						0.1% by weight (w/w)	
101-144-4	4,4'-Methylenebis(2-chloroaniline) (MOCA)	1	Sup 7, 57, 99, 100F	2012	2009	NB Overall evaluation upgraded to Group 1 based on mechanistic and other relevant data	0.1% by weight (w/w)	
101-21-3	Chlorobenzene	3	Sup 7	1987	1987		0.1% by weight (w/w)	
101-25-7	Dinitrosopentamethyltetraamine	3	11, Sup 7	1987	1987		0.1% by weight (w/w)	
101-61-1	Mitchell's base (4,4'-methylenebis(N,N-dimethyl)benzamine)	2B	27, Sup 7, 99	2010	2008		0.1% by weight (w/w)	

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 Date of last update to list: 9/22/2024

CAS No.	Agent	Group	Volume	Volume Publication Year	Evaluation Year	Additional Information	Limit	Notes from IARC Monographs
101-68-8	4,4'-Methylenediphenyl diisocyanate	3	19, Sup. 7, 71	1999	1998		0.1% by weight (w/w)	
107-73-9	4,4'-Methylenedianiline	2B	36, Sup. 7	1987	1987		0.1% by weight (w/w)	
101-80-4	4,4'-Oxidobis(phenyl ether)	2B	29, Sup. 7	1987	1987		0.1% by weight (w/w)	
101-90-6	Diethylstilbestrol ether	2B	36, Sup. 7, 71	1999	1999		0.1% by weight (w/w)	
101041-37-2	Microcystin-LR	2B	94	2010	2006		0.1% by weight (w/w)	
103-50-2	meta-Cresidine	3	17, Sup. 7	1987	1987		0.1% by weight (w/w)	
103-03-7	Phenylcarbazide	3	12, Sup. 7	1987	1987		0.1% by weight (w/w)	
103-11-7	2-Ethylhexyl acrylate	3B	60, 122	2020	2018		0.1% by weight (w/w)	
103-23-1	Dib(2-ethylhexyl) adipate	3	Sup. 7, 77	2000	2000		0.1% by weight (w/w)	
103-33-3	Azobenzene	3	8, Sup. 7	1987	1987		0.1% by weight (w/w)	
103-90-2	Acetaminophen (see Paracetamol)	3	50, 73	1999	1998		0.1% by weight (w/w)	
103-90-2	Paracetamol (Acetaminophen)	3	15, Sup. 7	1987	1987		0.1% by weight (w/w)	
10380-28-6	Copper 8-hydroxyquinoline	3	27, Sup. 7	1987	1987		0.1% by weight (w/w)	
104-94-9	para-Anisidine	3	27, Sup. 7	1987	1987		0.1% by weight (w/w)	
105-11-3	para-Bromocresol dimine	3	29, Sup. 7, 71	1999	1998		0.1% by weight (w/w)	
105-55-5	N,N'-Diethylthiourea	3	79	2001	2000		0.1% by weight (w/w)	
105-60-2	Caprolactam	3	39, Sup. 7, 71	1999	1998	Moved to Group 3 following 2019 update to the IARC Monographs Preamble	0.1% by weight (w/w)	
105-74-8	Laural peroxide	3	36, Sup. 7, 71	1999	1998		0.1% by weight (w/w)	
105-40-29-1	Tamoxifen	1	66, 100A	2012	2008		0.1% by weight (w/w)	NI There is "evidence suggesting lack of carcinogenicity" for tamoxifen in humans and cancer of the female breast. An inverse association has been observed between tamoxifen use and cancer of the female breast.
105650-23-5	PhIP (2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine)	2B	56	1993	1992		0.1% by weight (w/w)	
105735-71-5	3,7-Dinitrofluoranthene	2B	46, 65, 105	2014	2012		0.1% by weight (w/w)	
10595-95-6	N-Nitrosodimethylethylamine	2B	17, Sup. 7	1987	1987		0.1% by weight (w/w)	
10599-90-1	Chloramine	3	64	2004	2002		0.1% by weight (w/w)	
106-46-7	para-Dichlorobenzene	2B	Sup. 7, 73	1999	1998		0.1% by weight (w/w)	
106-47-8	para-Chloroaniline	2B	54	1993	1992		0.1% by weight (w/w)	
106-50-3	para-Phenylenediamine	3	15, Sup. 7	1987	1987		0.1% by weight (w/w)	
106-51-4	para-Quinone	3	15, Sup. 7, 71	1999	1998		0.1% by weight (w/w)	
106-87-6	4-Vinylcyclohexene dioxide	2B	Sup. 7, 60	1994	1994		0.1% by weight (w/w)	
106-88-7	1,2-Epoxybutane	2B	47, 71	1999	1998		0.1% by weight (w/w)	NI Overall evaluation upgraded to Group 2B with supporting evidence from other relevant data
106-89-8	Epichlorohydrin	2A	11, Sup. 7, 71	1999	1998		0.1% by weight (w/w)	NI Overall evaluation upgraded to Group 2A with supporting evidence from other relevant data
106-91-2	Glycidyl methacrylate	2A	125	2020 online	2019		0.1% by weight (w/w)	NI Overall evaluation upgraded to Group 2A with supporting evidence from other relevant data
106-93-4	Ethylene dibromide	2A	16, Sup. 7, 71	1999	1998		0.1% by weight (w/w)	
106-94-5	1-Bromopropane	2B	115	2016	2016		0.1% by weight (w/w)	
106-99-0	1,3-Butadiene	1	Sup. 7, 54, 71, 97, 100F	2012	2009		0.1% by weight (w/w)	
107-02-8	Acroben	2A	63, Sup. 7, 128	2021 online	2020		0.1% by weight (w/w)	
107-05-1	Allyl chloride	3	16, Sup. 7, 71, 125	2020 online	2019		0.1% by weight (w/w)	
107-06-2	1,2-Dichloroethane	2B	29, Sup. 7, 71	1999	1998		0.1% by weight (w/w)	
107-13-1	Acrylonitrile	1	71, 136	In prep.	2024		0.1% by weight (w/w)	
107-14-2	Chloroacetonitrile	3	52, 71	1999	1998		0.1% by weight (w/w)	
107-20-2	Chlorobenzyl methyl ether (see Bis(chloromethyl)ether, chlorobenzyl methyl ether)	3	52, 71	1999	1998		0.1% by weight (w/w)	
1071-83-6	Glyphosate	2A	112	2017	2015		0.1% by weight (w/w)	
1072-52-2	2-(1-Azidomethyl)ethanol	3	9, Sup. 7	1987	1987		0.1% by weight (w/w)	
108-01-4	Vinyl acetate	2B	Sup. 7, 63	1995	1995		0.1% by weight (w/w)	
108-10-1	Methyl isobutyl ketone	2B	101	2013	2011		0.1% by weight (w/w)	
108-30-5	Succinic anhydride	3	16, Sup. 7	1987	1987		0.1% by weight (w/w)	
108-45-2	para-Phenylenediamine	3	16, Sup. 7	1987	1987		0.1% by weight (w/w)	
108-46-3	Resorcinol	3	15, Sup. 7, 71	1999	1998		0.1% by weight (w/w)	
108-60-1	Bis(2-chloro-1-methylethyl)ether	3	41, Sup. 7, 71	1999	1998		0.1% by weight (w/w)	
108-78-1	Melanin	2B	Sup. 7, 73, 119	2019	2017		0.1% by weight (w/w)	
108-88-3	Toluene	3	47, 71	1999	1998		0.1% by weight (w/w)	
108-95-2	Phenol	3	47, 71	1999	1998		0.1% by weight (w/w)	
108-99-4	D-Picoline	3	122	2018	2018		0.1% by weight (w/w)	
109-70-6	1-Bromo-3-chloropropane	2B	125	2020 online	2019		0.1% by weight (w/w)	
109-99-9	Tetrahydrofuran	2B	119	2019	2017		0.1% by weight (w/w)	
110-08-9	Uranium	2B	61, 71	1995	1995		0.1% by weight (w/w)	
110-57-6	trans-1,4-Dichlorobutene	3	15, Sup. 7, 71	1999	1998		0.1% by weight (w/w)	
110-86-1	Pyridine	2B	77, 119	2019	2017		0.1% by weight (w/w)	
110-91-8	Morpholine	3	47, 71	1999	1998		0.1% by weight (w/w)	
11056-06-7	Bilexins	2B	26, Sup. 7	1987	1987		0.1% by weight (w/w)	NI Overall evaluation upgraded to Group 2B with supporting evidence from other relevant data
111-43-2	Dithionamide	2B	77, 101	2013	2011		0.1% by weight (w/w)	
111-44-4	Bis(2-chloroethyl)ether	3	9, Sup. 7, 71	1999	1998		0.1% by weight (w/w)	
111-76-2	2-Butoxyethanol	3	88	2006	2004		0.1% by weight (w/w)	
112021-46-8	Naphthalene	2A	108	2016	2013		0.1% by weight (w/w)	
11189-32-3	Naphthol 1,2-bisfluoranthene	3	92	2010	2005		0.1% by weight (w/w)	
1116-54-7	N-Nitrosodimethanamine	2B	17, Sup. 7, 77	2000	2000		0.1% by weight (w/w)	
1120-71-4	1,3-Propane sulfone	2A	4, Sup. 7, 71, 110	2017	2014		0.1% by weight (w/w)	NI Overall evaluation upgraded to Group 2A with supporting evidence from other relevant data
1143-38-0	Dibutyltin	3	11, Sup. 7	1987	1987		0.1% by weight (w/w)	
115-01-6	Acetylene	2B	10, Sup. 7	1987	1987		0.1% by weight (w/w)	
115-07-1	Propylene	3	Sup. 7, 60	1994	1994		0.1% by weight (w/w)	
115-28-6	Chloroacetic acid	2B	48	1990	1989		0.1% by weight (w/w)	
115-33-2	Styrene	3	18, Sup. 7	1987	1987		0.1% by weight (w/w)	
115-96-8	Tris(2-chloroethyl) phosphate	3	48, 71	1999	1998		0.1% by weight (w/w)	
116-06-3	Aldicarb	3	53	1991	1990		0.1% by weight (w/w)	
116-14-3	Tetrafluoroethylene	2A	19, Sup. 7, 71, 110	2017	2014		0.1% by weight (w/w)	NI Overall evaluation upgraded to Group 2A on the basis of sufficient evidence in experimental animals with a striking and atypical pattern of tumours
1169-18-4	Isocyanomethyl methyl ether	3	41, 71	1999	1998		0.1% by weight (w/w)	
116355-83-0	Fusarium moniliforme toxins derived from (fumonisin B1, fumonisin B2, and fusarin C)	2B	56	1993	1992		0.1% by weight (w/w)	
116355-83-0	Fumonisin B1	2B	82	2002	2002		0.1% by weight (w/w)	
11710-2	Dianthron (Chrysazin; 1,8-Dihydroxyanthraquinone)	2B	60	1990	1989		0.1% by weight (w/w)	
11739-5	Quercetin	3	Sup. 7, 73	1999	1998		0.1% by weight (w/w)	
11739-3	2-Aminoanthraquinone	3	27, Sup. 7	1987	1987		0.1% by weight (w/w)	
11781-7	Bis(2-ethylhexyl) phthalate (see Di(2-ethylhexyl) phthalate)	2B	Sup. 7, 77, 101	2013	2011		0.1% by weight (w/w)	
11781-7	Di(2-ethylhexyl) phthalate	2B	Sup. 7, 79	2001	2000		0.1% by weight (w/w)	
11874-1	Hexachlorobenzene	3	16, Sup. 7	1987	1987		0.1% by weight (w/w)	
11892-3	Anthrnic acid	3	16, Sup. 7	1987	1987		0.1% by weight (w/w)	
11892-7	1,4-Dioxin	3	42, 71	1999	1998		0.1% by weight (w/w)	
11899-22-7	Nodulins	3	94	2010	2006		0.1% by weight (w/w)	
11934-6	4-Amino-2-nitrophenol	3	16, Sup. 7	1987	1987		0.1% by weight (w/w)	
11941-9	Hexachlorone	2B	103	2013	2011		0.1% by weight (w/w)	
11990-4	3,3'-Dimethylbenzidine (ortho-Dianilind)	2B	4, Sup. 7	1987	1987		0.1% by weight (w/w)	
11993-7	3,3'-Dimethylbenzidine (ortho-Tolidin)	2B	1, Sup. 7	1987	1987		0.1% by weight (w/w)	
12013-7	Anthraxene	2B	90, Sup. 7, 133	2024 online	2023		0.1% by weight (w/w)	
12050-1	Isosalicylic acid	3	10, Sup. 7	1987	1987		0.1% by weight (w/w)	
12071-8	para-Cresidine	2B	27, Sup. 7	1987	1987		0.1% by weight (w/w)	
12080-9	Catechol	2B	15, Sup. 7, 71	1999	1998		0.1% by weight (w/w)	
12091-79-5	Vanem K substances	3	76	2000	1999		0.1% by weight (w/w)	
12070-12-4, 7440-48-4	Tungsten carbide with cobalt metal (see Cobalt metal with tungsten carbide)	4					0.1% by weight (w/w)	
1211-4-2	2,4-Dinitrofluorene	2B	65	1996	1995		0.1% by weight (w/w)	
121-66-4	2-Amino-5-nitrothiazole	3	31, Sup. 7	1987	1987		0.1% by weight (w/w)	
121-69-7	N,N-Dimethylaniline	3	57	1993	1992		0.1% by weight (w/w)	
121-73-3	1-Chloroanthracene	3	65	1996	1995		0.1% by weight (w/w)	
12172-5	Melatonin	2A	39, Sup. 7, 112	2017	2015		0.1% by weight (w/w)	
12188-0	2-Amino-5-nitrophenol	3	57	1993	1992		0.1% by weight (w/w)	
12122-67-7	Zinc	3	11, Sup. 7	1987	1987		0.1% by weight (w/w)	
12174-11-7	Attapulgite (see Palygorskite)	2B	68	1997	1996		0.1% by weight (w/w)	
12174-11-7	Palygorskite (Attapulgite) (long fibres, > 5 micrometres)	3	68	1997	1996		0.1% by weight (w/w)	
12192-57-3	Amorphous silica	3	11, Sup. 7	1987	1987		0.1% by weight (w/w)	
122-34-9	Sinigrin	3	53, 73	1999	1998		0.1% by weight (w/w)	
122-39-4	Diphenylamine	2B	139	2022 online	2021		0.1% by weight (w/w)	
122-42-9	Propylamine	3	12, Sup. 7	1987	1987		0.1% by weight (w/w)	
12240-1	Phenyl glycidyl ether	2B	47, 71	1999	1998		0.1% by weight (w/w)	
12246-7	1,2-Dioxephyridazine	2B	130	2022 online	2021		0.1% by weight (w/w)	
122320-73-4	Isopropylazane	3	108	2016	2013		0.1% by weight (w/w)	
123-21-9	Hexachlorocyclopentadiene	3	15, Sup. 7, 71	1999	1998		0.1% by weight (w/w)	
123-33-1	Malic hydrazide	3	4, Sup. 7	1987	1987		0.1% by weight (w/w)	
123-35-3	8-Mercapto	2B	119	2019	2017		0.1% by weight (w/w)	
12331-1	2,4-Dioxane	2B	119, Sup. 7, 71	1999	1998		0.1% by weight (w/w)	
12449-1	Chlorobis(oxomethane)	3	52, 71	1999	1998		0.1% by weight (w/w)	
12458-3	Methylarsonic acid	2B	100C	2012	2009		0.1% by weight (w/w)	
12458-3	Monomethylarsonic acid (see Methylarsonic acid)	2B	100C	2012	2009		0.1% by weight (w/w)	
12477-38-2	Melano	3	12, Sup. 7					

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128-37-0	Butylated hydroxytoluene (BHT)	3	40, Sup 7	1987	1987		0.1% by weight (w/w)	
128-66-5	Vin Yellow 4	3	48	1990	1989		0.1% by weight (w/w)	
129-00-0	Pyrene	3	Sup 7, 92	2010	2005		0.1% by weight (w/w)	
129-15-7	2-Methyl-1-nitroanthraquinone (laccinon purify)	2B	27, Sup 7	1987	1987		0.1% by weight (w/w)	
129-19-9	Blue VBS	3	16, Sup 7	1987	1987		0.1% by weight (w/w)	
129-20-4	Chrysothiazone	3	13, Sup 7	1987	1987		0.1% by weight (w/w)	
129-43-1	1-Hydroxyanthraquinone	2B	82	2002	2002		0.1% by weight (w/w)	
129-73-7	Leucomalachite green (see also Malachite green)	2B	129	2022 online	2021		0.1% by weight (w/w)	
13010-47-4	1-[2-Chloroethyl]-3-cytohetyl-1-nitrosourea (CCNU) (Lomustine)	2A	26, Sup 7	1987	1987		0.1% by weight (w/w)	
1303-60-9	Gallium arsenide (see Arsenic and inorganic arsenic compounds)	3	86, 100C	2012	2009		0.1% by weight (w/w)	
13045-94-6	Medetolan	3	9, Sup 7	1987	1987		0.1% by weight (w/w)	
1307-96-6	Cobal(III) oxide	2B	52, 131	2023 online	2022		0.1% by weight (w/w)	
1308-06-1	Cobal(III) trioxide	3	52, 131	2023 online	2022		0.1% by weight (w/w)	
1309-17-1	Tricetic oxide	3	1, Sup 7	1987	1987		0.1% by weight (w/w)	
1309-64-4	Antimony trioxide, see Trivalent antimony							
1311-79-3	Yellow OB	3	8, Sup 7	1987	1987		0.1% by weight (w/w)	
1313-37-6	Molybdenum trioxide	3B	118	2018 online	2017		0.1% by weight (w/w)	
1314-62-1	Vanadium pentoxide	2B	86	2006	2003		0.1% by weight (w/w)	
1317-42-6	Cobal(III) sulfide	3	52, 131	2023 online	2022		0.1% by weight (w/w)	
1317-60-8	Hexamethylenetetramine	3	1, Sup 7	1987	1987		0.1% by weight (w/w)	
1318-02-1	Zoetites other than erionite (clinoptilolite, phillipsite, mordenite, non-fibrous Japanese zeolite, synthetic zeolites)	3	68	1997	1996		0.1% by weight (w/w)	
132-27-4	Sodium ortho-phthalate	2B	Sup 7, 73	1999	1998		0.1% by weight (w/w)	
132-65-0	Dibenzothiazine	3	103	2013	2011		0.1% by weight (w/w)	
13238-23-4	Metformin-210 and its decay products	1	78, 100D	2012	2009		0.1% by weight (w/w)	
13256-22-9	N-Nitrosodimethylamine	2B	17, Sup 7	1987	1987		0.1% by weight (w/w)	
13292-46-1	Rifampicin	3	24, Sup 7	1987	1987		0.1% by weight (w/w)	
13336-3	Caspam	3	38, Sup 7	1987	1987		0.1% by weight (w/w)	
1330-20-7	Sydnem	3	47, 71	1999	1998		0.1% by weight (w/w)	
1332-21-4, 12172-73-5, 12001-29-5, 12001-28-4	Asbestos (all forms, including actinolite, amosite, anthophyllite, chrysotile, crocidolite, tremolite)	1	14, Sup 7, 100C	2012	2009		0.1% by weight (w/w)	
1333-86-4	Carbon black	2B	Sup 7, 65, 93C	2010	2006		0.1% by weight (w/w)	
1336-36-3	Polychlorinated biphenyls	1	18, Sup 7, 107	2016	2013		0.1% by weight (w/w)	
1338-65-6	Iron sorbitol citric acid complex	3	4, Sup 7	1987	1987		0.1% by weight (w/w)	
134-29-2	ortho-Arsinic hydrochloride (see also ortho-Arsinic)	2A	127	2022 online	2020		0.1% by weight (w/w)	
134-32-7	1-Naphthylamine	3	4, Sup 7	1987	1987		0.1% by weight (w/w)	
1345-64-6	Antimony trioxide, see Trivalent antimony							
13463-67-7	Titanium dioxide	2B	47, 93	2010	2006		0.1% by weight (w/w)	
13483-18-6	1,2-Bis(4-chlorophenyl)ethane	3	15, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
135-20-6	Cupferron	2B	127	2021 online	2020		0.1% by weight (w/w)	
135-85-6	N-Phenyl-1-naphthylamine	3	15, Sup 7	1987	1987		0.1% by weight (w/w)	
136-40-3	Phenazopyridine hydrochloride	2B	24, Sup 7	1987	1987		0.1% by weight (w/w)	
137-17-7	2,4,5-Trinitrobenzidine	3	27, Sup 7	1987	1987		0.1% by weight (w/w)	
137-36-8	Thiram	3	Sup 7, 53	1991	1990		0.1% by weight (w/w)	
137-39-4	iram	3	Sup 7, 53	1991	1990		0.1% by weight (w/w)	
138-59-0	Shikimic acid	3	40, Sup 7	1987	1987		0.1% by weight (w/w)	
139-05-9	Cyclamate (sodium cyclamate)	3	Sup 7, 73	1999	1998		0.1% by weight (w/w)	
139-13-9	Nitrosotetraacetic acid and its salts	2B	48, 73	1999	1998		0.1% by weight (w/w)	
139-65-1	4,4'-Thiodianiline	2B	27, Sup 7	1987	1987		0.1% by weight (w/w)	
139-94-6	Nitrazide	3	31, Sup 7	1987	1987		0.1% by weight (w/w)	
13909-09-6	1-[2-Chloroethyl]-3-(4-methylphenyl)-1-nitrosourea (Methyl-CCNU) (Semustine)	1	78, 100A	2012	2008		0.1% by weight (w/w)	
13982-63-3	Radium-226 and its decay products	1	78, 100D	2012	2009		0.1% by weight (w/w)	
13983-17-0	Wollastonite	3	Sup 7, 68	1997	1996		0.1% by weight (w/w)	
140-15-8	Benzyl acetate	3	48, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
140-56-7	para-Dimethylaminoazobenzene/diaz sodium sulfonate	3	8, Sup 7	1987	1987		0.1% by weight (w/w)	
140-57-8	Azame* [†]	2B	5, Sup 7	1987	1987		0.1% by weight (w/w)	
140-88-5	Ethyl acetate	2B	39, Sup 7, 71, 122	2019	2018		0.1% by weight (w/w)	
1401-55-4	Tannic acid and tannins	3	40, Sup 7	1987	1987		0.1% by weight (w/w)	
1402-68-2	Allatams	1	Sup 7, 56, 82, 100F	2012	2009		0.1% by weight (w/w)	
14047-09-7	3,3',4,4'-Tetrahydroazobenzene	2A	117	2019	2016		0.1% by weight (w/w)	
141-33-2	n-Butyl acetate	3	39, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
141-37-7	3,4-Epoxy-6-methylcyclohexylmethyl-3,4-epoxy-6-methylcyclohexanecarboxylate	3	11, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
141-98-2	Thiobenzol	2B	Sup 7, 79	2001	2000		0.1% by weight (w/w)	
142-04-1	Aniline hydrochloride (see also Aniline)	2A	127	2021 online	2020		0.1% by weight (w/w)	
142-83-6	4,4-Hexadienal	2B	101	2013	2011		0.1% by weight (w/w)	
143-50-0	Chlorobenzene (Kigee)	2B	20, Sup 7	1987	1987		0.1% by weight (w/w)	
143-67-9	Nitrosobenzene	3	10, Sup 7	1987	1987		0.1% by weight (w/w)	
144-34-3	Methyl selenide	3	12, Sup 7	1987	1987		0.1% by weight (w/w)	
14484-64-1	Ferbam	3	12, Sup 7	1987	1987		0.1% by weight (w/w)	
14596-37-3	Phosphorus-32, as phosphite	1	10, 100D	2012	2009		0.1% by weight (w/w)	
1464-53-5	1,2,3,4-Dibutylbutane (see 1,3-Butadiene)	3	11, Sup 7	1987	1987		0.1% by weight (w/w)	
148-18-5	Sodium diethylidithiocarbamate	3	12, Sup 7	1987	1987		0.1% by weight (w/w)	
1483-24-3	4-Hydroxy-2-nitrobenzidine	3	13, Sup 7	1987	1987		0.1% by weight (w/w)	
148-83-7	Anthracene	1	9, Sup 7, 100A	2012	2008		0.1% by weight (w/w)	
14807-96-6	Talc	2A	43, Sup 7, 63, 136	in prep.	2024		0.1% by weight (w/w)	
14807-96-6	Talc containing asbestos (see Asbestos)							
14807-96-6	Talc-based body powder (perineal use only) (see Talc)							
14808-60-7	Silica dust, crystalline, in the form of quartz or cristobalite	1	Sup 7, 68, 100C	2012	2009		0.1% by weight (w/w)	
149-25-1	Pradaxin	3	40, Sup 7	1987	1987		0.1% by weight (w/w)	
149-30-4	2-Mercaptothiazole	2A	115	2018	2016		0.1% by weight (w/w)	
14901-08-7	Cycasin	2B	10, Sup 7	1987	1987		0.1% by weight (w/w)	
150-13-0	para-Aminobenzoic acid	3	10, Sup 7	1987	1987		0.1% by weight (w/w)	
150-68-5	Monuron	3	Sup 7, 53	1991	1990		0.1% by weight (w/w)	
150-69-6	Dulcin	3	12, Sup 7	1987	1987		0.1% by weight (w/w)	
15086-94-9	Eosin	3	15, Sup 7	1987	1987		0.1% by weight (w/w)	
151-56-4	Acridine	2B	9, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
15262-20-1	Radium-228 and its decay products	1	78, 100D	2012	2009		0.1% by weight (w/w)	
154-93-8	Bis(4-chlorophenyl)nitrosourea (BCNU) (Carmustine)	2A	26, Sup 7	1987	1987		0.1% by weight (w/w)	
15501-78-3	Seopite	3	Sup 7, 68	1997	1996		0.1% by weight (w/w)	
15501-86-3	Nitidine	3	10, Sup 7	1987	1987		0.1% by weight (w/w)	
156-10-5	para-Nitrosodiphenylamine	3	27, Sup 7	1987	1987		0.1% by weight (w/w)	
156-51-4	Phenazine sulfate	3	24, Sup 7	1987	1987		0.1% by weight (w/w)	
15625-89-5	Trimehylolamine triazolate, technical grade	2B	112	2019	2018		0.1% by weight (w/w)	
15663-27-1	Cisplatin	2A	26, Sup 7	1987	1987		0.1% by weight (w/w)	
15721-02-5	2,2',5,5'-Tetrahydrobenzidine	3	27, Sup 7	1987	1987		0.1% by weight (w/w)	
1582-99-8	Trifluralin	3	53	1991	1990		0.1% by weight (w/w)	
16065-83-1	Chromium (III) compounds	3	49	1990	1989		0.1% by weight (w/w)	
16071-86-6	O Direct Brown 19 (see Benzidine, dyes metabolized to)							
1615-80-1	1,2-Diethylhydrazine	2B	4, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
1634-04-4	Methyl tert-butyl ether	3	73	1999	1998		0.1% by weight (w/w)	
16543-55-8, 64991-91-4	N'-Nitrosomethylnitrosourea (MNN) and 4-(N-Nitrosomethylamino)-1-(3-oxo-1-buteno-1-yl)-butanone (NNK)	1	Sup 7, 89, 100E	2012	2009		0.1% by weight (w/w)	
16568-02-8	Gyromitrin	3	85, Sup 7	1987	1987		0.1% by weight (w/w)	
1679-54-3	Bisphenol A diglycidyl ether (Bisphenol A)	3	43, Sup 7	1987	1987		0.1% by weight (w/w)	
1689-82-3	4-Hydroxyazobenzene	3	8, Sup 7	1987	1987		0.1% by weight (w/w)	
1694-09-3	Benzyl violet 4B	2B	16, Sup 7	1987	1987		0.1% by weight (w/w)	
16984-48-9	Fluorides (inorganic, used in drinking water)	3	27, Sup 7	1987	1987		0.1% by weight (w/w)	
1705-85-7	6-Methylthymine	3	Sup 7, 92	2010	2005		0.1% by weight (w/w)	
1706-01-0	3-Methylfluoranthene	3	Sup 7, 92	2010	2005		0.1% by weight (w/w)	
17117-34-9	3-Nitrobenzanthrone	2B	105	2014	2012		0.1% by weight (w/w)	
1749-01-6	2,3,7,8-Tetrachlorodibenzo-p-para-dioxin	1	Sup 7, 69, 100F	2012	2009		0.1% by weight (w/w)	
1763-33-1	Perfluorooctanesulfonic acid (PFOS)	2B	135	in prep.	2023		0.1% by weight (w/w)	
1836-75-5	Nitrofen (technical grade)	2B	39, Sup 7	1987	1987		0.1% by weight (w/w)	
1840-29-9	Chromium (VI) compounds	1	Sup 7, 49, 100C	2012	2009		0.1% by weight (w/w)	
18483-66-4	Trepocastone	2B	17, Sup 7	1987	1987		0.1% by weight (w/w)	
189-55-9	Dibenzof(a)pyrene	2B	92	2010	2005		0.1% by weight (w/w)	
189-64-0	Dibenzof(g)pyrene	2B	Sup 7, 92	2010	2005		0.1% by weight (w/w)	
1897-65-6	Dibenzof(h)pyrene	2B	Sup 7, 71	1999	1998		0.1% by weight (w/w)	
191-07-1	Coronene	3	33, Sup 7, 92	2010	2005		0.1% by weight (w/w)	
191-24-2	Benzo(g,h)perylene	3	92, Sup 7	2010	2005		0.1% by weight (w/w)	
191-26-4	Anthranthrene	3	92, Sup 7	2010	2005		0.1% by weight (w/w)	
191-30-0	Dibenzof(a)pyrene	2A	Sup 7, 92	2010	2005		0.1% by weight (w/w)	
1912-24-9	Atrazine	3	53, 73	1999	1998		0.1% by weight (w/w)	
1918-02-1	Indoxam							

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184-59-2	7H-Dibenzo[<i>a,h</i>]carbazole	2B	32, Sup 7, 103	2013	2011		0.1% by weight (w/w)	
195-19-7	Benzo[<i>c</i>]phenanthrene	2B	92, Sup 7	2010	2005		0.1% by weight (w/w)	
195-28-5	Triethyleneglycol diethyl ether	3	11, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
196-73-1	Benzo[<i>d</i>]thiophene	3	92, Sup 7	2010	2005		0.1% by weight (w/w)	
198-55-0	Perylene	3	Sup 7, 92	2010	2005		0.1% by weight (w/w)	
20073-24-9	3-Carbethoxypsoralen	3	40, Sup 7	1987	1987		0.1% by weight (w/w)	
202-33-5	Benzo[<i>k</i>]acanthrylene	2B	92	2010	2005		0.1% by weight (w/w)	
202-94-8	11H-Benzo[<i>k</i>]acanthrylene	3	92	2010	2005		0.1% by weight (w/w)	
202-99-2	4H-Cyclopenta[<i>b</i>]thiophene	3	92	2010	2005		0.1% by weight (w/w)	
20268-51-3	7-Nitrobenzo[<i>a</i>]anthracene	3	46, 1989	1988	1988		0.1% by weight (w/w)	
203-12-3	Benzo[<i>ghi</i>]peranthrene	3	92, Sup 7	2010	2005		0.1% by weight (w/w)	
203-20-3	Naphtho[1,2- <i>b</i>]fluoranthene	3	92	2010	2005		0.1% by weight (w/w)	
203-33-8	Benzo[<i>ghi</i>]fluoranthene	3	92, Sup 7	2010	2005		0.1% by weight (w/w)	
205-13-9	Benzo[<i>kl</i>]fluorene	3	92, Sup 7	2010	2005		0.1% by weight (w/w)	
205-83-3	Benzo[<i>ghi</i>]fluoranthene	2B	92	2010	2005		0.1% by weight (w/w)	
205-99-2	Benzo[<i>ghi</i>]fluoranthene	2B	92	2010	2005		0.1% by weight (w/w)	
20589-63-3	3-Nitroperylene	3	46, 1989	1988	1988		0.1% by weight (w/w)	
206-40-0	Fluoranthene	3	Sup 7, 92	2010	2005		0.1% by weight (w/w)	
2068-78-2	Microcystin sulfate	3	25, Sup 7	1987	1987		0.1% by weight (w/w)	
207-08-9	Benzo[<i>kl</i>]fluoranthene	2B	92	2010	2005		0.1% by weight (w/w)	
207-83-0	1,8H-Dibenzo[<i>a,h</i>]fluorene	3	92	2010	2005		0.1% by weight (w/w)	
20830-75-5	Dibenz[<i>a,h</i>]anthracene	2B	108	2016	2013		0.1% by weight (w/w)	
20830-81-3	Dibenz[<i>a,h</i>]anthracene	2B	10, Sup 7	1987	1987		0.1% by weight (w/w)	
20841-65-5	Triethyl telluride	3	12, Sup 7	1987	1987		0.1% by weight (w/w)	
211-91-6	Benzo[<i>ghi</i>]peranthrene	3	92	2010	2005		0.1% by weight (w/w)	
21258-20-1	12-Trichlorobenzene	3	31, Sup 7	1987	1987		0.1% by weight (w/w)	
213-46-7	Fluorene	3	92	2010	2005		0.1% by weight (w/w)	
214-17-5	Benzo[<i>ghi</i>]peranthrene	3	92	2010	2005		0.1% by weight (w/w)	
215-58-7	Dibenz[<i>a,h</i>]anthracene	3	25, Sup 7	1987	1987		0.1% by weight (w/w)	
2164-17-2	Fluorenone	3	30, Sup 7	1987	1987		0.1% by weight (w/w)	
2168-68-5	Bis[1-oxiran-2-yl]dimethylphosphine sulfide	3	9, Sup 7	1987	1987		0.1% by weight (w/w)	
217-50-4	Chrysene	3	Sup 7, 92	2010	2005		0.1% by weight (w/w)	
218-01-9	Chrysene	2B	92	2010	2005		0.1% by weight (w/w)	
21884-44-6	Luteoskyrin	3	10, Sup 7	1987	1987		0.1% by weight (w/w)	
21248-79-9	Tetrahydrophthalic anhydride	3	15, Sup 7, 112	1987	1987		0.1% by weight (w/w)	
22459-59-3	1,4-Dimethylbenzanthrene	3	Sup 7, 92	2010	2005		0.1% by weight (w/w)	
22598-80-7	Indium phosphide	2A	86	2006	2003		0.1% by weight (w/w)	
224-41-9	Dibenz[<i>a,h</i>]anthracene	3	Sup 7, 92	2010	2005		0.1% by weight (w/w)	
234-43-0	Dibenz[<i>a,h</i>]acridine	2A	32, Sup 7, 103	2013	2011		0.1% by weight (w/w)	
234-53-3	Dibenz[<i>a,h</i>]acridine	2B	103	2013	2011		0.1% by weight (w/w)	
2243-62-1	1,5-Naphthalenediamine	3	27, Sup 7	1987	1987		0.1% by weight (w/w)	
225-11-6	Benzo[<i>a</i>]acridine	3	32, Sup 7, 103	2013	2011		0.1% by weight (w/w)	
225-51-4	Benzo[<i>a</i>]acridine	3	32, Sup 7, 103	2013	2011		0.1% by weight (w/w)	
22506-53-2	1,2-Dinitrofluorene	2B	46, 65, 109	2014	2012		0.1% by weight (w/w)	
22571-95-6	Symphytine	3	31, Sup 7	1987	1987		0.1% by weight (w/w)	
226-36-8	Dibenz[<i>a,h</i>]acridine	2B	32, Sup 7, 103	2013	2011		0.1% by weight (w/w)	
22839-47-0	Carbazole	2B	134	2014 online	2013		0.1% by weight (w/w)	
22966-79-6	Oestradiol mustard	3	9, Sup 7	1987	1987		0.1% by weight (w/w)	
22975-76-4	4,4'-Dimethylazobenzene plus ultraviolet A radiation	3	Sup 7	1987	1987		0.1% by weight (w/w)	
2303-16-4	Dibenz[<i>a,h</i>]acridine	3	25, Sup 7	1987	1987		0.1% by weight (w/w)	
2318-38-5	Benzo[<i>a</i>]acridine	3	31, Sup 7	1987	1987		0.1% by weight (w/w)	
23214-92-8	Adriamycin (Doxorubicin)	2A	10, Sup 7	1987	1987		0.1% by weight (w/w)	
23246-96-0	Riddelline	2B	10, Sup 7, 82	2002	2002		0.1% by weight (w/w)	
23255-93-8	Hydroquinone mesylate	3	13, Sup 7	1987	1987		0.1% by weight (w/w)	
23259-59-8	Fast Green FCF	3	10, Sup 7	1987	1987		0.1% by weight (w/w)	
23537-16-8	Ruizolone	3	40, Sup 7	1987	1987		0.1% by weight (w/w)	
23746-34-1	Potassium bis(2-hydroxyethyl)idithiocarbamate	3	12, Sup 7	1987	1987		0.1% by weight (w/w)	
238-84-6	Benzo[<i>ghi</i>]peranthrene	3	Sup 7, 92	2010	2005		0.1% by weight (w/w)	
2385-85-5	Adren	2B	20, Sup 7	1987	1987		0.1% by weight (w/w)	
2386-90-5	Bis[2,3-epoxycyclohexyl]ether	3	47, 71	1999	1998		0.1% by weight (w/w)	
239-35-0	Benzo[<i>ghi</i>]peranthrene 2,1-dithiophene	3	103	2013	2011		0.1% by weight (w/w)	
2425-06-1	Caprolactam	2A	53	1991	1990		0.1% by weight (w/w)	
2429-85-6	GI Pigment Red 3	3	92	2010	1992		0.1% by weight (w/w)	
2426-08-6	1-Butyl glycidyl ether	2B	125	2020 online	2019		0.1% by weight (w/w)	
2429-74-5	GI Direct Blue 15	2B	57	1993	1992		0.1% by weight (w/w)	
2431-1-4	Benzo[<i>ghi</i>]peranthrene	3	92, Sup 7	2010	2005		0.1% by weight (w/w)	
2432-99-7	11-Aminoundecanoic acid	3	39, Sup 7	1987	1987		0.1% by weight (w/w)	
24560-98-3	cis-9,10-Epoxytetracetic acid	3	11, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
2475-14-8	Disperse Blue 1	2B	48	1996	1998		0.1% by weight (w/w)	
24938-64-5	para-Acetamidofluoranthene	3	66	1996	1996		0.1% by weight (w/w)	
26013-15-4	Vinyl toluene	3	60	1994	1994		0.1% by weight (w/w)	
26013-16-5	Bis[2-hydroxyethyl]hydroxymethylolurea (BHA)	2B	46, Sup 7	1987	1987		0.1% by weight (w/w)	
26038-54-4	Indole 6	3	13, Sup 7	1987	1987		0.1% by weight (w/w)	
26732-74-5	Aceteprene (3,4-dihydrocyclopenta[<i>b</i>]pyrene)	3	92	2010	2005		0.1% by weight (w/w)	
26812-30-0	Genferbion	3	66	1996	1996		0.1% by weight (w/w)	
26822-77-9	Trans-2,3-Dibenz[<i>a,h</i>]anthracene-5,12; (E)-nitro-2-(4-oxo-1,3,4-oxadiazol-5-yl)-N,N-dimethylacetamide	2B	7, Sup 7	1987	1987		0.1% by weight (w/w)	
2692-46-2	GI Direct Blue 6 (see Benzenidine, dye, metabolized to)	3	66	1996	1996		0.1% by weight (w/w)	
26148-68-5	Alfa-alpha-(2-Amino-9H-pyrido[2,3-b]indole)	2B	40, Sup 7	1987	1987		0.1% by weight (w/w)	
262-12-4	Dibenz[<i>a,h</i>]para-dioxin	3	69	1997	1997		0.1% by weight (w/w)	
26308-28-1	Benzo[<i>a</i>]anthracene	3	66	1996	1996		0.1% by weight (w/w)	
2646-17-5	Oil Orange 5	2B	8, Sup 7	1987	1987		0.1% by weight (w/w)	
26471-62-5	Toluene diisocyanates	2B	39, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
26782-43-4	Hydroxybenzothiazole	3	10, Sup 7	1987	1987		0.1% by weight (w/w)	
271-89-6	Benzenofuran	2B	63	1995	1995		0.1% by weight (w/w)	
27208-37-3	Cyclopenta[<i>b</i>]pyrene	2A	Sup 7, 92	2010	2005		0.1% by weight (w/w)	
2757-90-6	Azarin	3	31, Sup 7	1987	1987		0.1% by weight (w/w)	
2783-84-0	Sunset Yellow FCF	3	8, Sup 7	1987	1987		0.1% by weight (w/w)	
27845-8-1	HC Blue No. 1	2B	92	2010	1993		0.1% by weight (w/w)	
2832-40-8	Disperse Yellow 3	3	48	1990	1989		0.1% by weight (w/w)	
2835-39-4	Ashly isocyanate	3	36, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
28407-37-6	GI Direct Blue 118	2B	129	2012 online	2012		0.1% by weight (w/w)	
28434-86-8	3,3'-Dichloro-4,4'-diaminodiphenyl ether	2B	16, Sup 7	1987	1987		0.1% by weight (w/w)	
28716-31-4	HC Red No. 3	3	57	1993	1992		0.1% by weight (w/w)	
29069-24-7	Proclimastrol	3	60	1996	1989		0.1% by weight (w/w)	
29291-35-8	N-Nitrosophthalic acid	3	17, Sup 7	1987	1987		0.1% by weight (w/w)	
2955-38-6	Prazebam	3	66	1996	1996		0.1% by weight (w/w)	
2973-10-6	Diisopropyl sulfite	2B	54, 71	1999	1998		0.1% by weight (w/w)	
29767-20-2	Teriposide	2A	76	2000	1999		0.1% by weight (w/w)	
298-00-0	Methyl parathion	3	30, Sup 7	1987	1987		0.1% by weight (w/w)	
298-81-7	Methoxalen (8-methoxypsoralen) plus ultraviolet A radiation	1	24, Sup 7, 100A	2012	2008		0.1% by weight (w/w)	
299-76-2	Trepallan	1	26, Sup 7, 100A	2012	2008		0.1% by weight (w/w)	
29975-16-4	Isosulfam	3	66	1996	1996		0.1% by weight (w/w)	
3018-12-0	Dichloroacetanilide	3	52, 71	1999	1998		0.1% by weight (w/w)	
302-01-2	Hydrazine	2A	4, Sup 7, 71, 115	2018	2016		0.1% by weight (w/w)	
302-17-0	Chloral hydrate	2A	63, 84, 106	2014	2012		0.1% by weight (w/w)	
303-34-4	Isosulfamide	2B	10, Sup 7	1987	1987		0.1% by weight (w/w)	
303-47-9	Ochratoxin A	2B	Sup 7, 56	1993	1992		0.1% by weight (w/w)	
30330-80-6	N-Nitrosodipropylamine	3	17, Sup 7	1987	1987		0.1% by weight (w/w)	
305-01-3	Ochratoxin B	1	24, Sup 7, 100A	2012	2008		0.1% by weight (w/w)	
30516-87-1	Zidovudine (AZT)	2B	76	2000	1999		0.1% by weight (w/w)	
3068-80-0	Beta-Butyrolactone	2B	11, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
308068-56-6	Carbon nanotubes, multiwalled MWNT-2	2B	111	2017	2014		0.1% by weight (w/w)	
308068-56-6	Carbon nanotubes, multiwalled, other than MWNT-7	3	111	2017	2014		0.1% by weight (w/w)	
308068-56-6	Carbon nanotubes, single-walled	3	111	2017	2014		0.1% by weight (w/w)	
308068-56-6	Multiwalled carbon nanotubes, MWNT-7 (see Carbon nanotubes, multiwalled MWNT-7)	3	111	2017	2014		0.1% by weight (w/w)	
308068-56-6	Multiwalled carbon nanotubes other than MWNT-7 (see Carbon nanotubes, multiwalled, other than MWNT-7)	3	111	2017	2014		0.1% by weight (w/w)	
308068-56-6	Single-walled carbon nanotubes (see Carbon nanotubes, single-walled)	3	111	2017	2014		0.1% by weight (w/w)	
308076-74-6	Silicon carbide, fibrous	2B	111	2017	2014		0.1% by weight (w/w)	
309-40-2	Adren (see Dioxins, and adren metabolized to dieldrin)	3	8, Sup 7	19				

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 Date of Last Update to List: 9/22/2024

CAS No.	Agent	Group	Volume	Volume Publication Year	Evaluation Year	Additional Information	Limit	Notes from BCC Session
134-88-3	Diazomethane	3	7, Sup 7	1987	1987		0.1% by weight (w/w)	
33419-42-0	Etoposide	1	76, 100A	2012	2008		0.1% by weight (w/w)	
33419-42-0, 15663-22-3, 11056-06-7	Etoposide in combination with cisplatin and bleomycin	1	76, 100A	2012	2008	NI Overall evaluation upgraded to Group 1 based on mechanistic and other relevant data	0.1% by weight (w/w)	
335-67-1	Perfluorooctanoic acid (PFOA)	1	110, 135	In prep.	2023		0.1% by weight (w/w)	
3351-28-8	1-Methylchrysenes	3	Sup 7, 92	2010	2005		0.1% by weight (w/w)	
3351-30-3	2-Methylchrysenes	3	Sup 7, 92	2010	2005		0.1% by weight (w/w)	
3351-31-3	3-Methylchrysenes	3	Sup 7, 92	2010	2005		0.1% by weight (w/w)	
3351-32-4	4-Methylchrysenes	3	Sup 7, 92	2010	2005		0.1% by weight (w/w)	
3354-31-6	2-Methylanthracene	3	Sup 7, 92	2010	2005		0.1% by weight (w/w)	
3544-09-8	Ponocou SR	2B	8, Sup 7	1987	1987		0.1% by weight (w/w)	
3567-69-9	Carbamose	3	8, Sup 7	1987	1987		0.1% by weight (w/w)	
3670-75-0	2-(2-Formylhydrazino)-4-(5-nitro-2-furylthiazole	2B	7, Sup 7	1987	1987		0.1% by weight (w/w)	
366-70-1	Procaine hydrochloride	2A	26, Sup 7	1987	1987	NI Overall evaluation upgraded to Group 2A with supporting evidence from other relevant data	0.1% by weight (w/w)	
3688-33-7	F2,2'-[2,2'-Furyl]-3,3'-nitro-2-furyl(arylamide)	2B	23, Sup 7	1987	1987		0.1% by weight (w/w)	
3697-24-3	5-Methylchrysenes	2B	Sup 7, 92	2010	2005		0.1% by weight (w/w)	
37319-17-8	Pentosan polysulfate sodium	2B	108	2016	2013		0.1% by weight (w/w)	
3761-63-3	Ponocou MX	2B	8, Sup 7	1987	1987		0.1% by weight (w/w)	
37620-20-5	N-Nitrosoazobisisobutyronitrile (NAB)	3	37, Sup 7, 89	2007	2004		0.1% by weight (w/w)	
3771-18-5	Nafepropin	2B	24, Sup 7	1987	1987		0.1% by weight (w/w)	
3778-73-2	Isopropylamine	3	26, Sup 7	1987	1987		0.1% by weight (w/w)	
3795-88-8	1-(4-chlorophenylmethyl)-3-(2-nitrofurfuryl(amide) amino)-2-oxazolidinone	2B	7, Sup 7	1987	1987		0.1% by weight (w/w)	
3844-45-9	Bright Blue FCF, disodium salt	3	16, Sup 7	1987	1987		0.1% by weight (w/w)	
38571-73-2	1,2,3-Tris(chloromethyl)propene	3	15, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
38621-71-4	4,5,8-Triethylfluoranthene	3	40, Sup 7	1987	1987		0.1% by weight (w/w)	
396-01-0	Triamterene	2B	108	2016	2013		0.1% by weight (w/w)	
4063-41-6	4,5'-Dimethylazetidine plus ultraviolet A radiation	3	Sup 7	1987	1987		0.1% by weight (w/w)	
40762-15-0	Diazepam	3	46	1996	1996		0.1% by weight (w/w)	
40921-2	Silicon carbide whiskers	2A	111	2014	2012		0.1% by weight (w/w)	
4170-30-3	Crotonaldehyde	2B	63, 128	2021 online	2020		0.1% by weight (w/w)	
4201-12-2	Ethylene sulfide	3	11, Sup 7	1987	1987		0.1% by weight (w/w)	
43397-64-8	1,4-Dinitropropene	2B	46, 105	2014	2012		0.1% by weight (w/w)	
43397-65-9	1,8-Dinitropropene	2B	Sup 7, 46, 105	2014	2012		0.1% by weight (w/w)	
4342-04-4	Dacarbazine	2B	26, Sup 7	1987	1987		0.1% by weight (w/w)	
4381-14-5	Diazepam	3	Sup 7, 46	1987	1987		0.1% by weight (w/w)	
443-49-1	Metronidazole	2B	13, Sup 7	1987	1987		0.1% by weight (w/w)	
446-86-6	Azathioprine	1	26, Sup 7, 100A	2012	2008		0.1% by weight (w/w)	
448-83-2	Ponocou SR	2B	8, Sup 7	1987	1987		0.1% by weight (w/w)	
4549-40-0	N-Nitrosodimethylamine	2B	17, Sup 7	1987	1987		0.1% by weight (w/w)	
4657-93-6	5-Aminoazobenzene	3	16, Sup 7	1987	1987		0.1% by weight (w/w)	
4680-78-8	Guinea Green B	3	16, Sup 7	1987	1987		0.1% by weight (w/w)	
4801-6-6	Hexocaine	3	10, Sup 7	1987	1987		0.1% by weight (w/w)	
480-81-9	Seneciphylline	3	10, Sup 7	1987	1987		0.1% by weight (w/w)	
484-20-8	5-Methoxypropylamine	2A	40, Sup 7	1987	1987	NI Overall evaluation upgraded to Group 2A with supporting evidence from other relevant data	0.1% by weight (w/w)	
492-17-1	2,4'-Diphenyldiamine	3	16, Sup 7	1987	1987		0.1% by weight (w/w)	
493-89-8	Auramine	2B	1, Sup 7, 99, 100F	2012	2009		0.1% by weight (w/w)	
493-92-7	Methyl red	3	8, Sup 7	1987	1987		0.1% by weight (w/w)	
494-03-1	N,N-Bis(2-chloroethyl)-2-naphthylamine (see Chlorambazine)	3	8, Sup 7	1987	1987		0.1% by weight (w/w)	
494-03-1	Chlorambazine	1	4, Sup 7, 100A	2012	2008		0.1% by weight (w/w)	
494-38-2	Acridine orange	3	16, Sup 7	1987	1987		0.1% by weight (w/w)	
50-00-0	Formaldehyde	1	Sup 7, 62, 88, 100F	2012	2009		0.1% by weight (w/w)	
50-06-6	Phenobarbital	2B	Sup 7, 79	2001	2000		0.1% by weight (w/w)	
50-07-7	Diazepam	2B	10, Sup 7	1987	1987		0.1% by weight (w/w)	
50-18-0, 6095-19-2	Cyclophosphamide	1	25, Sup 2, 100A	2012	2008		0.1% by weight (w/w)	
50-29-3	DDT (1,1'-dichloro-2,2-bis(4-chlorophenyl)ethane)	2A	Sup 7, 53, 113	2018	2015		0.1% by weight (w/w)	
50-32-8	Benzaldehyde	1	Sup 7, 92, 100F	2012	2009	NI Overall evaluation upgraded to Group 1 based on mechanistic and other relevant data	0.1% by weight (w/w)	
50-33-9	Phenybutazone	3	13, Sup 7	1987	1987		0.1% by weight (w/w)	
50-41-9	Gemfibrozil	3	Sup 7, 79	1987	1987		0.1% by weight (w/w)	
50-44-2	6-Mercaptopurine	3	26, Sup 7	1987	1987		0.1% by weight (w/w)	
50-55-5	Risperidone	3	24, Sup 7	1987	1987		0.1% by weight (w/w)	
50-76-0	Acetaminophen D	3	10, Sup 7	1987	1987		0.1% by weight (w/w)	
501-30-4	Rosiglitazone	3	8, Sup 7	2001	2000		0.1% by weight (w/w)	
501-60-2	Mustard gas (see Sulfur mustard)	3	9, Sup 7, 100F	2012	2009		0.1% by weight (w/w)	
502-90-2	Sulfur mustard	3	9, Sup 7, 100F	2012	2009		0.1% by weight (w/w)	
502-91-8	Tetrachloroethane	2B	65	1996	1996		0.1% by weight (w/w)	
50926-11-9	Iridium tetraxide	2B	118	2018 online	2017		0.1% by weight (w/w)	
51-02-5	Pronethalol hydrochloride	3	13, Sup 7	1987	1987		0.1% by weight (w/w)	
51-03-6	Promethazine	3	10, Sup 7	1987	1987		0.1% by weight (w/w)	
51-18-3	2,4,6-Tris(1-azidomethyl)-1,3,5-triazine	3	9, Sup 7	1987	1987		0.1% by weight (w/w)	
51-21-8	5-Fluorouracil	3	26, Sup 7	1987	1987		0.1% by weight (w/w)	
51-52-6	Propylthiouracil	2B	Sup 7, 79	2001	2000		0.1% by weight (w/w)	
51-75-2	Nitrogen mustard	2A	9, Sup 7	1987	1987		0.1% by weight (w/w)	
51-79-6	Ethyl carbamate (urethane)	2A	7, Sup 7, 96	2010	2007		0.1% by weight (w/w)	
52-19-6	Chlorobutylene	3	30, Sup 7	1987	1987		0.1% by weight (w/w)	
52164-14-3	Amoxicillin	2B	76	2000	1999		0.1% by weight (w/w)	
53137-1	1-Chloro-2-methylpropene	2B	63	1995	1995		0.1% by weight (w/w)	
53131-60-2	4-Chloro-2-methylpropene	2B	27, Sup 7	1987	1987		0.1% by weight (w/w)	
53141-08-8	Light Green SF 59	3	11, Sup 7	1987	1987		0.1% by weight (w/w)	
53181-61-9	Cimetidine	3	50	1990	1989		0.1% by weight (w/w)	
53160-20-1	0, 8 & Red No. 9	3	Sup 7, 57	1993	1992		0.1% by weight (w/w)	
53139-58-1	Promethazine	3	13	1993	1993		0.1% by weight (w/w)	
5375-2	Citron	3	40, Sup 7	1987	1987		0.1% by weight (w/w)	
52-01-7	Spirolactone	3	Sup 7, 79	2001	2000		0.1% by weight (w/w)	
52-24-4	Thiorpa	1	Sup 7, 50, 100A	2012	2008		0.1% by weight (w/w)	
52-46-0	Acetabenzolene	3	9, Sup 7	1987	1987		0.1% by weight (w/w)	
53-68-6	Trichlorfon	3	30, Sup 7	1987	1987		0.1% by weight (w/w)	
5301-18-3	Kaemferol	3	31, Sup 7	1987	1987		0.1% by weight (w/w)	
523-44-4	(1) Acid Orange 20	3	8, Sup 7	1987	1987		0.1% by weight (w/w)	
523-44-4	Orange 1 (see (1) Acid Orange 20)	3	8, Sup 7	1987	1987		0.1% by weight (w/w)	
523-50-2	Angelicin plus ultraviolet A radiation	3	40, Sup 7	1987	1987		0.1% by weight (w/w)	
53465-23-1	Promethazine	3	13	1993	1993		0.1% by weight (w/w)	
52928-69-5	Dibutyltin dichloride	3	53	1991	1990		0.1% by weight (w/w)	
53-03-2	Prednisone	3	26, Sup 7	1987	1987		0.1% by weight (w/w)	
53-03-2	Prednisolone	3	26, Sup 7	1987	1987		0.1% by weight (w/w)	
53-70-3	Dibenzofuran	2A	Sup 7, 92	2010	2005	NI Overall evaluation upgraded to Group 2A with supporting evidence from other relevant data	0.1% by weight (w/w)	
5307-14-2	1,4-Diamino-2-nitrobenzene	3	Sup 7, 57	1993	1992		0.1% by weight (w/w)	
531-70-0	Merfalan	2B	5, Sup 7	1987	1987		0.1% by weight (w/w)	
531-82-8	N-[4-(5-Nitro-2-furyl)-2-thiazolyl]acetamide	2B	7, Sup 7	1987	1987		0.1% by weight (w/w)	
532-82-1	Chrysofenone	3	8, Sup 7	1987	1987		0.1% by weight (w/w)	
536-33-4	Chromamine	3	13, Sup 7	1987	1987		0.1% by weight (w/w)	
5385-75-1	Dibenzofulfluoranthene	3	Sup 7, 92	2010	2005		0.1% by weight (w/w)	
53973-98-1	Carraegenan, degraded (Poligeenan)	2B	31, Sup 7	1987	1987		0.1% by weight (w/w)	
53973-98-1	Poligeenan (see Carraegenan, degraded)	2B	31, Sup 7	1987	1987		0.1% by weight (w/w)	
54-99-7	Chloroquin	3	11, Sup 7	1987	1987		0.1% by weight (w/w)	
54-31-9	Furosemide (Fussemide)	3	50	1990	1989		0.1% by weight (w/w)	
54-85-3	Isonicotinic acid hydrazide (isoniazid)	3	4, Sup 7	1987	1987		0.1% by weight (w/w)	
540-73-8	1,2-Dimethylhydrazine	2A	4, Sup 7, 71	1999	1998	NI Overall evaluation upgraded to Group 2A with supporting evidence from other relevant data	0.1% by weight (w/w)	
541131-1	meta-Dichlorobenzene	3	73	1999	1998		0.1% by weight (w/w)	
542-56-3	Isobutyl nitrite	2B	122	2019	2018		0.1% by weight (w/w)	
542-75-6	1,3-Dichloropropene (technical-grade)	2B	41, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
542-78-9	Malonaldehyde	3	36, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
542-80-1, 107-30-2	Bis(chloromethyl)ether: chloromethyl methyl ether (technical-grade)	1	4, Sup 7, 100F	2012	2009		0.1% by weight (w/w)	
5431-34-4	Glycidyl oleate	3	11, Sup 7	1987	1987		0.1% by weight (w/w)	
545-06-2	Trichloroacetonitrile	3	52, 71	1999	1998		0.1% by weight (w/w)	
545-53-1	Tris(1-azidomethyl)phosphine oxide	3	9, Sup 7	1987	1987		0.1% by weight (w/w)	
545-58-0	Ethyl sebacate	3	12, Sup 7	1987	1987		0.1% by weight (w/w)	
54749-90-5	Chlorzoxipron	2A	50	1990	1989		0.1% by weight (w/w)	
548-62-9	Gentian violet (see also Leucogentian violet)	2B	129	2022 online	2021		0.1% by weight (w/w)	
55-18-5	N-Nitrosodimethylamine	2A	17, Sup 7	1987	1987	NI Overall evaluation upgraded to Group 2A with supporting evidence from other relevant data	0.1% by weight (w/w)	
55-98-1	1,4-Bis(azidomethyl)dimethylsulfonate (see Busulfan)	3	Sup 7, 79	2001	2000		0.1% by weight (w/w)	
55-98-1	Busulfan	1	4, Sup 7, 100A	2012	2008		0.1% by weight (w/w)	

Source: <https://monographs.iarc.who.int/list-of-classifications>

CAS No.	Agent	Group	Volume	Volume Publication Year	Evaluation Year	Additional Information	Limit	Notes from BCC Session
56-75-7	Chloramphenicol	2A	Sep 7, 50	1990	1989	NB Overall evaluation upgraded to Group 2A with supporting evidence from other relevant data	0.1% by weight (w/w)	
562-10-7	Doxylamine succinate	3	79	2001	2000		0.1% by weight (w/w)	
563-43-7	Semicarbazide hydrochloride	3	17, Sup 7	1987	1987		0.1% by weight (w/w)	
563-43-7	1-Chloro-1-methylpropene, technical grade	2B	63, 115	2018	2016		0.1% by weight (w/w)	
56894-91-8	1,4-Bis(chloromethyl)benzene	3	15, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
569-61-9	Cl Basic Red 9	2B	57, 99	2010	2008		0.1% by weight (w/w)	
56964-3, 14426-79-8	Malachite green (see also Leucomalachite green)	3	129	2022 online	2021		0.1% by weight (w/w)	
57-06-7	Allyl isothiocyanate	3	73, Sup 7	1999	1998		0.1% by weight (w/w)	
57-147-7	1,4-Dimethylhydrazine	2B	4, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
57-29-6	1-(2-methyl-5-oximidazolizosphine oxide	3	15, Sup 7	1987	1987		0.1% by weight (w/w)	
57-41-0	Phenytin	2B	Sup 7, 66	1996	1996		0.1% by weight (w/w)	
57-57-8	beta-Propolactone	2B	4, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
57-68-1	Sulfamethazine	3	79	2001	2000		0.1% by weight (w/w)	
57-74-9	Chloridine	2B	Sup 7, 53, 79	2001	2000		0.1% by weight (w/w)	
57-85-5	Cholesterol	3	33, Sup 7	1987	1987		0.1% by weight (w/w)	
57018-52-7	1-tert-Butoxypropan-2-ol	2B	88, 119	2019	2017		0.1% by weight (w/w)	
57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1	100F	2012	2009	NB Overall evaluation upgraded to Group 1 based on mechanistic and other relevant data	0.1% by weight (w/w)	
57465-28-8	2,2',4,4',5'-Pentachlorodibenzophenyl (PCB-126)	1	100F	2012	2009	See Polychlorinated biphenyls, dioxin-like, with a TEF according to WHO	0.1% by weight (w/w)	
57835-92-4	4-Nitrophenol	2B	46, 105	2014	2012		0.1% by weight (w/w)	
58-08-2	Caffeine	3	53	1991	1990		0.1% by weight (w/w)	
58-14-0	Pyrimethamine	3	13, Sup 7	1987	1987		0.1% by weight (w/w)	
58-55-9	Theophylline	3	53	1991	1990		0.1% by weight (w/w)	
58-89-9	Lindane (see also hexachlorocyclopentadiene)	1	113	2018	2015		0.1% by weight (w/w)	
58-93-5	Hydrochlorothiazide	2B	90, 108	2016	2013		0.1% by weight (w/w)	
581-89-5	2-Nitroaniline	3	46	1988	1988		0.1% by weight (w/w)	
59-05-2	Methotrexate	3	26, Sup 7	1987	1987		0.1% by weight (w/w)	
59-87-0	Nitrofurantoin (Nitrofurazone)	3	50	1990	1989		0.1% by weight (w/w)	
59-89-2	Nitrofurantoin	2B	17, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
592-62-1	Methylxanthoxymethanol acetate	2B	10, Sup 7	1987	1987		0.1% by weight (w/w)	
59277-89-3	Aciclovir	3	76	2000	1999		0.1% by weight (w/w)	
593-60-2	Vinyl bromide	2A	39, Sup 7, 71, 97	2008	2007		0.1% by weight (w/w)	
593-70-4	Chlorofluoromethane	3	41, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
59536-65-1	Polybrominated biphenyls	2A	41, Sup 7, 107	2016	2013	NB Overall evaluation upgraded to Group 2A with supporting evidence from other relevant data, namely mechanistic similarity with polychlorinated biphenyls classified in Group 1	0.1% by weight (w/w)	
598-55-0	Methyl carbamate	3	12, Sup 7	1987	1987		0.1% by weight (w/w)	
59820-43-8	HC Yellow No. 4	3	57	1993	1992		0.1% by weight (w/w)	
59865-13-3, 79217-60-0	Cyclosporin (see Cyclosporine)	3					0.1% by weight (w/w)	
59865-13-3, 79217-60-0	Cyclosporine	1	50, 100A	2012	2008		0.1% by weight (w/w)	
5989-27-5	d-Limonene	3	56, 73	1999	1998	NB Overall evaluation downgraded to Group 3 with supporting evidence from other relevant data	0.1% by weight (w/w)	
599-79-1	Sulfasalazine	2B	108	2016	2013		0.1% by weight (w/w)	
60-09-3	para-Aminoazobenzene	2B	8, Sup 7	1987	1987		0.1% by weight (w/w)	
60-11-7	para-Dimethylaminoazobenzene	2B	8, Sup 7	1987	1987		0.1% by weight (w/w)	
60-30-5	Acetaminophen	2B	17, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
60-56-0	Methazine	3	79	2001	2000		0.1% by weight (w/w)	
60-57-1	Dieldrin (see Dieldrin, and aldrin metabolized to dieldrin)	2A	5, Sup 7, 117	2019	2016		0.1% by weight (w/w)	
60-57-1, 399-00-2	Dieldrin, and aldrin metabolized to dieldrin	2A	5, Sup 7, 117	2019	2016		0.1% by weight (w/w)	
60102-37-6	Petasitenone	3	31, Sup 7	1987	1987		0.1% by weight (w/w)	
60153-49-3	3-N-Nitrosomethylaminoazobenzene	2B	Sup 7, 85	2004	2003		0.1% by weight (w/w)	
602-66-8	3-Nitroaniline	3	33, Sup 7	1987	1987		0.1% by weight (w/w)	
602-87-9	5-Nitroazobenzene	2B	15, Sup 7	1987	1987		0.1% by weight (w/w)	
603-48-5	Leucogenetin violet (see also Gentian violet)	3	129	2022 online	2021		0.1% by weight (w/w)	
606-76-1	Oxazepam	2B	Sup 7, 66	1996	1996		0.1% by weight (w/w)	
606-20-2	2,6-Dinitrophenol	2B	46, 105	2014	2012		0.1% by weight (w/w)	
607-57-8	2-Nitrofluorene	2B	46, 105	2014	2012		0.1% by weight (w/w)	
609-20-1	2,6-Dichloro-para-aminodiamine	3	39, Sup 7	1987	1987		0.1% by weight (w/w)	
61-57-4	Nitroazole	2B	13, Sup 7	1987	1987		0.1% by weight (w/w)	
61-83-5	Anilide	3	79, Sup 7	2001	2000	NB Overall evaluation downgraded to Group 3 with supporting evidence from other relevant data	0.1% by weight (w/w)	
611-06-3	2,4-Dichloro-1-nitrobenzene	2B	123	2020 online	2018		0.1% by weight (w/w)	
613-35-4	N,N'-Diacetylbenzidine	2B	16, Sup 7	1987	1987		0.1% by weight (w/w)	
615-05-4	2,4-Diaminobenzidine	2B	Sup 7, 79	2001	2000		0.1% by weight (w/w)	
615-28-1	ortho-Phenylenediamine dihydrochloride	2B	123	2020 online	2018		0.1% by weight (w/w)	
615-53-2	N-Methyl-N-nitrosourea	2B	4, Sup 7	1987	1987		0.1% by weight (w/w)	
6164-98-3	Chlormidomorph	3	30, Sup 7	1987	1987		0.1% by weight (w/w)	
618-83-9	3,5-Dinitrofluorene	3	65	1996	1995		0.1% by weight (w/w)	
62-44-2	Phenacetin	1	34, Sup 7, 100A	2012	2008	NB Overall evaluation upgraded to Group 1 with supporting evidence from other relevant data	0.1% by weight (w/w)	
62-50-0	Ethyl methanesulfonate	2B	7, Sup 7	1987	1987		0.1% by weight (w/w)	
62-53-3	Aniline (see also Aniline hydrochloride)	2A	27, Sup 7, 127	2021 online	2020		0.1% by weight (w/w)	
62-55-5	Thioacetamide	2B	7, Sup 7	1987	1987		0.1% by weight (w/w)	
62-56-6	Thiourea	3	Sup 7, 79	2001	2000		0.1% by weight (w/w)	
62-73-7	Dichlorvos	2B	Sup 7, 53	1991	1990		0.1% by weight (w/w)	
62-75-9	N-Nitrosodimethylamine	2A	17, Sup 7	1987	1987	NB Overall evaluation upgraded to Group 2A with supporting evidence from other relevant data	0.1% by weight (w/w)	
631-64-7	N-Nitrosodipropylamine	2B	17, Sup 7	1987	1987		0.1% by weight (w/w)	
63450-06-0	Tri-p-1-(2-Amino-1,4-dimethyl-5H-pyridol-3-yl)imidazole	2B	17, Sup 7	1987	1987		0.1% by weight (w/w)	
63450-07-1	Tri-p-2-(3-Amino-1-methyl-5H-pyridol-3-yl)imidazole	2B	31, Sup 7	1987	1987		0.1% by weight (w/w)	
637-12-3	n-Propyl carbamate	3	13, Sup 7	1987	1987		0.1% by weight (w/w)	
63-25-2	Carbamyl	3	12, Sup 7	1987	1987		0.1% by weight (w/w)	
63-29-3	Phenazopyridine hydrochloride	2B	24, Sup 7	1987	1987		0.1% by weight (w/w)	
630-20-6	1,1,1,2-Tetrachloroethane	2B	41, Sup 7, 71, 106	2014	2012		0.1% by weight (w/w)	
63041-90-7	6-Nitrobenzoic aldehyde	3	Sup 7, 46	1989	1988		0.1% by weight (w/w)	
631-64-1	Chloromazotolone	2B	103	2013	2011		0.1% by weight (w/w)	
631-99-5	Magneta	2B	Sup 7, 57, 99, 100F	2012	2009		0.1% by weight (w/w)	
6358-53-8	Citrus Red No. 2	2B	8, Sup 7	1987	1987		0.1% by weight (w/w)	
6369-72-5	Sudan Red 7B	3	8, Sup 7	1987	1987		0.1% by weight (w/w)	
637-07-0	Clofibrate	3	Sup 7, 66	1996	1996		0.1% by weight (w/w)	
6373-74-6	Cl Acid Orange 3	3	57	1993	1992		0.1% by weight (w/w)	
64-17-5	Ethanol in alcoholic beverages	1	96, 100E	2012	2009		0.1% by weight (w/w)	
64-67-5	Diethyl sulfate	2A	54, 71	1999	1998	NB Overall evaluation upgraded to Group 2A with supporting evidence from other relevant data	0.1% by weight (w/w)	
641-48-5	1,2-Dichloroethane	2B	93	2020	2005		0.1% by weight (w/w)	
6416-57-5	Sudan Brown 8B	3	8, Sup 7	1987	1987		0.1% by weight (w/w)	
64396-13-1	Arsenobetaine and other organic arsenic compounds that are not metabolized in humans	3	100C	2012	2009		0.1% by weight (w/w)	
6459-84-5	Cl Acid Red 14	2B	57	1993	1992		0.1% by weight (w/w)	
64742-93-4	Bitumens, occupational exposure to oxidized bitumens and their emissions during roofing	2A	103	2013	2011		0.1% by weight (w/w)	
65271-80-9	Mitosantrone	2B	76	2000	1999		0.1% by weight (w/w)	
65996-93-2	Coal-tar pitch	1	35, Sup 7, 100F	2012	2009	NB Overall evaluation upgraded to Group 2A with supporting evidence from other relevant data	0.1% by weight (w/w)	
66-27-3	Methyl methanesulfonate	2A	7, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
66-27-1	Ureidyl mustard	2B	9, Sup 7	1987	1987		0.1% by weight (w/w)	
66793-21-9	Eriofone	1	42, Sup 7, 100C	2012	2009		0.1% by weight (w/w)	
67-20-9	Nitrofurantoin	3	50	1990	1989		0.1% by weight (w/w)	
67-45-8	Paraldehyde	3	13, Sup 7	1987	1987		0.1% by weight (w/w)	
67-63-0	Isopropyl alcohol	3	15, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
67-66-3	Chloroform	2B	Sup 7, 73	1999	1998		0.1% by weight (w/w)	
67-72-1	Hexachloroethane	2B	27	1999	1998		0.1% by weight (w/w)	
67730-10-3	Glup-P-2 (2-Amino-6-methylpyridin-2-yl)-2,3,2',2'-dilmidazole	2B	40, Sup 7	1987	1987		0.1% by weight (w/w)	
67730-11-4	Glup-P-1 (2-Amino-6-methylpyridin-2-yl)-2,3,2',2'-dilmidazole	2B	40, Sup 7	1987	1987		0.1% by weight (w/w)	
68-32-2	N,N-Dimethylformamide	2A	47, 71, 115	2019	2016		0.1% by weight (w/w)	
68-76-8	Tris(dimethylamino)phosphorane (Trisazaphen)	3	8, Sup 7	1987	1987		0.1% by weight (w/w)	
680-31-9	Hexamethylphosphoramide	2B	15, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
68006-83-7	MeA-alpha-C (2-Amino-3-methyl-9H-pyridol-2-yl)imidazole	2B	40, Sup 7	1987	1987		0.1% by weight (w/w)	
68308-34-9	Shale oils	1	35, Sup 7, 100F	2012	2009	NB Overall evaluation upgraded to Group 2A with supporting evidence from other relevant data	0.1% by weight (w/w)	
684-91-5	N-Methyl-N-nitrosourea	2A	17, Sup 7	1987	1987		0.1% by weight (w/w)	
68603-42-9	Cocoon oil diethanolamine condensate	2B	103	2013	2011		0.1% by weight (w/w)	
6870-67-3	Jacobine	3	10, Sup 7	1987	1987		0.1% by weight (w/w)	
69-53-4	Ampicillin	3	50	1990	1989		0.1% by weight (w/w)	
693-89-1	2-Methylimidazole	2B	103	2013	2011		0.1% by weight (w/w)	
69655-05-6	Osidonine	3	76	2000	1999		0.1% by weight (w/w)	
70-25-7	N-Methyl-N'-nitro-N-nitrosoguanidine (MNNG)	2A	4, Sup 7	1987	1987		0.1% by weight (w/w)	
70-30-4	Hexachlorophene	3	20, Sup 7	1987	1987		0.1% by weight (w/w)	
7099-44-6	5,6-Epoxyoctano-2,2-benzanthracene	3	92	2010	2005		0.1% by weight (w/w)	
71-43-2	Benzo(a)pyrene	1	20, Sup 7, 100F, 120	2018	2017		0.1% by weight (w/w)	
71-55-6	1,1,1-Trichloroethane	2A	20, Sup 7, 71, 130	2022 online				

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 Date of Last Update to List: 9/22/2024

CAS No.	Agent	Group	Volume	Volume Publication Year	Evaluation Year	Additional Information	Limit	Notes from BCCP Session
71267-22-6	2-Amino-5-(5-nitro-2-furyl)-3,4-thiazole	2B	7, Sup 7	1987	1987		0.1% by weight (w/w)	
72-20-8	N-Nitrosodimethylamine (NDMA)	3	17, Sup 7, 89	2007	2004		0.1% by weight (w/w)	
72-43-5	Indole	3	5, Sup 7	1987	1987		0.1% by weight (w/w)	
72-57-1	Methoxychlor	3	20, Sup 7	1987	1987		0.1% by weight (w/w)	
72-57-1	Typical blue	2B	8, Sup 7	1987	1987		0.1% by weight (w/w)	
7270-79-9	Methylene blue	3	108	2016	2013		0.1% by weight (w/w)	
733-46-6	Sulfamethoxazole	3	Sup 7, 79	2001	1987		0.1% by weight (w/w)	
74359-03-7	5-Methylcelastrol plus ultraviolet A radiation	3	Sup 7	1987	2007		0.1% by weight (w/w)	
74-83-9	Methyl formate	3	41, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
74-85-1	Ethylene	3	Sup 7, 60	1994	1998		0.1% by weight (w/w)	
74-87-3	Methyl chloride	3	41, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
74-88-4	Methyl iodide	3	41, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
74-96-4	Bromoethane	3	52, 71	1999	1998		0.1% by weight (w/w)	
7439-92-1	Lead	2B	23, Sup 7	1987	1987		0.1% by weight (w/w)	
7439-97-6	Mercury and inorganic mercury compounds	3	58	1993	1993		0.1% by weight (w/w)	
7440-02-0	Nickel, metallic	2B	Sup 7, 49	1990	1989		0.1% by weight (w/w)	
7440-07-5	Plutonium	1	78, 1000	2012	2009		0.1% by weight (w/w)	
7440-29-1	Thorium 232 and its decay products	1	78, 1000	2012	2009		0.1% by weight (w/w)	
7440-38-3	Arsenic and inorganic arsenic compounds	1	23, Sup 7, 1000	2012	2009		0.1% by weight (w/w)	
7440-41-7	Beryllium and beryllium compounds	1	Sup 7, 58, 1000	2012	2009		0.1% by weight (w/w)	
7440-43-9	Cadmium and cadmium compounds	1	58, 1000	2012	2009		0.1% by weight (w/w)	
7440-47-3	Chromium, metallic	3	Sup 7, 49	1990	1989		0.1% by weight (w/w)	
7440-48-4	Cobalt metal (without tungsten carbide or other metal alloys)	2A	52, 86, 113	2023 online	2022		0.1% by weight (w/w)	
7440-48-4, 12070-12-1	Cobalt metal with tungsten carbide	2A	86	2006	2003		0.1% by weight (w/w)	
7440-01-1	Uranium, mixture of isotopes (see Radionuclides, alpha-particle-emitting, internally deposited)	1	78, 1000	2012	2009		0.1% by weight (w/w)	NB Uranium was listed as a Group 1 agent as a member of the family, Radionuclides, alpha-particle-emitting, internally deposited. There was limited evidence for the carcinogenicity of mixtures of uranium isotopes, with positive associations for lung cancer
7446-09-5	Sulfur dioxide	3	54	1992	1991		0.1% by weight (w/w)	
7440-84-6	Glycidyl stearate	3	11, Sup 7	1987	1987		0.1% by weight (w/w)	
7481-49-2	Zalotabine	2B	76	2000	1999		0.1% by weight (w/w)	
7496-02-8	6-Nitrochrysene	2A	Sup 7, 46, 105	2014	2012		0.1% by weight (w/w)	NB Overall evaluation upgraded to Group 2A with supporting evidence from other relevant data
75-00-3	Chloroethane	3	52, 71	1999	1998		0.1% by weight (w/w)	
75-01-4	Vinyl chloride	1	Sup 7, 97, 100F	2012	2009		0.1% by weight (w/w)	
75-01-5	Vinyl fluoride	2A	Sup 7, 63, 97	2008	2007		0.1% by weight (w/w)	NB (1) Overall evaluation upgraded to Group 2A based on mechanistic and other relevant data; (2) For practical purposes, vinyl fluoride should be considered to act similarly to the human carcinogen vinyl chloride
75-07-0	Acetaldehyde	2B	36, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
75-07-0	Acetaldehyde associated with consumption of alcoholic beverages	1	100E	2012	2009		0.1% by weight (w/w)	
75-09-2	Dichloromethane (Methylene chloride)	2A	Sup 7, 71, 110	2017	2014		0.1% by weight (w/w)	
75-21-8	Ethylene oxide	1	Sup 7, 60, 87, 100F	2012	2009		0.1% by weight (w/w)	NB Overall evaluation upgraded to Group 1 based on mechanistic and other relevant data
75-26-2	Bromoforn	3	24, 71	1999	1998		0.1% by weight (w/w)	
75-26-3	2-Bromopropane	2A	113	2024 online	2023		0.1% by weight (w/w)	
75-27-4	Bromodichloromethane	2B	52, 71	1999	1998		0.1% by weight (w/w)	
75-25-4	Vinylidene chloride	2B	30, Sup 7, 71, 110	2018	2017		0.1% by weight (w/w)	
75-38-7	Vinylidene fluoride	3	39, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
75-45-6	Chlorodifluoromethane	3	41, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
75-53-5	Nitrosomethane	2B	171	2020	2000		0.1% by weight (w/w)	
75-53-8	2-Methylaziridine (Propyleneimine)	2B	9, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
75-56-9	Propylene oxide	2B	Sup 7, 60	1994	1994		0.1% by weight (w/w)	
75-69-5	Dimethylarsinic acid	2B	100C	2012	2009		0.1% by weight (w/w)	
75-87-6	Chloro	2A	63, 84, 106	2014	2012		0.1% by weight (w/w)	
75-88-7	2-Chloro-1,1,1-trifluoroethane	3	41, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
75-19-36-0	N-Nitrosoproline	3	17, Sup 7	1987	1987		0.1% by weight (w/w)	
75121-20-9	1,3-Dinitrobenzene	2B	46, 105	2014	2012		0.1% by weight (w/w)	
7572-39-4	Dichloroacetylene	3	39, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
759-73-9	N-Ethyl-N-nitrosourea	2A	17, Sup 7	1987	1987		0.1% by weight (w/w)	
76-01-7	Pentachloroethane	3	41, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
76-03-9	Trichloroacetic acid	2B	63, 84, 106	2014	2012		0.1% by weight (w/w)	
76-44-8	Hexachlor	2B	Sup 7, 53, 79	2001	2000		0.1% by weight (w/w)	
76180-96-6	HQ (2-Amino-3-methylimidazo[4,5-f]quinoline)	2A	Sup 7, 56	1993	1992		0.1% by weight (w/w)	NB Overall evaluation upgraded to Group 2A with supporting evidence from other relevant data
7631-86-9	Silica, amorphous	3	Sup 7, 68	1997	1996		0.1% by weight (w/w)	
7647-01-0	Hydrochloric acid	3	54	1992	1991		0.1% by weight (w/w)	
765-34-4	Dinitroethene	2B	11, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
7664-93-9	Strongly ionogenic acid mists containing sulfuric acid (see Acid mists)	2B	76	2000	1999		0.1% by weight (w/w)	
77-09-8	Phenolphthalein	2B	76	2000	1999		0.1% by weight (w/w)	
77-78-1	Dimethyl sulfate	2A	4, Sup 7, 71	1999	1998		0.1% by weight (w/w)	NB Overall evaluation upgraded to Group 2A with supporting evidence from other relevant data
77094-11-2	MeIQ (2-Amino-3,4-dimethylimidazo[4,5-f]quinoline)	2B	Sup 7, 56	1993	1992		0.1% by weight (w/w)	
7722-84-1	Nitrosobenzene	3	18, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
77439-76-0	4-Chloro-4-(dichloromethyl)-5-hydroxy-2(1H)-furanone	2B	84	2004	2002		0.1% by weight (w/w)	
77500-04-0	MeIQx (2-Amino-3,8-dimethylimidazo[4,5-f]quinoline)	2B	Sup 7, 56	1993	1992		0.1% by weight (w/w)	
7759-01-2	Potassium bromate	2B	Sup 7, 73	1999	1998		0.1% by weight (w/w)	
7768-19-2	Sodium chlorate	3	52	1990	1990		0.1% by weight (w/w)	
7782-49-2	Selenium and selenium compounds	3	9, Sup 7	1987	1987		0.1% by weight (w/w)	
78-39-1	Isopropene	2B	130	2022 online	2021		0.1% by weight (w/w)	
78-79-5	Isoprene	2B	60, 71	1999	1998		0.1% by weight (w/w)	
78-87-5	1,2-Dichloropropane	1	41, Sup 7, 71, 110	2017	2014		0.1% by weight (w/w)	
78-98-8	Methylglyoxal	3	51	1991	1990		0.1% by weight (w/w)	
789-01-1	2-Nitropropane	3	46	1989	1988		0.1% by weight (w/w)	
79-00-5	1,1,2-Trichloroethane	3	52, 71	1999	1998		0.1% by weight (w/w)	
79-01-6	Trichloroethylene	1	Sup 7, 63, 106	2014	2012		0.1% by weight (w/w)	NB Overall evaluation upgraded to Group 2A with supporting evidence from other relevant data
79-06-1	Acrylamide	2A	60, Sup 7	1994	1994		0.1% by weight (w/w)	
79-10-7	Acrylic acid	3	10, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
79-34-5	1,1,2,2-Tetrachloroethane	2B	63, 84, 106	2014	2012		0.1% by weight (w/w)	
79-43-6	Dichloroacetic acid	2B	63, 84, 106	2014	2012		0.1% by weight (w/w)	
79-44-7	Dimethylcarbamoyl chloride	2A	12, Sup 7, 71	1999	1998		0.1% by weight (w/w)	NB Overall evaluation upgraded to Group 2A with supporting evidence from other relevant data
79-46-9	2-Nitropropane	2B	29, Sup 7, 71	1999	1998		0.1% by weight (w/w)	NB Overall evaluation upgraded to Group 2A with supporting evidence from mechanistic data
79-94-7	Tetrachlorobiphenyl A	2A	115	2018	2016		0.1% by weight (w/w)	
794-93-4	Dihydroxymethylfurfural (see also Panfuran S)	3	24, Sup 7	1987	1987		0.1% by weight (w/w)	
794-93-4	Panfuran S (containing dihydroxymethylfurfural)	2B	24, Sup 7	1987	1987		0.1% by weight (w/w)	
80-00-0	Opisone	3	24, Sup 7	1987	1987		0.1% by weight (w/w)	
80-62-6	Methylmethacrylate	3	Sup 7, 60	1994	1994		0.1% by weight (w/w)	
800-31-8	Acridic benzoquinone	3	9, Sup 7	1987	1987		0.1% by weight (w/w)	
8001-35-2	Toxaphene (Polychlorinated camphens)	2B	Sup 7, 79	2001	2000		0.1% by weight (w/w)	
8001-50-1	Terpene polychlorinated (Strobane [®])	3	5, Sup 7	1987	1987		0.1% by weight (w/w)	
8001-58-8	Crotonol	2A	Sup 7, 92	2010	2005		0.1% by weight (w/w)	
8002-09-9	Crode oil	3	65	1989	1988		0.1% by weight (w/w)	
8007-45-2	Coal tars (see Coal-tar distillation)	3	35, Sup 7	1987	1987		0.1% by weight (w/w)	
8007-45-2	Coal-tar distillation	1	92, 100F	2012	2009		0.1% by weight (w/w)	
8018-07-3	Acrylfurium chloride	3	13, Sup 7	1987	1987		0.1% by weight (w/w)	
804-36-4	Nitron	3	31, Sup 7	1987	1987		0.1% by weight (w/w)	
8047-67-4	Saccharated iron oxide	3	2, Sup 7	1987	1987		0.1% by weight (w/w)	
8052-42-4	Bitumens, extracts of steam-refined and air-refined; steam-refined, cracking-residue and air-refined bitumens (see Bitumens, occupational exposures)	3	Sup 7, 73	1999	1998		0.1% by weight (w/w)	
8052-42-4, 64741-56-6	Bitumens, occupational exposure to straight-run bitumens and their emissions during road paving	2B	103	2013	2011		0.1% by weight (w/w)	NB Overall evaluation downgraded to Group 3 with supporting evidence from other relevant data
81-07-2	Saccharin and its salts	3	Sup 7, 73	1999	1998		0.1% by weight (w/w)	
81-15-2	Musk xylene	3	101	1996	1996		0.1% by weight (w/w)	
81-49-2	1-Amino-2,4-dibromobenzquinone	2B	101	2011	2011		0.1% by weight (w/w)	
81-88-9	Rhodamine B	3	16, Sup 7	1987	1987		0.1% by weight (w/w)	
817-09-4	Chloromethane (Trichloroethylene hydrochloride)	2B	Sup 7, 60	1994	1994		0.1% by weight (w/w)	
82-28-0	1-Amino-1-methylanthraquinone	3	27, Sup 7	1987	1987		0.1% by weight (w/w)	
82-68-8	Quinzoene (Pentachloronitrobenzene)	3	5, Sup 7	1987	1987		0.1% by weight (w/w)	
82-86-6	4-Methylimidazole	2B	101	2011	2011		0.1% by weight (w/w)	
83413-20-5	Proflorfenone	3	66	1996	1996		0.1% by weight (w/w)	
83-00-2	Dimethoxybenzene	3	15, Sup 7	1987	1987		0.1% by weight (w/w)	
83-32-9	Acenaphthene	3	94	2010	2005		0.1% by weight (w/w)	
83-63-6	Diacetylmorphine	3	8, Sup 7	1987	1987		0.1% by weight (w/w)	
83-66-9	Musk ambrette	3	65	1995	1995		0.1% by weight (w/w)	
83-67-0	Theobromine	3	51	1991	1990		0.1% by weight (w/w)	
832-69-9	1-Methylphenanthrene	3	Sup 7, 92	2010	2005		0.1% by weight (w/w)	
83463-62-1	Bromochloroacetonitrile	3	52, 71	1999	1998		0.1% by weight (w/w)	
838-88-0	4,4'-Methylene bis(2-methylamine)	2B	4, Sup 7	1987	1987		0.1% by weight (w/w)	
84-85-1	Anthrone	2B	101	2011	2011		0.1% by weight (w/w)	
843-01-9	Suden 1	3	8, Sup 7	1987	1987		0.1% by weight (w/w)	
846-50-4	Temazepam	3	66	1996	1996		0.1% by weight (w/w)	
85-01								

Source: <https://monographs.iarc.who.int/list-of-classifications>
 Date of Last Update to List: 9/22/2024

CAS No.	Agent	Group	Volume	Volume Publication Year	Evaluation Year	Additional Information	Limit	Notes from BCC Process
81-86-9	Sudan III	3	8, Sup 7	1987	1987		0.1% by weight (w/w)	
85502-23-4	1,1-Dinitroethoxy(2-amino)propanoate ethyle	3	Sup 7, 85	2004	2003		0.1% by weight (w/w)	
85878-62-2	Pivdrol 4-chloroform	3	40, Sup 7	1987	1987		0.1% by weight (w/w)	
85878-63-3	7-Methylpyridyl(3,4-chloroform)	3	40, Sup 7	1987	1987		0.1% by weight (w/w)	
86-30-6	N-Nitrosodiphenylamine	3	27, Sup 7	1987	1987		0.1% by weight (w/w)	
86-54-4	Hydroquinone	3	24, Sup 7	1987	1987		0.1% by weight (w/w)	
86-57-7	1-Nitrosophthalene	3	46	1988	1988		0.1% by weight (w/w)	
86-73-7	Fluorene	3	Sup 7, 92	2010	2005		0.1% by weight (w/w)	
86-74-8	Carbazole	3B	33, Sup 7, 71, 103	2013	2011		0.1% by weight (w/w)	
86-88-4	2-Naphthylthiourea (ANTU)	3	30, Sup 7	1987	1987		0.1% by weight (w/w)	
868-85-9	dimethyl hydrogen phosphite	2B	48, 73, 133	2024 online	2023		0.1% by weight (w/w)	
87-29-6	Cinnamyl anthranilate	3	Sup 7, 77	2000	2000		0.1% by weight (w/w)	
87-62-7	2,6-Dimethylpiperidine (2,6-Xylidine)	3B	57	1993	1992		0.1% by weight (w/w)	
87-68-3	Hexachlorobutadiene	3	73	1999	1998		0.1% by weight (w/w)	
87-86-5	Pentachlorophenol (see also Polychlorophenols)	1	53, 73, 117	2019	2016		0.1% by weight (w/w)	
87925-62-5	Phthalic anhydride	3	40, Sup 7	1987	1987		0.1% by weight (w/w)	
88-05-1	2,4,6-Trimethylamine	3	27, Sup 7	1987	1987		0.1% by weight (w/w)	
88-06-2	2,4,6-Trichlorophenol (see also Polychlorophenols)	2B	117	2019	2016		0.1% by weight (w/w)	
88-12-0	N-Vinyl-2-pyrrolidone	3	18, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
88-72-2	2-Nitrotoluene	2A	101	2018	2011		0.1% by weight (w/w)	NB Overall evaluation upgraded to Group 2A with supporting evidence from other relevant data
88-73-3	2-Chloronitrobenzene	2B	65, 123	2020 online	2018		0.1% by weight (w/w)	
88-73-3, 121-73-3, 100-00-5	Chloronitrobenzenes (see 2-Chloronitrobenzene, 3-Chloronitrobenzene, 4-Chloronitrobenzene)	2B					0.1% by weight (w/w)	
104-61-2	1,4-Dichloro-2-nitrobenzene	2B	65, 123	2020 online	2018		0.1% by weight (w/w)	
88-82-7	Flutone	2B	108	2016	2013		0.1% by weight (w/w)	
892-23-7	3-Nitrofluoranthene	3	33, Sup 7	1987	1987		0.1% by weight (w/w)	
89378-26-7	Tormentone	3		1996	1996		0.1% by weight (w/w)	
90-04-0	ortho-Aminodiphenyl ether (see also ortho-Aminodiphenyl hydrochloride)	2A	Sup 7, 73, 127	2021 online	2020		0.1% by weight (w/w)	
90-43-7	ortho-Phenylphenol	3	73	1999	1998		0.1% by weight (w/w)	
90-65-3	Resorcinol acid	3	10, Sup 7	1987	1987		0.1% by weight (w/w)	
90-94-8	Moliner's ketone (4,4'-bis(dimethylamino)benzophenone)	2B	108	2016	2013		0.1% by weight (w/w)	
9000-07-1	Carraegenan, native	3	31, Sup 7	1987	1987		0.1% by weight (w/w)	
9000-38-8	Kava extract	2B	108	2016	2013		0.1% by weight (w/w)	
9003-84-0	Polybutadiene-styrene copolymer	3	19, Sup 7	1987	1987		0.1% by weight (w/w)	
9007-86-2	Polyvinyl chloride	3	19, Sup 7	1987	1987		0.1% by weight (w/w)	
9007-88-4	Polyethylene	3	19, Sup 7	1987	1987		0.1% by weight (w/w)	
9007-89-6	Polyvinyl alcohol	3	19, Sup 7	1987	1987		0.1% by weight (w/w)	
9003-01-4	Polycrylic acid	3	19, Sup 7	1987	1987		0.1% by weight (w/w)	
9003-07-0	Polypropylene	3	19, Sup 7	1987	1987		0.1% by weight (w/w)	
9003-20-7	Polyvinyl acetate	3	19, Sup 7	1987	1987		0.1% by weight (w/w)	
9003-12-9	Vinyl chloride-vinyl acetate copolymers	3	19, Sup 7	1987	1987		0.1% by weight (w/w)	
9003-39-8	Polyvinyl pyrrolidone	3	19, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
9003-53-6	Polystyrene	3	19, Sup 7	1987	1987		0.1% by weight (w/w)	
9003-64-7	Styrene-acrylonitrile copolymers	3	19, Sup 7	1987	1987		0.1% by weight (w/w)	
9003-65-8	Styrene-butadiene copolymers	3	19, Sup 7	1987	1987		0.1% by weight (w/w)	
9004-51-7	Iron dextran complex	3	2, Sup 7	1987	1987		0.1% by weight (w/w)	
9004-66-4	Iron dextran complex	2B	2, Sup 7	1987	1987		0.1% by weight (w/w)	
9005-36-6	Ginkgo biloba extract	2B	108	2016	2013		0.1% by weight (w/w)	
9009-14-5	Polyurethane foams	3	19, Sup 7	1987	1987		0.1% by weight (w/w)	
9010-98-4	Polychloroprene	3	19, Sup 7	1987	1987		0.1% by weight (w/w)	
9011-06-7	Vinylidene chloride-vinyl chloride copolymers	3	19, Sup 7	1987	1987		0.1% by weight (w/w)	
9011-14-7	Poly(methyl methacrylate)	3	19, Sup 7	1987	1987		0.1% by weight (w/w)	
9016-87-9	Poly(methylene polyphenyl isocyanate)	3	19, Sup 7	1987	1987		0.1% by weight (w/w)	
90370-29-9	4,4'-Trimethylthiobis(2-chlorophenyl) ether (see also Chlorophenyl herbicides)	3	19, Sup 7	1987	1987		0.1% by weight (w/w)	
91-20-3	Naphthalene	2B	82	2002	2002		0.1% by weight (w/w)	
91-22-5	Quinoline	2B	121	2019	2018		0.1% by weight (w/w)	
91-23-6	ortho-Nitroanisole	2A	65, 127	2021 online	2020		0.1% by weight (w/w)	NB Originally evaluated as 2-Nitroanisole
91-59-8	2-Naphthylamine	1	4, Sup 7, 99, 100F	2012	2009		0.1% by weight (w/w)	
91-64-5	Coumarin	3	Sup 7, 77	2000	2000		0.1% by weight (w/w)	
91-93-0	3,3'-Dimethoxybenzidine-4,4'-diisocyanate	3	19, Sup 7	1987	1987		0.1% by weight (w/w)	
91-94-1	3,3'-Dichlorobenzidine	2B	29, Sup 7	1987	1987		0.1% by weight (w/w)	
91-57-3	Amaranth	3	8, Sup 7	1987	1987		0.1% by weight (w/w)	
92-62-1	4-Aminodiphenyl	1	Sup 7, 99, 100F	2012	2009		0.1% by weight (w/w)	
92-87-5	Benzidine	1	29, Sup 7, 99, 100F	2012	2009		0.1% by weight (w/w)	
92-93-3	4-Nitrodiphenyl	3	4, Sup 7	1987	1987		0.1% by weight (w/w)	
92-93-8	N-Nitrosodiphenylamine	2B	11, Sup 7	1987	1987		0.1% by weight (w/w)	
92-94-5	N-Methylglucosamine	2B	60, 130	2022 online	2021		0.1% by weight (w/w)	
93-15-2	Methylglucosamine	2A	101, 134	2024 online	2023		0.1% by weight (w/w)	
930-95-2	N-Nitrosopyrrolidine	2B	17, Sup 7	1987	1987		0.1% by weight (w/w)	
94-36-0	Benzoyl peroxide	3	30, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
94-58-6	Orthophosphate	2B	10, Sup 7	1987	1987		0.1% by weight (w/w)	
94-59-7	Sulfone	2B	10, Sup 7	1987	1987		0.1% by weight (w/w)	
94-75-7	2,4-D,1,2-dichlorophenoxyacetic acid (See also Chlorophenoxy herbicides)	2B	113	2018	2015		0.1% by weight (w/w)	
95-06-7	Sulfate	2B	30, Sup 7	1987	1987		0.1% by weight (w/w)	
95-50-1	ortho-Dichlorobenzene	3	Sup 7, 73	1999	1998		0.1% by weight (w/w)	
95-53-4	ortho-Toluidine	1	Sup 7, 77, 99, 100F	2012	2009		0.1% by weight (w/w)	
95-54-5	ortho-Phenylenediamine	2B	113	2020 online	2018		0.1% by weight (w/w)	
95-68-1	2,4-Xylidine	3	16, Sup 7	1987	1987		0.1% by weight (w/w)	
95-69-2	4-Chloro-ortho-toluidine	2A	77, 99	2010	2008		0.1% by weight (w/w)	
95-70-5	2,5-Diaminotoluene	3	16, Sup 7	1987	1987		0.1% by weight (w/w)	
95-78-3	2,6-Xylidine	3	16, Sup 7	1987	1987		0.1% by weight (w/w)	
95-79-4	5-Chloro-ortho-toluidine	3	77	2000	2000		0.1% by weight (w/w)	
95-80-7	2,4-Diaminobenzene	2B	16, Sup 7	1987	1987		0.1% by weight (w/w)	
95-83-0	4-Chloro-ortho-phenylenediamine	2B	27, Sup 7	1987	1987		0.1% by weight (w/w)	
95-85-2	2-Amino-4-chlorophenol	2B	123	2020 online	2018		0.1% by weight (w/w)	
96-09-3	Styrene-7,8-oxide	2A	Sup 7, 60, 121	2019	2018		0.1% by weight (w/w)	NB Overall evaluation upgraded to Group 2A with supporting evidence from other relevant data
96-12-8	1,2-Dibromo-2-chloropropane	2B	20, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
96-13-9	1,2-Dibromopropane-1,3-diol	2B	77	2000	2000		0.1% by weight (w/w)	
96-18-4	1,2,3-Trichloropropane	2A	63	1995	1995		0.1% by weight (w/w)	
96-23-1	1,3-Dichloro-2-propanol	2B	101	2013	2011		0.1% by weight (w/w)	
96-24-2	3-Monochloro-1,2-propanediol	2B	101	2013	2011		0.1% by weight (w/w)	
96-33-3	Methyl acrylate	2B	39, Sup 7, 71, 122	2019	2018		0.1% by weight (w/w)	
96-45-7	Ethyleneethiourea	3	Sup 7, 79	2001	2000		0.1% by weight (w/w)	NB Overall evaluation downgraded to Group 3 with supporting evidence from other relevant data
96-48-0	gamma-Butyrolactone	3	11, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
97-53-0	Eugenol	3	36, Sup 7	1987	1987		0.1% by weight (w/w)	
97-54-1	Isosensol	2B	134	2024 online	2023		0.1% by weight (w/w)	
97-56-3	ortho-Aminoazotoluene	2B	8, Sup 7	1987	1987		0.1% by weight (w/w)	
97-77-8	Disulfiram	3	17, Sup 7	1987	1987		0.1% by weight (w/w)	
97-88-1	Bis(1-methylacrylate)	2B	133	2024 online	2023		0.1% by weight (w/w)	
98-00-0	Furfuryl alcohol	2B	119	2019	2017		0.1% by weight (w/w)	
98-01-1	Furfural	3	63	1995	1995		0.1% by weight (w/w)	
98-56-6	4-Chlorobenzothiazolone	2B	126	2020 online	2019		0.1% by weight (w/w)	
98-82-8	Cumene	2B	101	2013	2011		0.1% by weight (w/w)	
98-83-9	alpha-Methylstyrene	2B	101	2013	2011		0.1% by weight (w/w)	
98-87-3, 98-07-7, 100-44-7, 88-84-4	alpha-Chlorinated toluenes (benzyl chloride, benzotrithiolene, benzyl chloride) and benzoyl chloride (combined exposures)	2A	29, Sup 7, 71	1999	1998		0.1% by weight (w/w)	
98-95-3	Nitrobenzene	2B	65	1996	1995		0.1% by weight (w/w)	
989-38-8	Rhodamine 6G	3	16, Sup 7	1987	1987		0.1% by weight (w/w)	
99-08-1, 99-99-0	Nitroethanes	3	65	1996	1995		0.1% by weight (w/w)	
99-55-8	5-Nitro-ortho-toluidine	3	48	1990	1989		0.1% by weight (w/w)	
99-56-9	1,2-Diamino-4-nitrobenzene	3	16, Sup 7	1987	1987		0.1% by weight (w/w)	
99-57-0	4-Amino-4-nitrophenol	3	33	1993	1992		0.1% by weight (w/w)	
99-59-2	5-Nitro-ortho-aminodiphenyl ether	3	27, Sup 7	1987	1987		0.1% by weight (w/w)	
99-80-9	N-Methyl-N,4-dinitroaniline	3	1, Sup 7	1987	1987		0.1% by weight (w/w)	
99-97-8	N,N-Dimethyl-o-toluidine	2B	115	2018	2016		0.1% by weight (w/w)	

Source: A-RMS-05-03-103

Date of Last Update to List:

11/27/2022

空氣污染突發事故緊急應變措施計畫及警告通知作業辦法」管制物質substances for air pollution emergency response rule

#	CAS No.	中文名稱	Chemical	Limit	notes from REC Silicon
1	64/7783	硫化氫	Hydrogen sulfide	0.1% by weight (w/w)	
2	74-93-1	甲硫醇	Methyl mercaptan	0.1% by weight (w/w)	
3	75-08-1	乙硫醇	Ethyl mercaptan	0.1% by weight (w/w)	
4	74-89-5	甲胺	Methylamine	0.1% by weight (w/w)	
5	463-58-1	羰基硫化物 硫化氫	Carbonyl sulfide	0.1% by weight (w/w)	
6	7647-01-0	鹽酸 氯化氫	Hydrogen chloride	0.1% by weight (w/w)	REC Products may contain over the limit of this item
7	140-88-5	丙烯酸乙酯	Ethyl acrylate	0.1% by weight (w/w)	
8	95/7446	二氧化硫	Sulfur dioxide	0.1% by weight (w/w)	
9	106-88-7	1,2-環氧丁烷	1,2-Butylene oxide	0.1% by weight (w/w)	
10	123-86-4	乙酸丁酯	Butyl acetate	0.1% by weight (w/w)	
11	115-10-6	二甲醚	Dimethyl ether	0.1% by weight (w/w)	
12	7664-39-3	氫氟酸	Hydrogen fluoride	0.1% by weight (w/w)	
13	98-83-9	α-甲基苯乙烯	α-Methyl styrene	0.1% by weight (w/w)	
14	107-05-1	氯丙烷	Allyl chloride	0.1% by weight (w/w)	
15	80-62-6	甲基丙烯酸甲酯	Methyl methacrylate	0.1% by weight (w/w)	
16	123-73-9	反巴豆醛	Crotonaldehyde	0.1% by weight (w/w)	
17	71-36-3	丁醇	1-Butanol	0.1% by weight (w/w)	
18	108-88-3	甲苯	Toluene	0.1% by weight (w/w)	
19	141-78-6	乙酸乙酯	Ethyl acetate	0.1% by weight (w/w)	
20	74-83-9	甲基溴	Methyl bromide	0.1% by weight (w/w)	
21	57-14-7	1,1-二甲基肼	1,1-Dimethylhydrazine	0.1% by weight (w/w)	
22	75-56-9	環氧丙烷	Propylene oxide	0.1% by weight (w/w)	
23	107-31-3	甲酸甲酯	Methyl formate	0.1% by weight (w/w)	
24	630-08-0	一氧化碳	Carbon monoxide	0.1% by weight (w/w)	
25	75-18-3	二甲硫	Dimethyl sulfide	0.1% by weight (w/w)	
26	7550-45-0	四氯化鈦	Titanium tetrachloride	0.1% by weight (w/w)	
27	78-79-5	異戊二烯	Isoprene	0.1% by weight (w/w)	
28	7664-41-7	氨	Ammonia	0.1% by weight (w/w)	
29	96-33-3	丙烯酸甲酯	Methyl acrylate	0.1% by weight (w/w)	
「固定污染源空氣污染防制費收費費率」管制物質substances for air pollution control fee					
#	CAS No.	中文名稱	Chemical	Limit	
1	108-88-3	甲苯	Toluene	0.1% by weight (w/w)	
2	1330-20-7;	二甲苯	m/p-Xylene	0.1% by weight (w/w)	
	95-47-6;			0.1% by weight (w/w)	
	108-38-3;			0.1% by weight (w/w)	
	106-42-3			0.1% by weight (w/w)	
3	71-43-2	苯	Benzene	0.1% by weight (w/w)	
4	100-41-4	乙苯	Ethylbenzene	0.1% by weight (w/w)	
5	100-42-5	苯乙烯	Phenylethene; Styrene	0.1% by weight (w/w)	
6	75-09-2	二氯甲烷	Dichloromethane	0.1% by weight (w/w)	
7	75-34-3	1,1-二氯乙烷	1,1-Dichloroethane	0.1% by weight (w/w)	
8	107-06-2	1,2-二氯乙烷	1,2-Dichloroethane	0.1% by weight (w/w)	
9	67-66-3	三氯甲烷	Trichloromethane	0.1% by weight (w/w)	
10	71-55-6	1,1,1-三氯乙烷	1,1,1-trichloroethane	0.1% by weight (w/w)	
11	56-23-5	四氯化碳	Tetrachloromethane	0.1% by weight (w/w)	
12	79-01-6	三氯乙烯	Trichloroethylene	0.1% by weight (w/w)	
13	127-18-4	四氯乙烯	Tetrachloroethylene	0.1% by weight (w/w)	

CHINA MINISTRY OF LABOR Notice is hereby given, for the stipulation to revise the list of designated chemicals regulated by Article 2 of "Regulations Governing Designating and Handling of Priority Management Chemicals" (stipulation shall become effective from 1st, April 2022)

Source: <https://gazette.nat.gov.tw/egFront/detail.do?metaid=130052&log=detailLog>

Date of Last Update to List: 11/27/2022

附件 1 優先管理化學品之指定及運作管理辦法第 2 條第 2 款指定之化學品

Annex 1 Priority Management of Chemicals Designated and Operational Management Procedures for Chemicals specified in Paragraph 2 of Article 2

序號	CAS No.	English Name	中文名稱	備註	Limit	notes from REC
1	56-55-3	1,2-Benzanthracene	1,2-苯并蒽	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
2	107-06-2	1,2-Dichloroethane	1,2-二氯乙烷	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
3	75-56-9	1,2-Epoxypropane	1,2-環氧丙烷	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
4	96-23-1	1,3-Dichloropropanol-2	1,3-二氯-2-丙醇	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
5	106-94-5	1-Bromopropane	1-溴丙烷	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
6	556-52-5	2,3-Epoxypropanol	2,3-環氧丙醇	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
7	3033-77-0	2,3-Epoxypropyltrimethylammonium chloride	氯化 2,3-環氧丙基三甲基銨	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
8	75-26-3	2-Bromopropane	2-溴丙烷	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
9	70657-70-4	2-Methoxy-1-propyl acetate	乙酸 2-甲氧基-1-丙酯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
10	101-14-4	3,3-Dichloro-4,4-diaminodiphenylmethane	3,3-二氯-4,4-二胺基苯化甲烷	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
11	96-24-2	3-Chloro-1,2-propanediol	3-氯-1,2-丙二醇	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
12	101-80-4	4,4'-Oxydianiline	4,4'-氧二苯胺	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
13	497-76-7	4-Hydroxyphenyl-beta-D-glucopyranoside	對苯二酚-beta-D-葡萄糖苷	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
14	17804-35-2	Benomyl	苯菌靈	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
15	117-61-3	Benzidine-2,2'-disulfonic acid	2,2'-聯苯胺二磺酸	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
16	1303-86-2	Boric oxide	氧化硼	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
17	12007-56-6	Boron calcium oxide	硼鈣氧化物	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
18	10605-21-7	Carbendazim	貝芬替	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
19	8007-45-2	Coal tar	煤焦油	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
20	10124-43-3	Cobalt sulfate	硫酸鈷	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
21	111-96-6	Diethyleneglycol dimethyl ether	二乙二醇二甲醚	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
22	127-19-5	Dimethyl acetamide	二甲基乙醯胺	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
23	756-79-6	Dimethyl methylphosphonate	甲基磷酸二甲酯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
24	51-79-6	Ethyl carbamate	胺甲酸乙酯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
25	62-50-0	Ethyl methanesulfonate	甲磺酸乙酯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
26	110-71-4	Ethylene glycol dimethyl ether	乙二醇二甲醚	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
27	111-15-9	Ethylene glycol monoethyl ether acetate	乙二醇乙醯酸酯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
28	110-49-6	Ethylene glycol monomethyl ether acetate	乙二醇甲醯酸酯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
29	96-45-7	Ethylene thiourea	仲乙硫脲	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
30	93-15-2	Methyl eugenol	甲基丁香酚	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
31	13927-77-0	Nickel bis(dibutyldithiocarbamate)	雙(二丁基二硫胺甲酸)鎳	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
32	79-16-3	N-Methylacetamide	N-甲基乙醯胺	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
33	123-39-7	N-Methylformamide	N-甲基甲醯胺	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
34	872-50-4	N-Methylpyrrolidinone	N-甲基吡咯烷酮	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
35	15305-07-4	N-Nitroso-N-phenylhydroxylamine aluminum salt	N-亞硝基-N-苯基脲銨鹽	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
36	58-36-6	Oxybisphenoxarsine	氧雙【口罈】砷	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
37	68511-62-6	Pigment Yellow 150	顏料黃 150	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
38	12045-78-2	Potassium tetraborate tetrahydrate	四硼酸鉀四水合物	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
39	11103-86-9	Potassium zinc chromate hydroxide	氫氧化鉻鉍鉀	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
40	14464-46-1	Silica crystalline	晶性矽	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
41	1330-43-4	Sodium tetraborate	四硼酸鈉	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
42	112-49-2	Triethylene glycol dimethyl ether	三甘醇二甲醚	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
43	66-81-9	Actidione	放線菌酮	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
44	446-86-6	Azathioprine	氮硫唑嘧啶	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
45	992-59-6	Benzopurpurine 4B	苯紅紫 4B	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
46	10043-35-3	Boric acid	硼酸	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
47	106-99-0	1,3-Butadiene	1,3-丁二烯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	

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Source: <https://gazette.nat.gov.tw/egFront/detail.do?metaid=130052&log=detailLog>

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附件 1 優先管理化學品之指定及運作管理辦法第 2 條第 2 款指定之化學品						
Annex 1 Priority Management of Chemicals Designated and Operational Management Procedures for Chemicals specified in Paragraph 2 of Article 2						
48	12219-02-2	C.I. Acid Black 132	C.I.酸性黑 132	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
49	12217-14-0	C.I. Acid Black 29	C.I.酸性黑 29	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
50	12220-27-8	C.I. Acid Red 279	C.I.酸性紅 279	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
51	5858-39-9	C.I. Acid Red 4	C.I.酸性紅 4	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
52	2610-05-1	C.I. Direct Blue 1	C.I.直接藍 1	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
53	4198-19-0	C.I. Direct Blue 10	C.I.直接藍 10	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
54	16071-86-6	C.I. Direct Brown 95	C.I.直接棕 95	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
55	3564-27-0	C.I. Mordant Orange 6	C.I.染料橙 6	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
56	58339-34-7	C.I. Pigment Red 108	C.I.顏料紅 108	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
57	37300-23-5	C.I. Pigment Yellow 36	C.I.顏料黃 36	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
58	627-42-9	2-Chloroethyl methyl ether	2-氯乙基甲基醚	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
59	12126-59-9	Conjugated estrogens	共軛雌激素	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
60	838-88-0	4,4'-Diamino-3,3'-dimethyldiphenylmethane	4,4'-二胺基-3,3'-二甲基二苯甲烷	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
61	1476-11-5	cis-1,4-Dichloro-2-butene	順-1,4-二氯-2-丁烯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
62	2050-68-2	4,4'-Dichlorobiphenyl	4,4'-二氯聯苯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
63	12007-60-2	Dilithium tetraborate	四硼酸二鋰	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
64	2602-46-2	Direct blue 6	直接藍 6	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
65	4335-09-5	Disodium 4-amino-5-hydroxy-6-[[4'-(4-hydroxyphenyl)azo][1,1'-biphenyl]-4-yl]azo]-3-[(4-nitrophenyl)azo]naphthalene-2,7-disulfonate	4-胺基-5-羥基-6-[[4'-(4-羥苯基)偶氮][1,1'-聯苯]-4-基]偶氮]-3-[(4-硝基苯基)偶氮]萘-2,7-二磺酸二鈉	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
66	12008-41-2	Disodium octaborate	八硼酸二鈉	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
67	12280-03-4	Disodium octaborate tetrahydrate	八硼酸二鈉四水合物	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
68	6106-24-7	Disodium tartrate dihydrate	二水合酒石酸二鈉	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
69	3388-04-3	2-(3,4-Epoxy-cyclohexyl)ethyltrimethoxysilane	2-(3,4-環氧環己基)乙基三甲氧矽烷	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
70	629-14-1	Ethylene glycol diethyl ether	乙二醇二乙醚	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
71	68603-83-8	Fatty acids, C6-19-branched, lead salts, basic	鹼性 C6-19 支鏈脂肪酸鉛鹽	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
72	85509-19-9	Flusilazole	護砂得	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
73	128794-94-5	4-Hexenoic acid, 6-(1,3-dihydro-4-hydroxy-6-methoxy-7-methyl-3-oxo-5-isobenzofuran-4-yl)-2-(4-morpholinyl)ethyl ester, (4E)-	(4E)-6-(1,3-二氫-4-羥基-6-甲氧基-7-甲基-3-側氧基-5-異苯并呋喃基)-4-甲基-4-己烯酸-2-(4-嗎福林基)乙酯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
74	68411-78-9	Lead oxide (PbO), lead-contg.	氧化鉛	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
75	91671-83-9	Lead(2+) isoocanoate, basic	鹼性異辛酸鉛鹽(II)	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
76	330-55-2	Linuron	理有龍	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
77	10377-51-2	Lithium iodide	碘化鋰	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
78	82640-04-8	Methanone, [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-piperidinyl)ethoxy]phenyl]-, hydrochloride (1:1)	[6-羥基-2-(4-羥基苯基)苯[b]噻吩-3-基][4-[2-(1-哌啶基)乙氧基]苯基]甲醯醯酸鹽(1:1)	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
79	24280-93-1	Mycophenolic acid	黴酚酸	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
80	83968-31-4	9-Octadecenoic acid (Z)-, compds. with oxidized N,N-dimethylbenzenamine- formaldehyde-N-methylbenzenamine reaction products	(Z)-9-十八烯酸與氧化 N,N-二甲基苯胺-甲醛-N-甲基苯胺反應產物的化合物	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
81	13840-56-7	Orthoboric acid, sodium salt	硼酸鈉鹽	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
82	13709-94-9	Potassium metaborate	偏硼酸鉀	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
83	34183-22-7	Propafenone hydrochloride	鹽酸普羅帕酮	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
84	119738-06-6	Quizalofop-p-terfuryl	扶伏草	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
85	11130-12-4	Sodium borate pentahydrate	五水合硼酸鈉	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
86	1303-96-4	Sodium tetraborate, decahydrate	四硼酸鈉十水合物	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
87	12179-04-3	Sodium tetraborate, pentahydrate	四硼酸鈉五水合物	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
88	632-22-4	Tetramethylurea	四甲基脲	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
89	76-25-5	Triamcinolone acetonide	丙酮特安皮質醇	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
90	24602-86-6	Tridemorph	三得芬	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	
91	738-70-5	Trimethoprim	曲美普林	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight	

CHINA MINISTRY OF LABOR Notice is hereby given, for the stipulation to revise the list of designated chemicals regulated by Article 2 of "Regulations Governing Designating and Handling of Priority Management Chemicals" (stipulation shall become effective from 1st, April 2022)

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附件 1 優先管理化學品之指定及運作管理辦法第 2 條第 2 款指定之化學品

Annex 1 Priority Management of Chemicals Designated and Operational Management Procedures for Chemicals specified in Paragraph 2 of Article 2

92	512-56-1	Trimethyl phosphate	磷酸三甲酯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
93	140-08-9	Tris(2-chloroethyl) phosphite	亞磷酸三(2-氯乙基)酯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
94	50471-44-8	Vinclozolin	免克寧	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
95	149-30-4	2-Mercaptobenzothiazole	2-巰硫基苯并噻唑	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
96	75-09-2	Dichloromethane	二氯甲烷	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
97	78-79-5	Isoprene	異戊二烯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
98	8032-32-4	Petroleum benzene	輕油精	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
99	8030-30-6	Petroleum naphtha	石油精	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
100	100-42-5	Styrene	苯乙烯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
101	137-26-8	Thiram	得思地	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
102	3121-61-7	Methoxyethyl acrylate	丙烯酸甲氧基乙酯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
103	122-60-1	Phenyl glycidyl ether	苯基縮水甘油醚	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
104	77-09-8	Phenolphthalein	酚酞	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
105	51481-61-9	Cimetidine	西咪替汀	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
106	7646-79-9	Cobalt chloride	氯化鈷	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
107	10026-22-9	Cobalt nitrate hexahydrate	硝酸鈷六水合物	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
108	513-79-1	Cobalt(II) carbonate	碳酸鈷(II)	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
109	10141-05-6	Cobalt nitrate	硝酸鈷	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
110	1405-10-3	Neomycin sulfate	硫酸新絲菌素	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
111	13463-39-3	Nickel carbonyl	四羰化鎳	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
112	71-48-7	Cobalt acetate	乙酸鈷	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
113	7789-43-7	Cobalt bromide	溴化鈷	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
114	60459-08-7	Cobalt(II) sulfate hydrate	水合硫酸鈷(II)	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
115	111-41-1	Aminoethyl ethanolamine	胺乙基乙醇胺	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
116	111-40-0	Diethylene triamine	二次乙基三胺	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
117	624-83-9	Methyl isocyanate	異氰酸甲酯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
118	7791-13-1	Cobalt(II) chloride hexahydrate	氯化鈷(II)六水合物	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
119	13138-45-9	Nickel nitrate	硝酸鎳	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
120	13478-00-7	Nickel(II) nitrate hexahydrate	硝酸鎳(II)六水合物	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
121	6147-53-1	Cobalt(II) acetate tetrahydrate	乙酸鈷(II)四水合物	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
122	7718-54-9	Nickel chloride	氯化鎳	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
123	7786-81-4	Nickel sulfate	硫酸鎳	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
124	7791-20-0	Nickel(II) chloride hexahydrate	氯化鎳(II)六水合物	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
125	13770-89-3	Nickel(II) sulfamate	胺磺酸鎳(II)	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
126	373-02-4	Nickel(II) acetate	乙酸鎳(II)	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
127	15699-18-0	Nickel(II) ammonium sulfate	硫酸鎳(II)銨	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
128	13462-88-9	Nickel(II) bromide	溴化鎳(II)	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
129	3333-67-3	Nickel(II) carbonate	碳酸鎳(II)	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
130	6018-89-9	Nickel acetate tetrahydrate	四水合醋酸鎳	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
131	12607-70-4	Nickel carbonate hydroxide	鹼式碳酸鎳	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
132	10028-18-9	Nickel difluoride	二氟化鎳	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
133	3349-06-2	Nickel diformate	甲酸鎳(II)	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
134	12054-48-7	Nickel(II) hydroxide	氫氧化鎳	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
135	14220-17-8	Potassium tetracyanonickelate(II)	氰化鎳(II)鉀	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
136	4454-16-4	Nickel bis(2-ethylhexanoate)	雙(2-乙基己酸)鎳	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
137	50-00-0	Formaldehyde	甲醛	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
138	20039-37-6	Pyridinium dichromate	鉻酸吡啶鹽	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
139	2451-62-9	Triglycidyl isocyanurate	與三聚氰酸三縮水甘油酯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight

CHINA MINISTRY OF LABOR Notice is hereby given, for the stipulation to revise the list of designated chemicals regulated by Article 2 of "Regulations Governing Designating and Handling of Priority Management Chemicals" (stipulation shall become effective from 1st, April 2022)

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附件 1 優先管理化學品之指定及運作管理辦法第 2 條第 2 款指定之化學品

Annex 1 Priority Management of Chemicals Designated and Operational Management Procedures for Chemicals specified in Paragraph 2 of Article 2

140	68391-11-7	Alkylpyridine	烷基吡啶	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
141	13360-57-1	Dimethylsulphamoyl chloride	二甲基胺磺酰基氯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
142	143860-04-2	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	3-乙基-2-甲基-2-(3-甲基丁基)-1,3-【口罌】咪啉	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
143	625-45-6	Methoxyacetic acid	甲氧基乙酸	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
144	99-66-1	2-Propylvaleric acid	2-丙基戊酸	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
145	10486-00-7	Sodium perborate tetrahydrate	過硼酸鈉四水合物	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
146	109-72-8	Butyllithium	丁基鋰	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
147	16940-66-2	Sodium borohydride	硼氫化鈉	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
148	106-91-2	Glycidyl methacrylate	甲基丙烯酸縮水甘油酯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
149	10294-34-5	Boron trichloride	三氯化硼	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
150	5625-90-1	N,N'-Methylenebismorpholine	N,N'-亞甲基雙【口末】啉	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
151	616-45-5	2-Pyrrolidone	2-吡咯啉酮	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
152	7378-99-6	N,N-Dimethyloctan-1-amine	N,N-二甲基-1-辛胺	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
153	13762-51-1	Potassium borohydride	硼氫化鉀	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
154	1589-47-5	2-Methoxy-1-propanol	2-甲氧基-1-丙醇	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
155	135-20-6	Cupferron	銅鐵靈	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
156	77-78-1	Dimethyl sulfate	硫酸二甲酯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
157	55566-30-8	Tetrakis(hydroxymethyl)phosphonium sulfate	肆羥四甲基磷鎂硫酸鹽	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
158	13464-80-7	Dihydrazinium sulfate	硫酸二肼	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
159	67939-65-5	N-(4-{Bis[4-(dimethylamino)phenyl]methylene}cyclohexa-2,5-dien-1-ylidene)-N-methylmethanaminium acetate	N-[4-[[二(4-二甲胺基)苯基]亞甲基]-2,5-環己二烯-1-亞基]-N-甲基甲銜乙酸鹽	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
160	112-00-5	Dodecyltrimethylammonium chloride	氯化十二烷基三甲基銜	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
161	116-14-3	Tetrafluoroethylene	四氟乙烯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
162	108-91-8	Cyclohexylamine	環己胺	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
163	302-17-0	Chloral hydrate	水合氯醛	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
164	10217-52-4	Hydrazine, hydrate	聯胺水合物	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
165	1067-33-0	Dibutyltin diacetate	二乙酸二丁錫	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
166	78-04-6	Dibutyltin maleate	順丁烯二酸二丁錫	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
167	683-18-1	Dibutyltin dichloride	二氯化二丁錫	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
168	107-13-1	Acrylonitrile	丙烯腈	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
169	1309-64-4	Antimony trioxide	三氧化二銻	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
170	71-43-2	Benzene	苯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
171	630-08-0	Carbon monoxide	一氧化碳	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
172	56-75-7	Chloramphenicol	氯黴素	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
173	77-58-7	Dibutyltin dilaurate	二月桂酸二丁錫	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
174	110-80-5	Ethylene glycol monoethyl ether	乙二醇乙醚	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
175	109-86-4	Ethylene glycol Monomethyl ether	乙二醇甲醚	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
176	68-12-2	N,N-Dimethylformamide	二甲基甲醯胺	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
177	127-18-4	Tetrachloroethylene	四氯乙烯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
178	75-01-4	Vinyl chloride	氯乙烯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
179	11113-75-0	Nickel sulfide	硫化鎳	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
180	14177-55-0	Nickel(II) molybdate	鉬酸鎳(II)	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
181	2795-39-3	Potassium heptadecafluorooctane-1-sulfonate	十七氟-1-辛磺酸鉀	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
182	1069-66-5	Sodium valproate	丙戊酸鈉	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
183	1332-21-4	Asbestos	石棉	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
184	7440-43-9	Cadmium and its compounds	鎘及其化合物	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
185	98-73-7	p-tert-Butylbenzoic acid	對三級丁基苯甲酸	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight
186	25155-23-1	Trixylyl phosphate	磷酸三(二甲苯)基酯	致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級	1% by Weight

CHINA MINISTRY OF LABOR Notice is hereby given, for the stipulation to revise the list of designated chemicals regulated by Article 2 of "Regulations Governing Designating and Handling of Priority Management Chemicals" (stipulation shall become effective from 1st, April 2022)

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附件 1 優先管理化學品之指定及運作管理辦法第 2 條第 2 款指定之化學品

Annex 1 Priority Management of Chemicals Designated and Operational Management Procedures for Chemicals specified in Paragraph 2 of Article 2

187	150-39-0	N-(2-Hydroxyethyl)ethylenedinitrotriacetic acid	N-(2-羥乙基)乙二氮基-N,N,N'-三乙酸	1% by Weight
188	501-30-4	5-Hydroxy-2-hydroxymethyl-4-pyrone	5-羥基-2-羥甲基-4-吡喃【口弄】	1% by Weight
189	79-34-5	1,1,2,2-Tetrachloroethane	1,1,2,2-四氯乙烷	1% by Weight
190	688-84-6	2-Ethyl-1-hexyl methacrylate	甲基丙烯酸 2-乙基-1-己基酯	1% by Weight
191	149-57-5	2-Ethylhexoic acid	2-乙基己酸	1% by Weight
192	627-44-1	Alkyl mercury compounds	烷基汞化合物 (烷基以甲基或乙基為限)	1% by Weight
193	107-05-1	Allyl chloride	氯丙烯	1% by Weight
194	2465-27-2	Auramine	奧黃	1% by Weight
195	25013-16-5	Butylated hydroxyanisole	丁基化羥苯基甲基醚	1% by Weight
196	1345-16-0	C.I. pigment blue 28	C.I.顏料藍 28	1% by Weight
197	63449-39-8	Chlorinated paraffin	氯化石蠟	1% by Weight
198	111-77-3	Diethylene glycol monomethyl ether	二甘醇單甲醚	1% by Weight
199	121-14-2	Dinitrotoluene	二硝基甲苯	1% by Weight
200	75980-60-8	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	二苯基(2,4,6-三甲基苯甲醯基)膦氧化物	1% by Weight
201	140-88-5	Ethyl acrylate	丙烯酸乙酯	1% by Weight
202	111-76-2	Ethylene glycol monobutyl ether	乙二醇丁醚	1% by Weight
203	98-00-0	Furfuryl alcohol	2-呋喃醇	1% by Weight
204	107-22-2	Glyoxal	乙二醛	1% by Weight
205	108-80-5	Isocyanuric acid	異三聚氰酸	1% by Weight
206	632-99-5	Magenta	苯胺紅	1% by Weight
207	74-83-9	Methyl bromide	溴甲烷	1% by Weight
208	74-88-4	Methyl iodide	碘甲烷	1% by Weight
209	91-20-3	Naphthalene	萘	1% by Weight
210	110-54-3	n-Hexane	正己烷	1% by Weight
211	54-11-5	Nicotine	菸鹼	1% by Weight
212	75-52-5	Nitromethane	硝基甲烷	1% by Weight
213	556-67-2	Octamethylcyclotetrasiloxane	八甲基環四矽氧烷	1% by Weight
214	120-80-9	o-Dihydroxybenzene	鄰苯二酚	1% by Weight
215	88-73-3	o-Nitrochlorobenzene	鄰氯硝基苯	1% by Weight
216	106-46-7	p-Dichlorobenzene	對二氯苯	1% by Weight
217	60-11-7	p-Dimethylaminoazobenzene	對二甲胺基偶氮苯	1% by Weight
218	100-00-5	p-Nitrochlorobenzene	對-硝基氯苯	1% by Weight
219	3926-62-3	Sodium chloroacetate	氯乙酸鈉	1% by Weight
220	100-21-0	Terephthalic acid	對苯二甲酸	1% by Weight
221	109-99-9	Tetrahydrofuran	四氫呋喃	1% by Weight
222	108-88-3	Toluene	甲苯	1% by Weight
223	67-66-3	Trichloromethane	三氯甲烷	1% by Weight
224	5064-31-3	Trisodium nitrilotriacetate	氮基三乙酸三鈉鹽	1% by Weight
225	57-57-8	β-Propiolactone	β-丙內酯	1% by Weight
226	95-51-2	2-Chloroaniline	2-氯苯胺	1% by Weight
227	103-90-2	p-Acetamidophenol	對乙醯胺基苯酚	1% by Weight
228	15972-60-8	Alachlor	拉草	1% by Weight
229	1758-73-2	Aminoiminomethanesulfonic acid	胺基亞胺基甲亞磺酸	1% by Weight
230	119-61-9	Benzophenone	二苯基酮	1% by Weight
231	16432-81-8	2-(4-Benzoyl-3-hydroxyphenoxy)ethyl acrylate	丙烯酸 2-(4-苯甲醯-3-羥苯氧基)乙酯	1% by Weight
232	103-23-1	Bis(2-ethylhexyl) adipate	己二酸雙(2-乙基己基)酯	1% by Weight
233	13676-54-5	4,4'-Bis(maleimidophenyl)methane	4,4'-雙(順丁烯二醯胺基)甲烷	1% by Weight
234	2475-44-7	C.I. Disperse Blue 14	C.I.分散藍 14	1% by Weight
235	6408-72-6	C.I. Disperse violet 26	C.I.分散紫 26	1% by Weight
236	3327-22-8	(3-Chloro-2-hydroxypropyl)trimethylammonium chloride	氯化 3-氯-2-羥丙基三甲基銨	1% by Weight
237	68457-13-6	Cobalt borate neodecanoate	硼酸新癸酸鈷	1% by Weight
238	1333-88-6	Dialuminium cobalt tetraoxide	鋁酸鈷	1% by Weight
239	818-08-6	Dibutyltin oxide	氧化二丁錫	1% by Weight
240	36734-19-7	3-(3,5-Dichlorophenyl)-2,4-dioxo-N-isopropylimidazolidine-1-carboxamide	貝芬同	1% by Weight
241	92-88-6	4,4'-Dihydroxydiphenyl	4,4'-二羥基聯苯	1% by Weight
242	868-85-9	Dimethyl phosphonate	磷酸二甲酯	1% by Weight
243	99-97-8	N,N-Dimethyl-p-toluidine	N,N-二甲基對甲苯胺	1% by Weight
244	110-05-4	Di-tert-butyl peroxide	過氧化二(三級丁基)	1% by Weight
245	26761-45-5	2,3-Epoxypropyl neodecanoate	新癸酸 2,3-環氧丙酯	1% by Weight
246	7328-17-8	Ethoxyethoxyethyl acrylate	丙烯酸乙氧基乙氧基乙酯	1% by Weight
247	2224-15-9	Ethylene glycol diglycidyl ether	乙二醇二環氧丙基醚	1% by Weight
248	98-01-1	Furfural	呋喃醛	1% by Weight
249	55919-77-2	3-Hydroxy-2,2-bis(hydroxymethyl)propyl acrylate	丙烯酸 3-羥基-2,2-雙(羥基甲基)丙酯	1% by Weight
250	92-70-6	3-Hydroxy-2-naphthoic acid	3-羥基-2-萘甲酸	1% by Weight
251	142-73-4	Iminodiacetic acid	亞胺基二乙酸	1% by Weight
252	7447-41-8	Lithium chloride	氯化鋰	1% by Weight
253	88-19-7	2-Methylbenzenesulfonamide	2-甲苯磺醯胺	1% by Weight
254	119-47-1	2,2'-Methylenedis(4-methyl-6-tert-butylphenol)	2,2'-亞甲基雙(4-甲基-6-三級丁基苯酚)	1% by Weight
255	88-74-4	2-Nitroaniline	2-硝基苯胺	1% by Weight
256	2646-15-3	Oil blue N	油藍 N	1% by Weight
257	80-51-3	4,4'-Oxydi(benzenesulfonohydrazide)	4,4'-氧雙(苯磺醯肼)	1% by Weight
258	2657-87-6	3,4'-Oxydianiline	3,4'-氧二苯胺	1% by Weight
259	57-33-0	Pentobarbital sodium	戊巴比妥鈉	1% by Weight

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附件 1 優先管理化學品之指定及運作管理辦法第 3 條第 3 款指定之化學品				
Annex 1 Priority Management of Chemicals Designated and Operational Management Procedures for Chemicals specified in Paragraph 2 of Article 2				
260	534-85-0	N-Phenyl-1,2-phenylenediamine	N-苯基-1,2-苯二胺	1% by Weight
261	135-88-6	N-Phenyl-beta-naphthylamine	N-苯基-β-萘胺	1% by Weight
262	108-45-2	m-Phenylenediamine	間位苯二胺	1% by Weight
263	95-54-5	o-Phenylenediamine	鄰位苯二胺	1% by Weight
264	134-03-2	Sodium ascorbate	抗壞血酸鈉	1% by Weight
265	7789-38-0	Sodium bromate	溴酸鈉	1% by Weight
266	110-61-2	Succinonitrile	丁二腈	1% by Weight
267	630-20-6	1,1,1,2-Tetrachloroethane	1,1,1,2-四氯乙烷	1% by Weight
268	28768-32-3	N,N,N',N'-Tetrakis(oxiran-2-ylmethyl)-4,4'-methylenedianiline	N,N,N',N'-肆環氧丙基-4,4'-亞甲基二苯胺	1% by Weight
269	75-74-1	Tetramethyl lead	四甲基鉛	1% by Weight
270	85954-11-6	2,2'-(3,3',5,5'-Tetramethyl-(1,1'-biphenyl)-4,4'-diyl)-bis(oxyethylene)-bis-oxirane	2,2'-(3,3',5,5'-四甲基(1,1'-聯苯)-4,4'-二基)雙(氧亞甲基)雙環氧乙烷	1% by Weight
271	7328-97-4	Tetraphenylethane-epichlorohydrin resin	四酚乙烷-環氧氯丙烷樹脂	1% by Weight
272	23564-05-8	Thiophanate-methyl	甲基硫菌靈	1% by Weight
273	1576-35-8	p-Toluenesulfonyl hydrazide	對甲苯磺醯肼	1% by Weight
274	87-66-1	1,2,3-Trihydroxybenzene	1,2,3-三羥基苯	1% by Weight
275	471-01-2	3,5,5-Trimethylcyclohex-3-en-1-one	3,5,5-三甲基環己-3-烯-1-酮	1% by Weight
276	13674-87-8	Tris[2-chloro-1-(chloromethyl)ethyl] phosphate	磷酸參[2-氯-1-(氯甲基)乙基]酯	1% by Weight
277	87-59-2	2,3-Xylidine	2,3-二甲苯胺	1% by Weight
278	1300-73-8	Xylidine	二甲苯胺	1% by Weight
279	1058-92-0	C.I. Mordant Blue 13	C.I. 染料藍 13	1% by Weight
280	6598-63-6	C.I. Direct Orange 102	C.I. 直接橙 102	1% by Weight
281	389-08-2	Nalidixic acid	萘利啶酸	1% by Weight
282	7440-48-4	Cobalt	鈷	1% by Weight
283	1307-96-6	Cobalt oxide	氧化鈷	1% by Weight
284	101-68-8	Methylene bisphenyl isocyanate	4,4'-二異氰酸二甲苯烷	1% by Weight
285	7440-02-0	Nickel	鎳	1% by Weight
286	123-30-8	p-Aminophenol	對胺基酚	1% by Weight
287	584-84-9	Toluene 2,4-diisocyanate	2,4-二異氰酸甲苯	1% by Weight
288	91-08-7	Toluene-2,6-diisocyanate	甲苯-2,6-二異氰酸酯	1% by Weight
289	7440-47-3	Chromium	鉻	1% by Weight
290	5873-54-1	1-Isocyanato-2-(4-isocyanatobenzyl)benzene	1-異氰酸基-2-(4-異氰酸基苯基)苯	1% by Weight
291	2536-05-2	1,1'-Methylenebis(2-isocyanatobenzene)	1,1'-亞甲基雙(2-異氰酸基苯)	1% by Weight
292	110-85-0	Piperazine	哌【口井】	1% by Weight
293	477-73-6	Basic Red 2	鹼性紅 2	1% by Weight
294	693-98-1	2-Methylimidazole	2-甲基咪唑	1% by Weight
295	98-54-4	4-tert-Butylphenol	4-三級丁酚	1% by Weight
296	7446-70-0	Aluminium chloride, anhydrous	無水氯化鋁	1% by Weight
297	7447-39-4	Copper(II) chloride	氯化銅(II)	1% by Weight
298	123-31-9	Hydroquinone	苯二酚	1% by Weight
299	79-14-1	Hydroxyacetic acid	羥基乙酸	1% by Weight
300	6153-56-6	Oxalic acid dihydrate	草酸二水合物	1% by Weight
301	7632-04-4	Sodium perborate	過硼酸鈉	1% by Weight
302	75-91-2	tert-Butyl hydroperoxide	過氧化三級丁醇	1% by Weight
303	13473-90-0	Aluminum nitrate	硝酸鋁	1% by Weight
304	68155-06-6	Amides, C12-18, N,N-bis(hydroxyethyl)	N,N-雙(羥乙基)C12-18 醯胺	1% by Weight
305	32718-18-6	1-Bromo-3-chloro-5,5-dimethylimidazolidine-2,4-dione	溴氯-5,5-二甲基咪唑啶-2,4-二酮	1% by Weight
306	57018-52-7	1-tert-Butoxypropan-2-ol	1-三級丁氧基-2-丙醇	1% by Weight
307	7397-62-8	Butyl glycolate	羥乙酸丁酯	1% by Weight
308	56-18-8	3,3'-Diaminodipropylamine	3,3'-二胺基二丙基胺	1% by Weight
309	78-88-6	2,3-Dichloropropene	2,3-二氯丙烯	1% by Weight
310	136434-34-9	Duloxetine hydrochloride	杜洛西丁鹽酸鹽	1% by Weight
311	288-32-4	Imidazole	咪唑	1% by Weight
312	60-12-8	2-Phenylethanol	2-苯乙醇	1% by Weight
313	6152-33-6	Sodium 2-hydroxydiphenyl tetrahydrate	2-羥基聯苯鈉四水合物	1% by Weight
314	71-23-8	1-Propanol	1-丙醇	1% by Weight
315	68603-42-9	Coconut oil acid diethanolamide	椰子油酸二乙醇醯胺	1% by Weight
316	88-12-0	N-Vinyl-2-pyrrolidone	N-乙基-2-吡咯酮	1% by Weight
317	1897-45-6	Chlorothalonyl	四氯異苯腈	1% by Weight
318	123-73-9	Crotonaldehyde	巴豆醛	1% by Weight
319	28519-02-0	Dodecyl(sulfophenoxy)benzenesulfonic acid, disodium salt	十二基(磺苯氧基)-苯磺酸二鈉鹽	1% by Weight
320	2312-35-8	Propargite	脫磷多	1% by Weight
321	132-27-4	Sodium 2-phenylphenolate	2-苯基苯酚鈉	1% by Weight
322	52234-82-9	Trimethylolpropane tris(3-aziridinylpropanoate)	三羥甲基丙烷-三(3-吡啶基丙酸酯)	1% by Weight
323	7758-98-7	Copper sulfate	硫酸銅	1% by Weight
324	7803-57-8	Hydrazine monohydrate	水合肼	1% by Weight
325	96-29-7	Methyl ethyl ketoxime	甲基乙基肟醇	1% by Weight
326	144-62-7	Oxalic acid	草酸	1% by Weight
327	108-95-2	Phenol	酚	1% by Weight
328	10034-93-2	Hydrazine sulfate	硫酸肼	1% by Weight
329	79-00-5	1,1,2-Trichloroethane	1,1,2-三氯乙烷	1% by Weight
330	108-90-7	Chlorobenzene	氯苯	1% by Weight
331	108-94-1	Cyclohexanone	環己酮	1% by Weight
332	950-37-8	Methidathion	滅大松	1% by Weight

CHINA MINISTRY OF LABOR Notice is hereby given, for the stipulation to revise the list of designated chemicals regulated by Article 2 of "Regulations Governing Designating and Handling of Priority Management Chemicals" (stipulation shall become effective from 1st, April 2022)

Source: <https://gazette.nat.gov.tw/egFront/detail.do?metaid=130052&log=detailLog>

Date of Last Update to List: 11/27/2022

附件 1 優先管理化學品之指定及運作管理辦法第 3 條第 3 款指定之化學品				
Annex 1 Priority Management of Chemicals Designated and Operational Procedures for Chemicals specified in Paragraph 2 of Article 2				
333	96-33-3	Methyl acrylate	丙烯酸甲酯	1% by Weight
334	67-56-1	Methyl alcohol	甲醇	1% by Weight
335	591-78-6	Methyl butyl ketone	甲丁酮	1% by Weight
336	108-10-1	Methyl isobutyl ketone	甲基異丁酮	1% by Weight
337	10028-15-6	Ozone	臭氣	1% by Weight
338	108-98-5	Phenyl mercaptan	苯硫醇	1% by Weight
339	298-02-2	Phorate	福瑞松	1% by Weight
340	7757-79-1	Potassium nitrate	硝酸鉀	1% by Weight
341	7631-99-4	Sodium nitrate	硝酸鈉	1% by Weight
342	56-23-5	Tetrachloromethane	四氯化碳	1% by Weight
343	1314-62-1	Vanadium pentoxide	五氧化二銩	1% by Weight
344	71751-41-2	Abamectin	阿巴汀	1% by Weight
345	99-55-8	2-Amino-4-nitrotoluene	2-胺基-4-硝基甲苯	1% by Weight
346	7803-55-6	Ammonium motavanadate	偏鉬酸銨	1% by Weight
347	7758-99-8	Copper sulfate pentahydrate	硫酸銅(II)五水合物	1% by Weight
348	15307-79-6	Diclofenac sodium	二氯芬酸鈉鹽	1% by Weight
349	3542-36-7	Diocetylstannium dichloride	二辛基錫二氯化物	1% by Weight
350	122-14-5	Fenitrothion	撲滅松	1% by Weight
351	55-63-0	Nitroglycerin	硝化甘油	1% by Weight
352	1461-25-2	Tetrabutyltin	正丁基錫	1% by Weight
353	78-00-2	Tetraethyl lead	四乙基鉛	1% by Weight
354	123-77-3	1,1'-Azobis(formamide)	1,1'-偶氮雙甲酰胺	1% by Weight
355	7727-54-0	Ammonium persulfate	過硫酸銨	1% by Weight
356	17095-24-8	C.I. Reactive black 5	活性黑 5	1% by Weight
357	822-06-0	Hexamethylene diisocyanate	六亞甲二異氰酸酯	1% by Weight
358	100-97-0	Hexamethylenetetramine	六亞甲四胺	1% by Weight
359	4098-71-9	Isophorone diisocyanate	二異氰酸異佛爾酮	1% by Weight
360	5124-30-1	Methylene bis(4-cyclohexylisocyanate)	亞甲基雙(4-環己異氰酸酯)	1% by Weight
361	28182-81-2	Poly(hexamethylene diisocyanate)	聚六亞甲基二異氰酸酯	1% by Weight
362	7727-21-1	Potassium persulfate	過硫酸鉀	1% by Weight
363	8050-09-7	Rosin	松香	1% by Weight
364	7775-27-1	Sodium persulfate	過硫酸鈉	1% by Weight
365	122-57-6	Benzylidene acetone	亞苯丙酮	1% by Weight
366	25854-16-4	1,2-Bis(isocyanatomethyl)benzene	1,2-雙(異氰酸基甲基)苯	1% by Weight
367	1934-21-0	C.I. Acid Yellow 23	C.I.酸性黃 23	1% by Weight
368	71872-76-9	C.I. Reactive Blue 160	C.I.活性藍 160	1% by Weight
369	20262-58-2	C.I. Reactive Orange 16	C.I.活性橙 16	1% by Weight
370	12225-83-1	C.I. Reactive Orange 7	C.I.活性橙 7	1% by Weight
371	27164-46-1	Cefazolin sodium	頭孢唑啉鈉	1% by Weight
372	93107-08-5	Ciprofloxacin hydrochloride	環丙沙星鹽酸鹽	1% by Weight
373	5026-74-4	4-(Diglycidylamino)phenyl glycidyl ether	4-(二環氧丙基胺基)苯基環氧丙基醚	1% by Weight
374	97-53-0	Eugenol	丁香酚	1% by Weight
375	1795-48-8	Isopropyl isocyanate	異氰酸異丙酯	1% by Weight
376	137330-13-3	Tilmicosin phosphate	替米考星磷酸鹽	1% by Weight
377	79-33-4	(S)(+)-2-Hydroxypropanoic acid	(S)(+)-2-羥基丙酸	1% by Weight
378	107-45-9	1,1,3,3-Tetramethylbutylamine	1,1,3,3-四甲基丁胺	1% by Weight
379	2634-33-5	1,2-Benzisothiazole-3-one	1,2-苯并異噻唑-3-酮	1% by Weight
380	124-09-4	1,6-Hexanediamine	1,6-己二胺	1% by Weight
381	71-36-3	1-Butyl alcohol	1-丁醇	1% by Weight
382	97-00-7	1-Chloro-2,4-dinitrobenzene	1-氯-2,4-二硝基苯	1% by Weight
383	112-55-0	1-Dodecanethiol	十二硫醇	1% by Weight
384	102-81-8	2-(Diethylamino)ethanol	2-(二乙胺基)乙醇	1% by Weight
385	2439-35-2	2-(Dimethylamino)ethyl acrylate	丙烯酸 2-(二甲胺基)乙酯	1% by Weight
386	15214-89-8	2-Acrylamido-2-methylpropanesulfonic acid	2-丙烯醯胺-2-甲基丙磺酸	1% by Weight
387	929-06-6	2-Aminoethoxyethanol	2-胺基乙氧基乙醇	1% by Weight
388	100-37-8	2-Diethyl-aminoethanol	2-二乙胺基乙醇	1% by Weight
389	108-01-0	2-Dimethylaminoethanol	2-二甲胺基乙醇	1% by Weight
390	2867-47-2	2-Dimethylaminoethyl methacrylate	甲基丙烯酸 2-二甲胺基乙酯	1% by Weight
391	931-36-2	2-Ethyl-4-methylimidazole	2-乙基-4-甲基咪唑	1% by Weight
392	999-61-1	2-Hydroxypropyl acrylate	丙烯酸 2-羥基丙酯	1% by Weight
393	2682-20-4	2-Methyl-4-isothiazolin-3-one	2-甲基異噻唑啉-3-酮	1% by Weight
394	109-83-1	2-Methylaminoethanol	2-甲胺乙醇	1% by Weight
395	97-65-4	2-Methylenesuccinic acid	亞甲基丁二酸	1% by Weight
396	37971-36-1	2-Phosphonobutane-1,2,4-tricarboxylic acid	2-膦酸丁烷-1,2,4-三羧酸	1% by Weight
397	88-18-6	2-t-Butylphenol	2-叔丁基苯酚	1% by Weight
398	100-69-6	2-Vinylpyridine	2-乙烯吡啶	1% by Weight
399	6864-37-5	3,3'-Dimethyl-4,4'-diaminodicyclohexylmethane	3,3'-二甲基-4,4'-二胺基二環己基甲烷	1% by Weight
400	108-68-9	3,5-Dimethylphenol	3,5-二甲酚	1% by Weight
401	108-99-6	3-Methylpyridine	3-甲基吡啶	1% by Weight
402	90-93-7	4,4'-Bis(diethylamino)benzophenone	4,4'-雙(N,N-二乙胺基)二苯基酮	1% by Weight
403	1761-71-3	4,4'-Methylenebis(cyclohexylamine)	4,4'-亞甲基雙環己胺	1% by Weight
404	1122-58-3	4-Dimethylaminopyridine	4-二甲胺基吡啶	1% by Weight
405	371-41-5	4-Fluorophenol	4-氟苯酚	1% by Weight
406	2226-96-2	4-Hydroxy-2,2,6,6-tetramethylpiperidinoxy	4-羥基-2,2,6,6-四甲基哌啶氮氣自由基	1% by Weight
407	98-67-9	4-Hydroxybenzenesulfonic acid	4-羥基苯磺酸	1% by Weight

CHINA MINISTRY OF LABOR Notice is hereby given, for the stipulation to revise the list of designated chemicals regulated by Article 2 of "Regulations Governing Designating and Handling of Priority Management Chemicals" (stipulation shall become effective from 1st, April 2022)

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Date of Last Update to List: 11/27/2022

附件 1 優先管理化學品之指定及運作管理辦法第 3 條第 3 款指定之化學品					
Annex 1 Priority Management of Chemicals Designated and Operational Management Procedures for Chemicals specified in Paragraph 2 of Article 2					
408	104-40-5	4-Nonylphenol	4-壬基酚		1% by Weight
409	98-29-3	4-tert-Butylcatechol	4-三級丁基鄰苯二酚		1% by Weight
410	26172-55-4	5-Chloro-2-methyl-4-isothiazolin-3-one	5-氯-2-甲基-4-異噻唑啉-3-酮		1% by Weight
411	90-51-7	7-Amino-1-naphthol-3-sulfonic acid	7-胺基-1-萘酚-3-磺酸		1% by Weight
412	87-02-5	7-Amino-4-naphthol-2-sulfonic acid	7-胺基-4-萘酚-2-磺酸		1% by Weight
413	64-19-7	Acetic acid	醋酸		1% by Weight
414	108-24-7	Acetic anhydride	乙酐		1% by Weight
415	79-10-7	Acrylic acid	丙烯酸		1% by Weight
416	7784-30-7	Aluminum phosphate	磷酸鋁		1% by Weight
417	61788-46-3	Amines, coco alkyl	椰油烷基胺		1% by Weight
418	6419-19-8	Aminotris(methylenephosphonic acid)	胺基參亞甲基膦酸		1% by Weight
419	7664-41-7	Ammonia	氨		1% by Weight
420	17194-00-2	Barium hydroxide	氫氧化鋇		1% by Weight
421	98-88-4	Benzoyl chloride	苯醃氯		1% by Weight
422	103-83-3	Benzylidimethylamine	苯甲基二甲胺		1% by Weight
423	5538-94-3	Bisocetyldimethylammonium chloride	氯化雙辛基二甲基銨		1% by Weight
424	7726-95-6	Bromine	溴		1% by Weight
425	68584-22-5	C10-16-Alkylbenzenesulfonic acid	C10-16-烷基苯磺酸		1% by Weight
426	7440-70-2	Calcium	鈣		1% by Weight
427	75-20-7	Calcium carbide	碳化鈣		1% by Weight
428	1305-62-0	Calcium hydroxide	氫氧化鈣		1% by Weight
429	7778-54-3	Calcium hypochlorite	次氯酸鈣		1% by Weight
430	1305-78-8	Calcium oxide	氧化鈣		1% by Weight
431	142-62-1	Caproic acid	己酸		1% by Weight
432	16774-21-3	Cerium ammonium nitrate	硝酸銨鈰		1% by Weight
433	10049-04-4	Chlorine dioxide	二氧化氯		1% by Weight
434	7790-94-5	Chlorosulphonic acid	氯磺酸		1% by Weight
435	123-41-1	Choline hydroxide	氫氧化膽鹼		1% by Weight
436	1319-77-3	Cresol	甲酚		1% by Weight
437	80-15-9	Cumene hydroperoxide	【持久】氫過氧化物		1% by Weight
438	4109-96-0	Dichlorosilane	二氯矽烷		1% by Weight
439	101-83-7	Dicyclohexylamine	二環己胺		1% by Weight
440	61791-31-9	Diethanolamide of coconut oily fatty acid	椰子油脂肪酸二乙醇胺		1% by Weight
441	109-89-7	Diethylamine	二乙胺		1% by Weight
442	104-78-9	Diethylaminopropylamine	二乙胺基丙胺		1% by Weight
443	1191-15-7	Diisobutylaluminum hydride	二異丁基鋁氫化物		1% by Weight
444	74-94-2	Dimethylamine borane	二甲胺基硼烷		1% by Weight
445	75-78-5	Dimethyldichlorosilane	二甲基二氯矽烷		1% by Weight
446	111-92-2	Di-n-butylamine	二正丁胺		1% by Weight
447	1323-65-5	Dinonylphenol	二壬基苯酚		1% by Weight
448	577-11-7	Dioctyl sodium sulfosuccinate	磺基丁二酸二辛基鈉鹽		1% by Weight
449	1313-59-3	Disodium oxide	氧化鈉		1% by Weight
450	124-22-1	Dodecylamine	十二胺		1% by Weight
451	27176-87-0	Dodecylbenzenesulfonic acid	十二烷基苯磺酸		1% by Weight
452	69669-44-9	Dodecylbenzenesulfonic acid sodium salt	十二烷基苯磺酸鈉		1% by Weight
453	97-64-3	Ethyl lactate	乳酸乙酯		1% by Weight
454	563-43-9	Ethylaluminum dichloride	二氯化乙基鋁		1% by Weight
455	112-25-4	Ethylene glycol monohexyl ether	乙二醇單己醚		1% by Weight
456	7705-08-0	Ferric chloride, anhydrous	無水氯化鐵		1% by Weight
457	7758-94-3	Ferrous chloride	氯化亞鐵		1% by Weight
458	16872-11-0	Fluoroboric acid	氟硼酸		1% by Weight
459	64-18-6	Formic acid	甲酸		1% by Weight
460	999-97-3	Hexamethyldisilazane	六甲基二矽氮烷		1% by Weight
461	7647-01-0	Hydrogen chloride	氯化氫		1% by Weight
462	2809-21-4	Hydroxyethanediphosphonic acid	羥基亞乙基二膦酸		1% by Weight
463	7803-49-8	Hydroxylamine	羥胺		1% by Weight
464	6303-21-5	Hypophosphorous acid	次磷酸		1% by Weight
465	78-83-1	Isobutyl alcohol	異丁醇		1% by Weight
466	2855-13-2	Isophorone diamine	異佛酮二胺		1% by Weight
467	78-96-6	Isopropanolamine	異丙醇胺		1% by Weight
468	75-31-0	Isopropylamine	異丙胺		1% by Weight
469	55965-84-9	Isothiazolin	異噻唑啉		1% by Weight
470	50-21-5	Lactic acid	乳酸		1% by Weight
471	112-18-5	Lauryldimethylamine	月桂基二甲基胺		1% by Weight
472	7439-93-2	Lithium	鋰		1% by Weight
473	1310-65-2	Lithium hydroxide	氫氧化鋰		1% by Weight
474	75-75-2	Methanesulfonic acid	甲基磺酸		1% by Weight
475	79-22-1	Methyl chloroformate	氯甲酸甲酯		1% by Weight

REC Product. Intentionally contains this Chemical.

REC Product. Intentionally contains this Chemical.

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Date of Last Update to List: 11/27/2022

附件 1 優先管理化學品之指定及運作管理辦法第 2 條第 2 款指定之化學品

Annex 1 Priority Management of Chemicals Designated and Operational Management Procedures for Chemicals specified in Paragraph 2 of Article 2

476	1338-23-4	Methyl ethyl ketone peroxide (MEKPO)	過氧化丁酮		1% by Weight	
477	74-89-5	Methylamine	甲胺		1% by Weight	
478	6317-18-6	Methylene bis(thiocyanate)	亞甲基雙硫氰酸酯		1% by Weight	
479	4253-34-3	Methylsilylanetriyl triacetate	甲基矽三醇三乙酸酯		1% by Weight	
480	110-91-8	Morpholine	嗎啉		1% by Weight	
481	1477-55-0	m-Xylenediamine	間二甲苯二胺		1% by Weight	
482	109-55-7	N,N-Dimethyl-1,3-diaminopropane	N,N-二甲基-1,3-二胺基丙烷		1% by Weight	
483	101-96-2	N,N'-Di-sec-butyl-p-phenyldiamine	N,N'-貳二級丁基對苯二胺		1% by Weight	
484	3069-29-2	N-[3-(dimethoxymethylsilyl)propyl]ethylenediamine	N-[3-(二甲氧基甲基矽基)丙基]乙二胺		1% by Weight	
485	140-31-8	N-Aminoethylpiperazine	N-胺乙基哌嗪		1% by Weight	
486	111-36-4	n-Butyl isocyanate	異氰酸正丁酯		1% by Weight	
487	7697-37-2	Nitric acid	硝酸		1% by Weight	
488	941-69-5	N-phenylmaleimide	N-苯基順丁烯二醯亞胺		1% by Weight	
489	95-48-7	o-Cresol	鄰甲酚		1% by Weight	
490	124-07-2	Octanoic acid	辛酸		1% by Weight	
491	106-44-5	p-Cresol	對甲酚		1% by Weight	
492	112-05-0	Pelargonic acid	壬酸		1% by Weight	
493	4067-16-7	Pentaethylenhexamine	五伸乙六胺		1% by Weight	
494	79-21-0	Peroxyacetic acid	過醋酸		1% by Weight	
495	98-13-5	Phenyltrichlorosilane	苯基三氯矽烷		1% by Weight	
496	7664-38-2	Phosphoric acid	磷酸		1% by Weight	
497	10026-13-8	Phosphorus pentachloride	五氯化磷		1% by Weight	
498	1314-56-3	Phosphorus pentoxide	五氧化二磷		1% by Weight	
499	7646-93-7	Potassium hydrogen sulphate	硫酸氫鉀		1% by Weight	
500	1310-58-3	Potassium hydroxide	氫氧化鉀		1% by Weight	
501	865-33-8	Potassium methoxide	甲氧鉀		1% by Weight	
502	12136-45-7	Potassium oxide	氧化鉀		1% by Weight	
503	7722-64-7	Potassium permanganate	過錳酸鉀		1% by Weight	
504	79-09-4	Propionic acid	丙酸		1% by Weight	
505	89-32-7	Pyromellitic dianhydride	焦蜜石酸二酐		1% by Weight	
506	123-75-1	Pyrolidine	吡咯啉		1% by Weight	
507	10026-04-7	Silicon tetrachloride	四氯化矽		1% by Weight	REC Product.
508	7440-23-5	Sodium	鈉		1% by Weight	
509	68411-30-3	Sodium alkylbenzenesulfonate	烷基苯磺酸鈉		1% by Weight	
510	7681-38-1	Sodium bisulfate	硫酸氫鈉		1% by Weight	
511	7758-19-2	Sodium chlorite	亞氯酸鈉		1% by Weight	
512	16721-80-5	Sodium hydrosulfide	硫氫化鈉		1% by Weight	
513	1310-73-2	Sodium hydroxide	氫氧化鈉		1% by Weight	
514	7681-52-9	Sodium hypochlorite	次氯酸鈉		1% by Weight	
515	7681-57-4	Sodium metabisulfite	偏二亞硫酸鈉		1% by Weight	
516	6834-92-0	Sodium metasilicate	偏矽酸鈉		1% by Weight	
517	124-41-4	Sodium methylate	甲醇鈉		1% by Weight	
518	137-20-2	Sodium N-methyl-N-oleoyltaurate	N-甲基-N-油醯基牛磺酸鈉		1% by Weight	
519	15630-89-4	Sodium percarbonate	過碳酸鈉		1% by Weight	
520	10101-50-5	Sodium permanganate	過錳酸鈉		1% by Weight	
521	1313-82-2	Sodium sulfide	硫化鈉		1% by Weight	
522	5329-14-6	Sulfamic acid	磺胺酸		1% by Weight	
523	7446-09-5	Sulfur dioxide	二氧化硫		1% by Weight	
524	7446-11-9	Sulfur trioxide	三氧化硫		1% by Weight	
525	7664-93-9	Sulfuric acid	硫酸		1% by Weight	
526	61791-26-2	Tallow amine ethoxylated	乙氧化牛脂胺		1% by Weight	
527	5593-70-4	Tetrabutyl titanate	鈦酸四丁酯		1% by Weight	
528	112-57-2	Tetraethylenepentamine	四伸乙五胺		1% by Weight	
529	68-11-1	Thioglycolic acid	乙硫醇酸		1% by Weight	
530	7772-99-8	Tin(II) chloride	氯化錫(II)		1% by Weight	
531	53408-94-9	Tin(II) methanesulfonate	甲磺酸錫(II)		1% by Weight	
532	7550-45-0	Titanium tetrachloride	四氯化鈦		1% by Weight	
533	64665-57-2	Tolytriazole sodium	甲基苯并三唑鈉		1% by Weight	
534	10025-78-2	Trichlorosilane	三氯矽烷		1% by Weight	REC Product. Intentionally contains this Chemical.
535	97-93-8	Triethylaluminum	三乙基鋁		1% by Weight	
536	143-22-6	Triethylene glycol monobutyl ether	三甘醇單丁醚		1% by Weight	
537	112-24-3	Triethylenetetramine	三伸乙四胺		1% by Weight	
538	1115-99-7	Triethylgallium	三乙基鎵		1% by Weight	
539	76-05-1	Trifluoroacetic acid	三氟乙酸		1% by Weight	
540	75-24-1	Trimethylaluminum	三甲基鋁		1% by Weight	
541	75-50-3	Trimethylamine	三甲胺		1% by Weight	
542	112-02-7	Trimethylhexadecylammonium chloride	氯化十六烷基三甲基銨		1% by Weight	
543	7778-53-2	Tripotassium orthophosphate	磷酸三鉀		1% by Weight	
544	7783-82-6	Tungsten hexafluoride	六氟化鎢		1% by Weight	
545	7646-85-7	Zinc chloride	氯化鋅		1% by Weight	
546	7733-02-0	Zinc sulfate	硫酸鋅		1% by Weight	
547	1341-49-7	Ammonium hydrogendifluoride	二氟氫化銨		1% by Weight	

CHINA MINISTRY OF LABOR Notice is hereby given, for the stipulation to revise the list of designated chemicals regulated by Article 2 of "Regulations Governing Designating and Handling of Priority Management Chemicals" (stipulation shall become effective from 1st, April 2022)

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Date of Last Update to List: 11/27/2022

附件 1 優先管理化學品之指定及運作管理辦法第 3 條第 3 款指定之化學品				
Annex 1 Priority Management of Chemicals Designated and Operational Management Procedures for Chemicals specified in Paragraph 2 of Article 2				
548	96-49-1	Ethylene carbonate	碳酸仲乙酯	1% by Weight
549	68002-97-1	Alcohols, C10-16, ethoxylated	乙氧化 C10-16 醇	1% by Weight
550	68439-50-9	Alcohols, C12-14, ethoxylated	乙氧化 C12-14 醇	1% by Weight
551	84133-50-6	Alcohols, C12-14-secondary, ethoxylated	乙氧化 C12-14 二級醇	1% by Weight
552	74499-34-6	Alcohols, C12-15, propoxylated	丙氧化 C12-15 醇	1% by Weight
553	68213-23-0	Alcohols, C12-18, ethoxylated	乙氧化 C12-18 醇	1% by Weight
554	68603-25-8	Alcohols, C8-10, ethoxylated propoxylated	乙氧化丙氧化 C8-10 醇	1% by Weight
555	68439-46-3	Alcohols, C9-11, ethoxylated	乙氧化 C9-11 醇	1% by Weight
556	68037-49-0	(C10-18)alkanesulfonic acid, sodium salt	C10-18 烷基磺酸鈉鹽	1% by Weight
557	90194-26-6	4-(C10-14)-Alkylbenzenesulfonic acid, calcium salt	4-(C10-14)-烷基苯磺酸鈣鹽	1% by Weight
558	70592-80-2	C10-16-Alkyldimethylamine oxide	C10-16-烷基二甲基胺氧化物	1% by Weight
559	1745-81-9	2-Allylphenol	2-烯丙基苯酚	1% by Weight
560	10043-01-3	Aluminium sulfate	硫酸鋁	1% by Weight
561	12005-57-1	Aluminum calcium oxide	鋁鈣氧化物	1% by Weight
562	39290-78-3	Aluminum chloride hydroxide sulfate	氯化鋁基鋁硫酸鹽	1% by Weight
563	13530-50-2	Aluminum dihydrogen phosphate	磷酸二氫鋁	1% by Weight
564	24304-00-5	Aluminum nitride	氮化鋁	1% by Weight
565	11138-49-1	Aluminum sodium oxide	鋁鈉氧化物	1% by Weight
566	68439-72-5	Amines, C8-18 and C18-unsatd. alkyl, ethoxylated	乙氧化 C8-18 與 C18 不飽和烷基胺	1% by Weight
567	61791-14-8	Amines, coco alkyl, ethoxylated	乙氧化椰脂烷基胺	1% by Weight
568	68153-95-7	Amines, di-C12-18-alkyl	二-C12-18-烷基胺	1% by Weight
569	68131-73-7	Amines, polyethylenepoly-	聚亞乙基聚胺	1% by Weight
570	117-62-4	2-Amino-1,5-naphthalenedisulfonic acid	2-胺基-1,5-萘二磺酸	1% by Weight
571	5856-62-2	(+)-2-Amino-1-butanol	(+)-2-胺基-1-丁醇	1% by Weight
572	96-20-8	2-Amino-1-butanol	2-胺基-1-丁醇	1% by Weight
573	81-16-3	2-Amino-1-naphthalenesulfonic acid	2-胺基-1-萘磺酸	1% by Weight
574	88-21-1	2-Aminobenzene sulfonic acid	2-胺基苯磺酸	1% by Weight
575	616-30-8	3-Aminopropane-1,2-diol	3-胺基-1,2-丙二醇	1% by Weight
576	13822-56-5	(3-Aminopropyl)trimethoxysilane	(3-胺基丙基)三甲氧基矽烷	1% by Weight
577	919-30-2	3-Aminopropyltriethoxysilane	3-胺基丙基三乙氧基矽烷	1% by Weight
578	4418-61-5	5-Aminotetrazole	5-胺基四唑	1% by Weight
579	2235-54-3	Ammonium dodecyl sulfate	硫酸單十二酯鎂鹽	1% by Weight
580	1336-21-6	Ammonium hydroxide	氫氧化銨	1% by Weight
581	22326-55-2	Barium hydroxide, monohydrate	氫氧化鋇一水合物	1% by Weight
582	98-11-3	Benzenesulfonic acid	苯磺酸	1% by Weight
583	139-07-1	Benzododecinium chloride	氯化十二烷基二甲基苄鎂	1% by Weight
584	68424-85-1	Benzyl-C12-16-alkyldimethylammonium chloride	苄基-C12-16-烷基二甲基鎂氯化物	1% by Weight
585	68391-01-5	Benzyl-C12-16-alkyldimethylammonium chloride	苄基-C12-18-烷基二甲基鎂氯化物	1% by Weight
586	102561-46-6	Benzyltributylammonium 4-hydroxynaphthalene-1-sulfonate	4-羥基-1-萘磺酸 N,N,N',-三丁基苄鎂鹽	1% by Weight
587	52829-07-9	Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate	苧脂酸雙(2,2,6,6-四甲基-4-哌啶)酯	1% by Weight
588	10563-26-5	1,2-Bis(3-aminopropylamino)ethane	1,2-雙(3-胺基丙胺基)乙烷	1% by Weight
589	143-23-7	Bis(hexamethylene)triamine	雙(六亞甲基)三胺	1% by Weight
590	61788-63-4	Bis(hydrogenated tallowalkyl)methylamine	二(氫化牛脂烷基)甲基胺	1% by Weight
591	82985-35-1	Bis(trimethoxysilylpropyl)amine	雙(3-三甲氧基丙基)胺	1% by Weight
592	52-51-7	2-Bromo-2-nitro-1,3-propanediol	2-溴-2-硝基-1,3-丙二醇	1% by Weight
593	16079-88-2	1-Bromo-3-chloro-5,5-dimethylhydantoin	1-溴-5-氯-5,5-二甲基海因	1% by Weight
594	110-60-1	Butane-1,4-diamine	1,4-丁二胺	1% by Weight
595	12788-93-1	Butyl acid phosphate	酸式磷酸丁酯	1% by Weight
596	1623-15-0	Butyl dihydrogen phosphate	磷酸單丁酯	1% by Weight
597	2372-21-6	O,O-tert-Butyl isopropyl monoperoxycarbonate	O,O-過氧碳酸三級丁酯異丙酯	1% by Weight
598	2409-55-4	2-tert-Butyl-4-methylphenol	2-三級丁基-4-甲酚	1% by Weight
599	109-73-9	Butylamine	丁胺	1% by Weight
600	69739-34-0	tert-Butyldimethylsilyl trifluoromethanesulfonate	三級甲磺酸三級丁基二甲基矽鎂	1% by Weight
601	594-19-4	tert-Butyllithium	三級丁基鋰	1% by Weight
602	88-60-8	6-tert-Butyl-m-cresol	6-三級丁基鄰甲酚	1% by Weight
603	89-72-5	o-sec-Butyl-phenol	鄰-第二丁酚	1% by Weight
604	110-65-6	1,4-Butyenediol	1,4-丁炔二醇	1% by Weight
605	96-48-0	γ-Butyrolactone	γ-丁內酯	1% by Weight
606	54060-92-3	C.I. Basic Yellow 28	C.I.鹼性黃 28	1% by Weight
607	7758-23-8	Calcium dihydrogenphosphate	磷酸二氫鈣	1% by Weight
608	7789-79-9	Calcium hypophosphite	次磷酸鈣	1% by Weight
609	10124-37-5	Calcium nitrate	硝酸鈣	1% by Weight
610	353-50-4	Carbonyl difluoride	二氟化羰基	1% by Weight
611	5994-61-6	N-(Carboxymethyl)-N-(phosphonomethyl)glycine	N-(羧甲基)-N-(麟基)甘氨酸	1% by Weight
612	12014-56-1	Cerium hydroxide	氫氧化鈰	1% by Weight
613	12336-95-7	Chromium hydroxide sulfate	硫酸鉻銨	1% by Weight
614	68140-01-2	Cocamidopropylmethylamide	胺基丙基二甲基椰脂鎂胺	1% by Weight
615	61789-71-7	Cocalkyl dimethylbenzylammonium chloride	椰脂烷基二甲基苄鎂氯化物	1% by Weight
616	3251-23-8	Copper nitrate	硝酸銅	1% by Weight
617	372-09-8	Cyanoacetic acid	氰乙酸	1% by Weight
618	2579-20-6	1,3-Cyclohexanedimethanamine	1,3-環己二甲胺	1% by Weight
619	12262-58-7	Cyclohexanone, peroxide	環己酮過氧化物	1% by Weight

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620	91-17-8	Decahydronaphthalene	十氫萘	1% by Weight
621	298-07-7	Di(2-ethylhexyl)phosphoric acid	二(2-乙基己基)磷酸	1% by Weight
622	124-02-7	Diallylamine	二烯丙胺	1% by Weight
623	6674-22-2	1,8-Diazabicyclo[5.4.0]undec-7-ene	1,8-二氮雙環[5.4.0]十一碳-7-烯	1% by Weight
624	3001-72-7	1,5-Diazobicyclo[4.3.0]non-5-ene	1,5-重氮雙環[4.3.0]壬-5-烯	1% by Weight
625	10222-01-2	2,2-Dibromo-3-nitrilopropionamide	2,2-二溴-3-氨基丙醞胺	1% by Weight
626	68937-72-4	C4-11 Dicarboxylic acids	C4-11 二羧酸	1% by Weight
627	68603-87-2	Dicarboxylic acids, C4-6	C4-6 二羧酸	1% by Weight
628	64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one	4,5-二氯-2-正辛基-4-異噻唑啉-3-酮	1% by Weight
629	61789-77-3	Dicodimethylammonium chloride	二椰脂二甲基銨氯化物	1% by Weight
630	538-75-0	N,N-Dicyclohexylcarbodiimide	二(環己亞胺)甲脒	1% by Weight
631	7173-51-5	Didecylidimethylammonium chloride	氯化二癸二甲基銨	1% by Weight
632	3179-76-8	3-(Diethoxymethylsilyl)propylamine	3-(二乙氧基甲基矽基)丙胺	1% by Weight
633	2524-04-1	O,O-Diethyl phosphorochloridothioate	O,O-二乙基硫代磷酰氯	1% by Weight
634	96-10-6	Diethylaluminum chloride	氯化二乙基鋁	1% by Weight
635	120570-77-6	Diethylene glycol diformate	二乙二醇二甲酸酯	1% by Weight
636	557-20-0	Diethylzinc	二乙鋅	1% by Weight
637	593-85-1	Diguandinium carbonate	碳酸胍	1% by Weight
638	92-44-4	2,3-Dihydroxynaphthalene	2,3-二羥萘	1% by Weight
639	1779-25-5	Diisobutylaluminum chloride	氯化二異丁基鋁	1% by Weight
640	108-18-9	Diisopropylamine	二異丙胺	1% by Weight
641	26762-93-6	Diisopropylbenzene hydroperoxide	過氧化二異丙苯	1% by Weight
642	120-20-7	2-(3,4-Dimethoxyphenyl)ethylamine	2-(3,4-二甲氧基苯基)乙胺	1% by Weight
643	2524-03-0	Dimethyl chlorothiophosphate	二甲基硫代磷酰氯	1% by Weight
644	80-73-9	1,3-Dimethyl-2-imidazolidinone	1,3-二甲基-2-咪唑啉酮	1% by Weight
645	2680-03-7	N,N-Dimethylacrylamide	N,N-二甲基丙醞胺	1% by Weight
646	1704-62-7	2-[2-(Dimethylamino)ethoxy]ethanol	2-[2-(二甲基胺基)乙氧基]乙醇	1% by Weight
647	7651-02-7	N-[3-(Dimethylamino)propyl]octadecamide	N-[3-(二甲基胺基)丙基]十八醞胺	1% by Weight
648	61788-93-0	Dimethylcocoamine	二甲基椰脂胺	1% by Weight
649	98-94-2	Dimethylecyclohexylamine	二甲基環己胺	1% by Weight
650	1120-24-7	N,N-Dimethyldecyl-1-amine	N,N-二甲基癸-1-胺	1% by Weight
651	112-69-6	N,N-Dimethylhexadecylamine	N,N-二甲基-1-十六胺	1% by Weight
652	1118-92-9	N,N-Dimethyloctanamide	N,N-二甲基辛醞胺	1% by Weight
653	105-67-9	2,4-Dimethylphenol	2,4-二甲酚	1% by Weight
654	126-30-7	2,2-Dimethylpropane-1,3-diol	2,2-二甲基-1,3-丙二醇	1% by Weight
655	112-75-4	Dimethyltetradecylamine	二甲基十四胺	1% by Weight
656	4712-55-4	Diphenyl phosphonate	亞磷酸二苯酯	1% by Weight
657	80-10-4	Diphenyldichlorosilane	二苯二氯矽烷	1% by Weight
658	142-84-7	Dipropylamine	二正丙胺	1% by Weight
659	13870-28-5	Disodium disilicate	二矽酸二鈉	1% by Weight
660	10213-79-3	Disodium silicate, pentahydrate	矽酸二鈉五水合物	1% by Weight
661	61789-80-8	Ditallow dimethyl ammonium chloride	二牛脂二甲基銨氯化物	1% by Weight
662	96-76-4	2,4-Di-tert-butylphenol	2,4-二叔丁基苯酚	1% by Weight
663	120-95-6	2,4-Di-tert-pentylphenol	2,4-二叔戊基苯酚	1% by Weight
664	1643-20-5	Dodecylidimethylamine oxide	十二烷基二甲基胺氧化物	1% by Weight
665	9002-92-0	α-Dodecyl-ω-hydroxy-polyoxyethylene	α-十二基-ω-羥基聚氧乙烯	1% by Weight
666	37203-76-2	Ethyl phosphate	磷酸乙酯	1% by Weight
667	94-96-2	2-Ethyl-1,3-hexanediol	2-乙基-1,3-己二醇	1% by Weight
668	3586-55-8	(Ethylenedioxy)dimethanol	(仲乙二氧基)二甲醇	1% by Weight
669	12645-31-7	2-Ethylhexyl phosphate	磷酸 2-乙基己酯	1% by Weight
670	10421-48-4	Ferric nitrate	硝酸鐵	1% by Weight
671	13478-10-9	Ferrous chloride, tetrahydrate	氯化亞鐵四水合物	1% by Weight
672	13453-07-1	Gold trichloride	三氯化金	1% by Weight
673	21652-27-7	(Z)-2-(8-Heptadecenyl)-4,5-dihydro-1H-imidazole-1-ethanol	(Z)-2-(8-十七烯基)-4,5-二氫-1H-咪唑-1-乙醇	1% by Weight
674	111-14-8	Heptanoic acid	庚酸	1% by Weight
675	3031-66-1	3-Hexyne-2,5-diol	3-己炔-2,5-二醇	1% by Weight
676	10034-85-2	Hydriodic acid	氫碘酸	1% by Weight
677	1115-20-4	3-Hydroxy-2,2-dimethylpropyl 3-hydroxy-2,2-dimethylpropionate	3-羥基-2,2-二甲基丙酸 3-羥基-2,2-二甲基丙酯	1% by Weight
678	583-91-5	2-Hydroxy-4-(methylthio)butyric acid	2-羥基-4-甲硫基丁酸	1% by Weight
679	4065-45-6	2-Hydroxy-4-methoxybenzophenone-5-sulfonic acid	2-羥基-4-甲氧基-5-磺基-1-萘醞	1% by Weight
680	1333-39-7	Hydroxybenzenesulfonic acid	羥基苯磺酸	1% by Weight
681	107-75-5	7-Hydroxycitronellal	7-羥香茅醛	1% by Weight
682	542-59-6	2-Hydroxyethyl acetate	乙酸 2-羥乙酯	1% by Weight
683	68140-00-1	N-(Hydroxyethyl) coccoamide	N-(羥乙基)椰脂醞胺	1% by Weight
684	61791-39-7	1-(2-Hydroxyethyl)-2-(tall oil alkyl)-2-imidazole	1-(2-羥乙基)-2-(松油烷基)-2-咪唑	1% by Weight
685	111-57-9	N-(2-Hydroxyethyl)stearamide	N-(2-羥乙基)硬脂醞胺	1% by Weight
686	10025-77-1	Iron chloride, hexahydrate	氯化鐵六水合物	1% by Weight
687	79-30-1	Isobutyl chloride	異丁醞氯	1% by Weight
688	26896-18-4	Isonanoic acid	異壬酸	1% by Weight
689	1745-89-7	4,4'-Isopropylidenebis[2-allylphenol]	4,4'-亞異丙基雙[2-烯丙基酚]	1% by Weight
690	1310-66-3	Lithium hydroxide, monohydrate	氫氧化鋰一水合物	1% by Weight
691	865-34-9	Lithium methoxide	甲氧鋰	1% by Weight
692	12057-24-8	Lithium oxide	氧化鋰	1% by Weight
693	12031-80-0	Lithium peroxide	過氧化鋰	1% by Weight

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694	141-82-2	Malonic acid	丙二酸		1% by Weight
695	107-96-0	3-Mercaptopropionic acid	3-巰丙酸		1% by Weight
696	5332-73-0	3-Methoxypropylamine	3-甲氧基丙胺		1% by Weight
697	80-47-7	1-Methyl-1-(4-methylcyclohexyl)ethyl hydroperoxide	1-甲基-1-(4-甲基環己基)乙基過氧化氫		1% by Weight
698	88477-37-6	2,2'-[[[(Methyl-1H-benzotriazol-1-yl)methyl]imino]bisethanol	2,2'-[[[(甲基-1H-苯并三唑-1-基)亞胺基]雙乙醇		1% by Weight
699	107-86-8	3-Methyl-2-butenal	3-甲基-2-丁烯醛		1% by Weight
700	760-93-0	2-Methyl-2-Propenoic acid anhydride	2-甲基-2-丙烯酸酐		1% by Weight
701	104-15-4	p-Methylbenzenesulfonic acid	對甲苯磺酸		1% by Weight
702	6192-52-5	4-Methylbenzenesulfonic acid monohydrate	4-甲基苯磺酸一水合物		1% by Weight
703	95-71-6	Methylhydroquinone	甲基氫醌		1% by Weight
704	616-47-7	1-Methylimidazole	1-甲基咪唑		1% by Weight
705	917-54-4	Methylithium	甲基鋰		1% by Weight
706	676-58-4	Methylmagnesium chloride	氯化甲基鎂		1% by Weight
707	109-02-4	Methylmorpholine	甲基嗎福林		1% by Weight
708	15520-10-2	2-Methylpentamethylenediamine	2-甲基戊二胺		1% by Weight
709	1070-03-7	Mono(2-ethylhexyl)phosphate	磷酸單(2-乙基己基)酯		1% by Weight
710	571-60-8	1,4-Naphthalenediol	1,4-萘二醇		1% by Weight
711	112-03-8	Octadecyltrimethylammonium chloride	氯化十八烷基三甲基銨		1% by Weight
712	28805-58-5	Octenylsuccinic acid	辛烯基丁二酸		1% by Weight
713	26530-20-1	2-n-Octyl-4-isothiazolin-3-one	2-正辛基-4-異噻唑啉-3-酮		1% by Weight
714	2687-94-7	N-(N-Octyl)-2-pyrrolidinone	N-正辛基-2-吡咯啉酮		1% by Weight
715	1806-26-4	p-Octylphenol	對辛基苯酚		1% by Weight
716	112-90-3	Oleylamine	油胺		1% by Weight
717	5117-12-4	4-(1-Oxo-2-propenyl)-morpholine	4-(1-側氧-2-丙烯基)-【口末】琳		1% by Weight
718	57472-68-1	Oxybis(methyl-2,1-ethanediyl) diacrylate	二丙烯酸氧代雙(甲基-2,1-乙二基)酯		1% by Weight
719	73807-15-5	Palm kernel oil diethanolamide	棕櫚仁油二乙醇醯胺		1% by Weight
720	2403-89-6	1,2,2,6,6-Pentamethyl-4-piperidinol	1,2,2,6,6-五甲基-4-哌啉醇		1% by Weight
721	3030-47-5	Pentamethyldiethylenetriamine	五甲基二仲乙三胺		1% by Weight
722	7601-90-3	Perchloric acid	過氯酸		1% by Weight
723	936-49-2	2-Phenyl-2-imidazolinc	2-苯基咪唑啉		1% by Weight
724	1571-33-1	Phenylphosphonic acid	苯膦酸		1% by Weight
725	68954-77-8	Phosphoric acid, di-C8-18-alkyl esters	二-(C8-18 烷基)磷酸酯		1% by Weight
726	1623-24-1	Phosphoric acid, mono(1-methylethyl)ester	磷酸單(1-甲基乙基)酯		1% by Weight
727	13598-36-2	Phosphorous acid	亞磷酸		1% by Weight
728	1314-85-8	Phosphorus sesquisulfide	三硫化四磷		1% by Weight
729	88-95-9	Phthaloyl dichloride	1,2-苯二甲醯二氯		1% by Weight
730	103-76-4	2-(1-Piperazinyl)ethanol	2-(1-哌【口井】基)乙醇		1% by Weight
731	110-89-4	Piperidine	哌啉		1% by Weight
732	58253-49-9	Poly(oxy-1,2-ethanediyl), α,α'-(9-octadecen-1-ylimino)di-2,1-ethanediyl]bis[ω-hydroxy-	α,α'-(9-十八烷基亞胺)二-2,1-亞乙基]-雙-(ω-羥基)聚氧乙烷		1% by Weight
733	39423-51-3	Polyetheramine T403	聚醚胺 T403		1% by Weight
734	7440-09-7	Potassium	鉀		1% by Weight
735	13967-50-5	Potassium cyanoaurate	氰金酸鉀		1% by Weight
736	7789-23-3	Potassium fluoride	氟化鉀		1% by Weight
737	7789-29-9	Potassium hydrogendifluoride	二氟化鉀		1% by Weight
738	31795-24-1	Potassium methylsilanetriolate	甲基矽三醇鉀鹽		1% by Weight
739	70693-62-8	Potassium peroxymonosulfate	過氧單硫酸鉀		1% by Weight
740	10058-23-8	Potassium peroxydisulfate	過氧化單硫酸鉀鹽		1% by Weight
741	1312-76-1	Potassium silicate	矽酸鉀		1% by Weight
742	13463-41-7	Pyrithione zinc	吡硫鎂		1% by Weight
743	63449-41-2	Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl chlorides	苄基 C8-18 烷基二甲基四級銨氯化物		1% by Weight
744	61790-47-4	Rosin amine	松香胺		1% by Weight
745	85536-14-7	4-C10-13-sec-Alkylbenzenesulfonic acid	4-C10-13-二級烷基苯磺酸		1% by Weight
746	506-61-6	Silver potassium cyanide	氰化鉀銀		1% by Weight
747	10294-26-5	Silver sulfate	硫酸銀		1% by Weight
748	126-92-1	Sodium 2-ethylhexyl sulfate	硫酸 2-乙基己酯鈉		1% by Weight
749	1302-42-7	Sodium aluminate	鋁酸鈉		1% by Weight
750	141-52-6	Sodium ethoxide	乙氧鈉		1% by Weight
751	6362-79-4	Sodium hydrogen-5-sulfoisophthalate	5-磺酸間苯二甲酸單鈉鹽		1% by Weight
752	1333-83-1	Sodium hydrogendifluoride	二氟化鈉		1% by Weight
753	629-25-4	Sodium laurate	月桂酸鈉		1% by Weight
754	68585-47-7	Sodium lauryl sulfate	十二烷基硫酸鈉		1% by Weight
755	13517-24-3	Sodium metasilicate nonahydrate	偏矽酸鈉九水合物		1% by Weight
756	5188-07-8	Sodium methanethiolate	甲硫醇鈉		1% by Weight
757	73296-89-6	Sodium mono-C12-16-alkyl sulfate	硫酸單-C12-16-烷基酯鈉		1% by Weight
758	137-16-6	Sodium N-lauroylsarcosinate	N-月桂酰肌氨酸鈉		1% by Weight
759	10101-89-0	Sodium orthophosphate dodecahydrate	十二水合磷酸鈉		1% by Weight
760	1344-09-8	Sodium silicate	矽酸鈉		1% by Weight
761	865-48-5	Sodium tert-butoxide	三級丁氧鈉		1% by Weight
762	7646-78-8	Stannic chloride	氯化錫		1% by Weight
763	10025-69-1	Stannous chloride dihydrate	氯化亞錫二水合物		1% by Weight
764	10476-85-4	Strontium chloride	氯化銩		1% by Weight
765	10042-76-9	Strontium nitrate	硝酸銩		1% by Weight
766	1314-11-0	Strontium oxide	氧化銩		1% by Weight
767	68608-15-1	Sulfonic acids, alkane, sodium salts	磺酸烷烴鈉鹽		1% by Weight

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附件 1 優先管理化學品之指定及運作管理辦法第 3 條第 3 款指定之化學品				
Annex 1 Priority Management of Chemicals Designated and Operational Procedures for Chemicals specified in Paragraph 2 of Article 2				
768	85711-69-9	Sulfonic acids, C13-17-sec-alkane, sodium salts	C13-17-二級烷磺酸鈉鹽	1% by Weight
769	5965-83-3	5-Sulfosalicylic acid dihydrate	5-磺基水楊酸二水合物	1% by Weight
770	5138-18-1	Sulfosuccinic acid	磺丁二酸	1% by Weight
771	7791-25-5	Sulfuryl chloride	硫酰二氯	1% by Weight
772	8011-76-5	Superphosphates	過磷酸	1% by Weight
773	61790-33-8	Tallow alkylamine	牛脂胺	1% by Weight
774	61788-45-2	Tallow alkylamine, hydrogenated	氫化牛脂烷基胺	1% by Weight
775	61791-53-5	N-Tallow(alkyl)-1,3-propanediamine dioleate	N-牛脂烷基-1,3-丙二胺二油酸鹽	1% by Weight
776	68955-53-3	(C12-14)tert-Alkylamines	(C12-14)三級烷基胺	1% by Weight
777	169896-41-7	tert-Butylimidotriss(diethylamino)tantalum	三級丁基亞胺基參(二乙胺基)鉭	1% by Weight
778	12004-88-5	Tetraaluminium calcium heptaoxide	四鋁鈣七氧化物	1% by Weight
779	1643-19-2	Tetrabutylammonium bromide	溴化四丁基銨	1% by Weight
780	7691-02-3	1,1,3,3-Tetramethyl-1,3-divinyl-disilazane	1,1,3,3-四甲基-1,3-二乙烯基二矽氮	1% by Weight
781	2403-88-5	2,2,6,6-Tetramethyl-4-piperidinol	2,2,6,6-四甲基-4-哌啉醇	1% by Weight
782	36768-62-4	2,2,6,6-Tetramethyl-4-piperidylamine	2,2,6,6-四甲基-4-哌啉胺	1% by Weight
783	140-66-9	4-(1,1,3,3-Tetramethylbutyl)phenol	4-(1,1,3,3-四甲基丁基)苯酚	1% by Weight
784	111-18-2	N,N,N',N'-Tetramethylhexamethylenediamine	N,N,N',N'-四甲基-1,6-己二胺	1% by Weight
785	64-02-8	Tetrasodium ethylenediaminetetraacetate	伸乙二胺四乙酸四鈉	1% by Weight
786	2664-63-3	4,4'-Thiodiphenol	4,4'-硫二苯酚	1% by Weight
787	60-24-2	Thioglycol	硫甘醇	1% by Weight
788	7719-09-7	Thionyl chloride	氯化亞硫酰	1% by Weight
789	3982-91-0	Thiophosphoryl trichloride	三氯化硫磷酰	1% by Weight
790	89-83-8	Thymol	瑞香酚	1% by Weight
791	7488-55-3	Tin(II) sulfate	硫酸錫(II)	1% by Weight
792	7705-07-9	Titanium trichloride	三氯化鈦	1% by Weight
793	93-69-6	o-Tolyl biguanide	鄰甲苯縮二胍	1% by Weight
794	17689-77-9	Triacetoxethylsilane	三乙酰氧基乙基矽烷	1% by Weight
795	102-70-5	Triallylamine	三烯丙胺	1% by Weight
796	1116-70-7	Tributylaluminum	三丁基鋁	1% by Weight
797	12075-68-2	Triethyldialuminum trichloride	三氯化三乙基二鋁	1% by Weight
798	280-57-9	Triethylenediamine	三仲乙二胺	1% by Weight
799	100-99-2	Triisobutylaluminum	三(異丁基)鋁	1% by Weight
800	2768-02-7	Trimethoxyvinylsilane	三甲氧基乙基矽烷	1% by Weight
801	3282-30-2	Trimethylacetyl chloride	三甲基乙醯氯	1% by Weight
802	75-77-4	Trimethylchlorosilane	三甲基氯矽烷	1% by Weight
803	25620-58-0	Trimethylhexamethylene diamine	三甲基六亞甲基二胺	1% by Weight
804	3302-10-1	3,5,5-Trimethylhexanoic acid	3,5,5-三甲基己酸	1% by Weight
805	2416-94-6	2,3,6-Trimethylphenol	2,3,6-三甲基苯酚	1% by Weight
806	90-72-2	2,4,6-Tris(dimethylamino)methyl]phenol	2,4,6-參[(二甲胺基)甲基]苯酚	1% by Weight
807	7601-54-9	Trisodium orthophosphate	磷酸三鈉	1% by Weight
808	75-94-5	Vinyl trichlorosilane	乙烯基三氯矽烷	1% by Weight
809	25321-41-9	Xylenesulfonic acid	二甲苯磺酸	1% by Weight
810	95-87-4	2,5-Xylenol	2,5-二甲苯酚	1% by Weight
811	576-26-1	2,6-Xylenol	2,6-二甲苯酚	1% by Weight
812	1300-71-6	Xylenol	二甲苯酚	1% by Weight
813	68457-79-4	Zinc dialkyl dithiophosphate	二硫代磷酸二烷基鋅	1% by Weight
814	10139-47-6	Zinc iodide	碘化鋅	1% by Weight
815	7446-20-0	Zinc sulfate heptahydrate	硫酸鋅七水合物	1% by Weight
816	7446-19-7	Zinc sulfate monohydrate	硫酸鋅一水合物	1% by Weight
817	123-91-1	1,4-Dioxane	1,4-二氧陸圓	1% by Weight
818	107-07-3	2-Chloroethanol	2-氯乙醇	1% by Weight
819	6484-52-2	Ammonium nitrate	硝酸銨	1% by Weight
820	628-63-7	Amyl acetate	乙酸戊酯	1% by Weight
821	105-60-2	Caprolactam	己內醯胺	1% by Weight
822	1563-66-2	Carbofuran	加保扶	1% by Weight
823	1333-86-4	Carbon black	碳黑	1% by Weight
824	91465-08-6	Cyhalothrin	三氯氣氟菊酯	1% by Weight
825	141-66-2	Dicrotophos	雙特松	1% by Weight
826	2238-07-5	Diglycidyl ether	縮水甘油醚	1% by Weight
827	123-92-2	Isoamyl acetate	乙酸異戊酯	1% by Weight
828	10377-60-3	Magnesium nitrate	硝酸鎂	1% by Weight
829	95-50-1	o-Dichlorobenzene	鄰-二氯苯	1% by Weight
830	23135-22-0	Oxamyl	歐殺滅	1% by Weight
831	140-29-4	Phenylacetone	苯乙腈	1% by Weight
832	7786-34-7	Phosdrin (Mevinphos)	美文松	1% by Weight
833	151-50-8	Potassium cyanide	氰化鉀	1% by Weight
834	143-33-9	Sodium cyanide	氰化鈉	1% by Weight
835	16893-85-9	Sodium fluorosilicate	氟矽酸鈉	1% by Weight
836	1330-20-7	Xylenes	二甲苯	1% by Weight
837	60304-36-1	Aluminum potassium fluoride	氟化鉀鋁	1% by Weight
838	15096-52-3	Aluminum sodium fluoride	氟鋁化鈉	1% by Weight
839	2778-42-9	1,3-Bis(1-isocyanato-1-methylethyl)benzene	1,3-雙(1-異氰酸基-1-甲基乙基)苯	1% by Weight
840	91788-83-9	1,2,3,4-Butanetetracarboxylic acid,tetrakis(1,2,2,6,6-pentamethyl-4-piperidinyl) ester	1,2,3,4-丁四甲酸四(1,2,2,6,6-五甲基-4-哌啉基)酯	1% by Weight
841	13477-34-4	Calcium nitrate tetrahydrate	四水合硝酸鈣	1% by Weight

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附件 1 優先管理化學品之指定及運作管理辦法第 2 條第 2 款指定之化學品

Annex 1 Priority Management of Chemicals Designated and Operational Management Procedures for Chemicals specified in Paragraph 2 of Article 2						
842	2921-88-2	Chlopyrifos	陶斯松			1% by Weight
843	7440-74-6	Indium	銦			1% by Weight
844	7553-56-2	Iodine	碘			1% by Weight
845	2235-00-9	N-Vinylcaprolactam	N-乙基己內醯胺			1% by Weight
846	8052-41-3	Stoddard solvent	斯陶大溶劑			1% by Weight
847	13775-53-6	Trisodium hexafluoroaluminate	六氟鋁酸鈉			1% by Weight
848	11070-44-3	4-Methyl tetrahydro phthalic anhydride	甲基四氫鄰苯二甲酸酐			1% by Weight
849	107-15-3	Ethylenediamine	乙二胺			1% by Weight
850	111-30-8	Glutaraldehyde	戊二醛			1% by Weight
851	25550-51-0	Methylhexahydrophthalic anhydride	甲基六氫酞酸酐			1% by Weight
852	85-43-8	Tetrahydrophthalic anhydride	四氫酞酸酐			1% by Weight
853	552-30-7	Trimellitic anhydride	1,2,4-苯三甲酸酐			1% by Weight
854	8001-54-5	Benzalkonium chloride	氯化苄二銨鹽			1% by Weight
855	109-76-2	1,3-Diaminopropane	1,3-二胺基丙烷			1% by Weight
856	19438-60-9	Methyl hexahydrophthalic anhydride	甲基六氫酞酸酐			1% by Weight
857	78-90-0	1,2-Propylenediamine	1,2-丙二胺			1% by Weight
858	30674-80-7	2-Isocyanatoethyl methacrylate	甲基丙烯酸異氰酸乙酯			1% by Weight
859	1760-24-3	3-(2-Aminoethylamino)propyltrimethoxysilane	3-(2-胺乙基)-胺丙基三甲氧基矽烷			1% by Weight
860	85-42-7	Hexahydrophthalic anhydride	六氫酞酸酐			1% by Weight
861	23996-25-0	2-Ethyl-4-methylimidazole-1-propionitrile	2-乙基-4-甲基-1H-咪唑-1-丙腈			1% by Weight
862	15396-00-6	3-Isocyanatopropyltrimethoxysilane	3-異氰酸基丙基三甲氧基矽烷			1% by Weight
863	26590-20-5	1,2,3,6-Tetrahydroethylphthalic anhydride	1,2,3,6-四氫乙基酞酸酐			1% by Weight
864	24801-88-5	Triethoxy(3-isocyanatopropyl)silane	三乙氧基(3-異氰酸丙基)矽烷			1% by Weight
865	108-31-6	Maleic anhydride	順-丁烯二酐			1% by Weight
866	3634-83-1	1,3-Bis(isocyanatomethyl)benzene	1,3-雙(異氰酸基甲基)苯			1% by Weight
867	141-43-5	Ethanolamine	乙醇胺			1% by Weight
868	74091-64-8	2,5(or 2,6)-Diisocyanatomethylbicyclo[2.2.1]heptane	2,5(或 2,6)-雙(異氰酸根甲基)雙環[2.2.1]庚烷			1% by Weight
869	1308-38-9	Chromium(III) oxide	氧化鉻(III)			1% by Weight
870	106-50-3	p-Phenylenediamine	對-苯二胺			1% by Weight
871	7790-91-2	Chlorine trifluoride	三氟化氯			1% by Weight
872	108-77-0	Cyanuric chloride	三聚氯化氰			1% by Weight
873	124-40-3	Dimethylamine	二甲胺			1% by Weight
874	7664-39-3	Hydrogen fluoride	氟化氫			1% by Weight
875	818-61-1	Hydroxyethyl acrylate	丙烯酸羟乙酯			1% by Weight
876	25584-83-2	Hydroxypropyl acrylate	丙烯酸羟丙酯			1% by Weight
877	79-41-4	Methacrylic acid	甲基丙烯酸			1% by Weight
878	4685-14-7	Paraquat	巴拉刈			1% by Weight
879	75-59-2	Tetramethylammonium hydroxide	氫氧化四甲銨			1% by Weight
880	55406-53-6	3-Iodo-2-propynyl butylcarbamate	丁胺甲酸 3-碘-2-丙炔酯			1% by Weight
881	21324-40-3	Lithium hexafluorophosphate(1-)	六氟磷酸鋰			1% by Weight
882	7681-49-4	Sodium fluoride	氟化鈉			1% by Weight
883	79-04-9	Chloroacetyl chloride	氯乙醯氯			1% by Weight
884	75-04-7	Ethylamine	乙胺			1% by Weight
885	10035-10-6	Hydrogen bromide	溴化氫			1% by Weight
886	7722-84-1	Hydrogen peroxide	過氧化氫			1% by Weight
887	75-44-5	Phosgene	光氣			1% by Weight
888	10025-87-3	Phosphorus oxychloride	氧氯化磷			1% by Weight
889	7761-88-8	Silver nitrate	硝酸銀			1% by Weight

註 1: 本辦法附表 2 屬致癌物質或生殖細胞致突變性物質或生殖毒性物質第 1 級者, 該等物質或占其重量百分之以上之混合物, 不論其年運作總量多寡, 均應向中央主管機關報請備查, 爰另載明於備註欄。
註 2: 依本辦法第 2 條第 2 款指定之化學品, 含上述列舉物占其重量百分之以上之混合物。

"Note 1: If Schedule 2 of this procedure is a carcinogenic substance or a mutagenic substance of germ cells or a toxic substance of reproduction, such substances or mixtures accounting for more than 1% of their weight, regardless of their total annual operation, shall be reported to the central competent authority for reference, and shall be separately stated in the remarks.
Note 2: The chemicals specified in paragraph 2 of Article 2 of these Measures contain mixtures of more than 1% of the weight of the above listed substances."

附件 2 優先管理化學品之指定及運作管理辦法第 2 條第 3 款指定之化學品

Annex 2 Priority Management of Chemicals Designated and Operational Management Procedures for Chemicals specified in Section 3 of Article 2

序號	CAS No.	English Name	中文名稱	備註	Limit	notes from REC
1	685-63-2	1,1,2,3,4,4-Hexafluoro-1,3-butadiene	1,1,2,3,4,4-六氟-1,3-丁二烯		1% by Weight	
2	3006-86-8	1,1-Di(t-butylperoxy)cyclohexane	1,1-二(三級丁基過氧)環己烷		1% by Weight	
3	6731-36-8	1,1-Di-(tert-butyl peroxy)-3,3,5-trimethylcyclohexane	1,1-二(三級丁基過氧)-3,3,5-三甲基環己烷		1% by Weight	
4	75-37-6	1,1-Difluoroethane	1,1-二氟乙烷		1% by Weight	
5	75-38-7	1,1-Difluoroethylene	1,1-二氟乙烯		1% by Weight	
6	540-59-0	1,2-Dichloroethylene	1,2-二氯乙烯		1% by Weight	
7	25155-25-3	1,4-Di-(2-tert-butylperoxyisopropyl) benzene	1,4-二(二-三級丁基過氧異丙基)苯		1% by Weight	
8	25167-67-3	1-Butene	1-丁烯		1% by Weight	
9	109-67-1	1-Pentene	1-戊烯		1% by Weight	
10	616-23-9	2,3-Dichloro-1-propanol	2,3-二氯-1-丙醇		1% by Weight	
11	118-79-6	2,4,6-Tribromophenol	2,4,6-三溴酚		1% by Weight	
12	1879-09-0	2,4-Dimethyl-6-tert-butylphenol	2,4-二甲基-6-三級丁基苯酚		1% by Weight	

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附件 1 優先管理化學品之指定及運作管理辦法第 2 條第 2 款指定之化學品						
Annex 1 Priority Management of Chemicals Designated and Operational Management Procedures for Chemicals specified in Paragraph 2 of Article 2						
13	123-54-6	2,4-Pentanedione	2,4-戊二酮		1% by Weight	
14	78-92-2	2-Butanol	2-丁醇		1% by Weight	
15	75-29-6	2-Chloropropane	2-氯丙烷		1% by Weight	
16	557-98-2	2-Chloropropene	2-氯丙烯		1% by Weight	
17	75-86-5	2-Hydroxy-isobutyronitrile	2-羥基異丁腈		1% by Weight	
18	583-39-1	2-Mercaptobenzimidazole	2-巯苯并咪唑		1% by Weight	
19	16219-75-3	5-Ethylidene-2-nornene	5-亞乙基-2-降冰片烯		1% by Weight	
20	67-64-1	Acetone	丙酮		1% by Weight	
21	74-86-2	Acetylene	乙炔		1% by Weight	
22	107-11-9	Allyamine	烯丙胺		1% by Weight	
23	96-05-9	Allyl methacrylate	甲基丙烯酸烯丙酯		1% by Weight	
24	12125-01-8	Ammonium fluoride	氟化銨		1% by Weight	
25	78-67-1	Azodiisobutyronitrile	偶氮二異丁腈		1% by Weight	
26	10361-37-2	Barium chloride	氯化銨		1% by Weight	
27	100-47-0	Benzonitrile	苯甲腈		1% by Weight	
28	94-36-0	Benzoyl peroxide	過氧化二苯甲醯		1% by Weight	
29	106-97-8	Butane	丁烷		1% by Weight	
30	123-86-4	Butyl acetate	乙酸丁酯		1% by Weight	
31	590-18-1	cis-2-Butene	順-2-丁烯		1% by Weight	
32	91-64-5	Coumarin	香豆素		1% by Weight	
33	108-93-0	Cyclohexanol	環己醇		1% by Weight	
34	68479-98-1	Diethyltoluenediamine	二乙基甲苯二胺		1% by Weight	
35	75-10-5	Difluoromethane	二氟甲烷		1% by Weight	
36	624-92-0	Dimethyl disulfide	二硫二甲烷		1% by Weight	
37	115-10-6	Dimethyl ether	二甲醚		1% by Weight	
38	628-96-6	Dinitroethyleneglycol	二硝基乙二醇		1% by Weight	
39	74-84-0	Ethane	乙烷		1% by Weight	
40	141-78-6	Ethyl acetate	乙酸乙酯		1% by Weight	
41	60-29-7	Ethyl ether	乙醚		1% by Weight	
42	75-08-1	Ethyl mercaptan	乙硫醇		1% by Weight	
43	74-85-1	Ethylene	乙烯		1% by Weight	
44	2807-30-9	Ethylene glycol propyl ether	乙二醇丙基醚		1% by Weight	
45	1333-74-0	Hydrogen gas	氫氣		1% by Weight	REC Product. Intentionally contains this Chemical.
46	7783-06-4	Hydrogen sulfide	硫化氫		1% by Weight	
47	7782-61-8	Iron trinitrate nonahydrate	硝酸鐵九水合物		1% by Weight	
48	123-51-3	Isoamyl alcohol	異戊醇		1% by Weight	
49	75-28-5	Isobutane	異丁烷		1% by Weight	
50	110-19-0	Isobutyl acetate	乙酸異丁酯		1% by Weight	
51	115-11-7	Isobutylene	異丁烯		1% by Weight	
52	78-78-4	Isopentane	異戊烷		1% by Weight	
53	108-21-4	Isopropyl acetate	乙酸異丙酯		1% by Weight	
54	67-63-0	Isopropyl alcohol	異丙醇		1% by Weight	
55	7439-95-4	Magnesium powder	鎂粉		1% by Weight	
56	10265-92-6	Methamidophos	甲胺磷		1% by Weight	
57	74-82-8	Methane	甲烷		1% by Weight	
58	16752-77-5	Methomyl	滅多威		1% by Weight	
59	79-20-9	Methyl acetate	乙酸甲酯		1% by Weight	
60	78-93-3	Methyl ethyl ketone	丁酮		1% by Weight	
61	107-31-3	Methyl formate	甲酸甲酯		1% by Weight	
62	126-98-7	Methylacrylonitrile	甲基丙烯腈		1% by Weight	
63	25639-42-3	Methylcyclohexanol	甲基環己醇		1% by Weight	
64	583-60-8	Methylcyclohexanone	甲基環己酮		1% by Weight	
65	64475-85-0	Mineral spirit (Mineral thinner, petroleum spirit, white spirit)	礦油精		1% by Weight	
66	3710-84-7	N,N-Diethylhydroxylamine	N,N-二乙基脛胺		1% by Weight	
67	7783-54-2	Nitrogen trifluoride	三氟化氮		1% by Weight	
68	10024-97-2	Nitrous oxide	一氧化二氮		1% by Weight	
69	91-15-6	o-Phthalodinitrile	鄰-二腈苯		1% by Weight	
70	7782-44-7	Oxygen gas	氧氣		1% by Weight	
71	1910-42-5	Paraquat dichloride	二氧百草枯		1% by Weight	
72	100-02-7	p-Nitrophenol	對硝基酚		1% by Weight	
73	74-98-6	Propane	丙烷		1% by Weight	
74	109-60-4	Propyl acetate	乙酸丙酯		1% by Weight	
75	115-07-1	Propylene	丙烯		1% by Weight	
76	4080-31-3	Quaternium-15	四級銨鹽-15		1% by Weight	
77	106-51-4	Quinone	醌		1% by Weight	
78	7803-62-5	Silicon hydride (Silane)	四氫化矽		1% by Weight	REC Product. Intentionally contains this Chemical.
79	7775-09-9	Sodium chlorate	氯酸鈉		1% by Weight	
80	7775-14-6	Sodium dithionite	二亞硫酸鈉		1% by Weight	

CHINA MINISTRY OF LABOR Notice is hereby given, for the stipulation to revise the list of designated chemicals regulated by Article 2 of "Regulations Governing Designating and Handling of Priority Management Chemicals" (stipulation shall become effective from 1st, April 2022)

Source: <https://gazette.nat.gov.tw/egFront/detail.do?metaid=130052&log=detailLog>

Date of Last Update to List: 11/27/2022

附件 1 優先管理化學品之指定及運作管理辦法第 3 條第 3 款指定之化學品					
Annex 1 Priority Management of Chemicals Designated and Operational Management Procedures for Chemicals specified in Paragraph 2 of Article 2					
81	7632-00-0	Sodium nitrite	亞硝酸鈉	1% by Weight	
82	3006-82-4	t-Butyl peroxy-2-ethylhexanoate	過氧-2-乙基己酸三級丁酯	1% by Weight	
83	26748-41-4	t-Butyl peroxyneodecanoate	過氧新癩酸三級丁酯	1% by Weight	
84	614-45-9	tert-Butyl peroxybenzoate	過氧苯甲酸三級丁酯	1% by Weight	
85	75-76-3	Tetramethylsilane	四甲基矽烷	1% by Weight	
86	624-64-6	trans-2-Butene	反-2-丁烯	1% by Weight	
87	87-90-1	Trichloroisocyanuric acid	三氯異三聚氰酸	1% by Weight	
88	1445-79-0	Trimethylgallium	三甲基鎵	1% by Weight	
89	3385-78-2	Trimethylindium	三甲基銦	1% by Weight	
90	8006-64-2	Turpentine	松節油	1% by Weight	
91	7440-66-6	Zinc powder	鋅粉	1% by Weight	
92	13361-32-5	Allyl cyanoacetate	氰乙酸烯丙酯	1% by Weight	
93	13963-57-0	Aluminum acetylacetonate	乙醯丙酮鋁	1% by Weight	
94	15545-97-8	2,2'-Azobis(4-methoxy-2,4-dimethylpentanenitrile)	2,2'-偶氮雙(4-甲氧基-2,4-二甲基戊腈)	1% by Weight	
95	10326-27-9	Barium chloride, dihydrate	氯化鋇二水合物	1% by Weight	
96	12069-69-1	Basic copper carbonate	鹼式碳酸銅	1% by Weight	
97	366-18-7	Bipyridine	聯吡啶	1% by Weight	
98	553-26-4	4,4'-Bipyridyl	4,4'-聯吡啶	1% by Weight	
99	895-85-2	Bis(4-methylbenzoyl)peroxide	雙(4-甲基苯甲酰基)過氧化物	1% by Weight	
100	13122-18-4	tert-Butyl 3,5,5-trimethylperoxyhexanoate	3,5,5-三甲基過氧己酸三級丁酯	1% by Weight	
101	97-88-1	Butyl methacrylate	甲基丙烯酸丁酯	1% by Weight	
102	107-71-1	tert-Butyl peracetate	過氧乙酸三級丁酯	1% by Weight	
103	63-25-2	Carbaryl	加保利	1% by Weight	
104	55285-14-8	Carbosulfan	丁基加保扶	1% by Weight	
105	15263-52-2	Cartap	培丹	1% by Weight	
106	6283-25-6	2-Chloro-5-nitroaniline	2-氯-5-硝基苯胺	1% by Weight	
107	69-09-0	Chlorpromazine hydrochloride	氯丙嗪鹽酸鹽	1% by Weight	
108	10380-28-6	Copper 8-quinolinol	快得寧	1% by Weight	
109	56-72-4	Coumaphos	蠟毒磷	1% by Weight	
110	294-93-9	12-Crown-4	12-冠醚-4	1% by Weight	
111	10031-43-3	Cupric nitrate trihydrate	硝酸銅	1% by Weight	
112	110-82-7	Cyclohexane	環己烷	1% by Weight	
113	52315-07-8	Cypermethrin	賽滅寧	1% by Weight	
114	24424-99-5	Di(tert-butyl) carbonate	貳(三級丁基)碳酸酯	1% by Weight	
115	999-21-3	Diallyl maleate	順丁烯二酸二烯丙基酯	1% by Weight	
116	131-17-9	Diallyl phthalate	鄰苯二甲酸二烯丙酯	1% by Weight	
117	19287-45-7	Diborane	二硼烷	1% by Weight	
118	608-33-3	2,6-Dibromophenol	2,6-二溴苯酚	1% by Weight	
119	34893-92-0	1,3-Dichloro-5-isocyanatobenzene	1,3-二氯-5-異氰酸基苯	1% by Weight	
120	2893-78-9	Dichloroisocyanuric acid, sodium salt	二氯異三聚氰酸鈉鹽	1% by Weight	
121	91-66-7	N,N-Diethylaniline	N,N-二乙基苯胺	1% by Weight	
122	627-54-3	Diethyl telluride	二乙基碲	1% by Weight	
123	4074-88-8	Diethylene glycol diacrylate	二甘醇二丙烯酸酯	1% by Weight	
124	624-48-6	Dimethyl maleate	順丁烯二酸二甲酯	1% by Weight	
125	78-63-7	2,5-Dimethyl-2,5-di(tert-butylperoxy)hexane	2,5-二甲基-2,5-貳(三級丁基過氧)己烷	1% by Weight	
126	71750-79-3	Dimethylsiloxane, 3-[2-(aminoethyl)amino]propyl methyl	3-[2-(胺乙基)胺基]丙基甲基二甲基矽氧烷	1% by Weight	
127	106842-44-8	Dimethylsiloxane, 3-[(2-aminoethyl)amino]-2-isobutyl methyl	3-[2-(胺乙基)胺基]-2-異丁基甲基二甲基矽氧烷	1% by Weight	
128	1590-87-0	Disilane	二矽烷	1% by Weight	REC Product. Intentionally contains this Chemical.
129	563-12-2	Ethion	愛殺松	1% by Weight	
130	78-27-3	1-Ethynylcyclohexanol	1-乙炔基環己醇	1% by Weight	
131	7782-65-2	Germanium tetrahydride	四氫化鍺	1% by Weight	
132	465-73-6	Isodrin	異艾劑	1% by Weight	
133	12108-13-3	Manganese 2-methylcyclopentadienyl tricarbonyl	三羰基-2-甲基環戊二烯基錳	1% by Weight	
134	2032-65-7	Mercaptodimethur	滅爾克	1% by Weight	
135	2935-90-2	Methyl 3-mercaptopropionate	3-巰基丙酸甲酯	1% by Weight	
136	74-99-7	Methyl acetylene	甲基乙炔	1% by Weight	
137	80-62-6	Methyl methacrylate	甲基丙烯酸甲酯	1% by Weight	
138	563-45-1	3-Methyl-1-butene	3-甲基-1-丁烯	1% by Weight	
139	2820-51-1	Nicotine hydrochloride	菸鹼鹽酸鹽	1% by Weight	
140	1113-02-6	Omethoate	歐滅松	1% by Weight	
141	301-12-2	Oxydemeton-methyl	滅多松	1% by Weight	
142	591-93-5	1,4-Pentadiene	1,4-戊二烯	1% by Weight	
143	109-66-0	Pentane	戊烷	1% by Weight	
144	51630-58-1	Phenvalerate	芬化利	1% by Weight	
145	92-43-3	1-Phenyl-3-pyrazolidone	1-苯基-3-吡唑啉酮	1% by Weight	
146	7758-05-6	Potassium iodate	碘酸鉀	1% by Weight	
147	7758-09-0	Potassium nitrite	亞硝酸鉀	1% by Weight	
148	107-98-2	Propylene glycol monomethyl ether	丙二醇甲醚	1% by Weight	
149	108-65-6	Propylene glycol monomethyl ether acetate	丙二醇甲醚乙酸酯	1% by Weight	

CHINA MINISTRY OF LABOR Notice is hereby given, for the stipulation to revise the list of designated chemicals regulated by Article 2 of "Regulations Governing Designating and Handling of Priority Management Chemicals" (stipulation shall become effective from 1st, April 2022)

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Date of Last Update to List: 11/27/2022

附件 1 優先管理化學品之指定及運作管理辦法第 2 條第 2 款指定之化學品				
Annex 1 Priority Management of Chemicals Designated and Operational Management Procedures for Chemicals specified in Paragraph 2 of Article 2				
150	130-86-9	Protopine	原阿片鹼	1% by Weight
151	7601-89-0	Sodium perchlorate	過氯酸鈉	1% by Weight
152	3689-24-5	Sulfotep	硫特普	1% by Weight
153	13071-79-9	Terbufos	托福松	1% by Weight
154	21564-17-0	2-(Thiocyanatomethylthio)benzothiazole	2-(異硫基甲硫基)苯并噻唑	1% by Weight
155	545-06-2	Trichloroacetoneitrile	三氯乙腈	1% by Weight
156	41814-78-2	Tricyclazole	三環唑	1% by Weight
157	420-46-2	1,1,1-Trifluoroethane	1,1,1-三氟乙烷	1% by Weight
158	603-36-1	Triphenylantimony	三苯基錒	1% by Weight
159	557-75-5	Vinyl alcohol	乙烯醇	1% by Weight
160	107-25-5	Vinyl methyl ether	乙烯基甲基醚	1% by Weight
161	95-47-6	o-Xylene	鄰二甲苯	1% by Weight
162	108-38-3	m-Xylene	間二甲苯	1% by Weight
163	106-42-3	p-Xylene	對二甲苯	1% by Weight

註：依本辦法第 2 條第 3 款指定之化學品，含危害成分具上述列舉物之混合物。

Note: The chemicals specified in paragraph 3 of Article 2 of these Measures contain mixtures of hazardous ingredients with the above listed substances.

Source: <https://echa.europa.eu/candidate-list-table>

Date of Last Update to List: 11/27/2022

Substance name	Source	Reference	EC No.	CAS No.	Date of inclusion	Limit	notes from
AZO based materials	A-RM005-03-103	A8			11/27/2022	Not intentionally added	
Certain Ethylene Glycol Ethers (including Ethylene glycol dimethyl ether (EGDME))	A-RM005-03-103	A9			11/27/2022	Not intentionally added	
Hexabromocyclododecane (HBCDD)	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	0.1% by weight (w/w)	
Other brominated organic compounds	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	0.09% by weight (w/w)	
Polychlorinated terphenyls (PCT)	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	0.005% by weight (w/w)	
Tris(2-chloroethyl) phosphate (TCEP), Tris(2-chloro-1-methylethyl) phosphate (TCPP), Tris(1,3-dichloro-2-propyl) phosphate (TDCPP)	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	0.1% by weight (w/w)	
Perchlorates	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	0.006 ppm	
Polyvinyl chloride (PVC) and PVC blends	A-RM005-03-103	A16			11/27/2022	Intentionally added	
Other chlorinated organic compounds	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	0.09% by weight (w/w)	
Hydrofluorocarbon (HFC), Perfluorocarbon (PFC), Sulfur hexafluoride (SF6)	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	Intentionally added	
Hydrochlorofluorocarbons (HCFC)	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	Intentionally added	
Perfluorooctane sulfonates (PFOS)	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	Intentionally added	
Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	0.1% by weight (w/w)	
Dibutyltin (DBT) compounds	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	0.1% by weight (w/w)	
Diocetyl tin (DOT) compounds	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	0.1% by weight (w/w)	
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTe)	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	0.1% by weight (w/w)	
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[[2-ethylhexyl]oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTe and MOTe)	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	0.1% by weight (w/w)	
Beryllium and its compounds (including Beryllium oxide and Beryllium copper)	A-RM005-03-103	A22			11/27/2022	0.1% by weight (w/w)	
Cobalt dichloride	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	Intentionally added	
Diarsenic trioxide, Diarsenic pentaoxide	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	0.1% by weight (w/w)	
Bis (2-ethylhexyl)phthalate, Dibutyl phthalate, Benzyl butyl phthalate, Diisobutyl phthalate	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	0.1% by weight (w/w)	
Di-isononyl phthalate, Di-isodecyl phthalate, Di-n-octyl phthalate, Di-n-hexyl phthalate, 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich, 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters, Bis(2-methoxyethyl) phthalate, Diisopentylphthalate, 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear, N-pentyl-isopentylphthalate, Dipentyl phthalate, "1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear"	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	0.1% by weight (w/w)	
Formaldehyde	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	Intentionally added	
Benzenamine, N-phenyl-, reaction products with styrene and 2,4,4-trimethylpentene (BNST)	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	Intentionally added	
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	Intentionally added	
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	0.1% by weight (w/w)	
Dimethyl fumarate (DMF)	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	0.1% by weight (w/w)	
Polycyclic aromatic hydrocarbons (PAHs)	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	0.0001% by weight (w/w)	
Boric acid, specific sodium borates	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	0.1% by weight (w/w)	
4-(1,1,3,3-tetramethylbutyl) phenol	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	0.1% by weight (w/w)	
Bis(2-methoxyethyl) ether	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	0.1% by weight (w/w)	
N,N-dimethylacetamide (DMAC)	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	0.1% by weight (w/w)	
Trixylyl phosphate (TXP)	SS-00259 (14th Edition)	SS-00259 (14th Edition)			8/1/2015	0.1% by weight (w/w)	
Phenol, isopropylated phosphate (3:1) (PIP (3:1))	A-RM005-03-103	A24			11/27/2022	Not intentionally added	
2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP)	A-RM005-03-103	A25			11/27/2022	Not intentionally added	
Hexachlorobutadiene (HCBD)	A-RM005-03-103	A26			11/27/2022	Not intentionally added	
Pentachlorothiophenol (PCTP)	A-RM005-03-103	A27			11/27/2022	Not intentionally added	
Perfluorooctyl sulfonates and other long chain Perfluoroalkyl sulfonate (PFAS): Rf-Sulfonate-Hetero atom (typically N or O), Rf: CnF2n+1, where n>=8	A-RM005-03-103	A28			11/27/2022	Not intentionally added	
Perfluorooctanoic acid, and other long chain Perfluoroalkyl carboxylate (PFAC): Rf-Carboxylate-Hetero atom (typically N or O), Rf: CnF2n+1, where n>=7	A-RM005-03-103	A29			11/27/2022	Not intentionally added	
Perfluorocarboxylic acids containing 9 to 14 carbon atoms in the chain (C9-C14 PFCAs), their salts and C9-C14 PFCA-related substances	A-RM005-03-103	A30			11/27/2022	Not intentionally added	
Perfluorohexane-1-sulphonic acid (PFHxS), Perfluorohexanoic acid (PFHxA), their salts or related substances	A-RM005-03-103	A31			11/27/2022	Not intentionally added	
C5-C7 Perfluoroalkyl substances (PFASs):	A-RM005-03-103	A32			11/27/2022	Not intentionally added	
Tetramethylammonium Hydroxide (TMAH)	A-RM005-03-103	C-1		75-59-2	11/27/2022	<2.38%	