

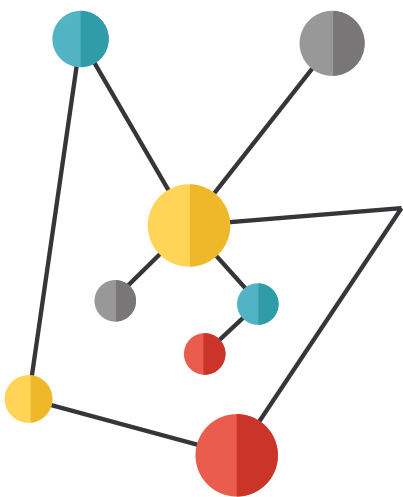
DEPARTMENT OF OCCUPATIONAL SAFETY AND HEALTH
MINISTRY OF HUMAN RESOURCES MALAYSIA



INDUSTRY CODE OF PRACTICE

ON CHEMICALS CLASSIFICATION
AND HAZARD COMMUNICATION
(AMENDMENT) 2019
PART 1

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PART 1**



FOREWORD

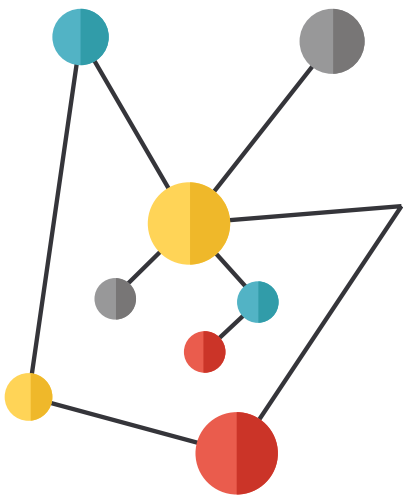
The Industry Code of Practice on Chemical Classification and Hazard Communication (Amendment) 2019 is promulgated under Section 37 of Occupational Safety and Health Act 1994 (OSHA 1994) as a guidance to chemical suppliers to comply with the provisions of Part II of Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013 [P.U. (A) 310/2013] which have been gazetted on 11 October 2013, hereinafter is referred to as “the Regulations”. The Regulations is to replace Occupational Safety and Health (Classification, Packaging and Labelling of Hazardous Chemical) Regulations 1997 [P.U. (A) 143/1997].

The implementation of the Regulations is consistent with Malaysia’s commitment in implementing the Globally Harmonised System for Classification and Labelling of Chemicals (GHS) for industrial workplace sector especially in supplying chemicals for use at work in Malaysia. This ICOP is a legally binded document to fulfil the requirements under the Regulations.

This ICOP contains a list of chemical substances that have been classified which include previous and new classified chemicals. The classification of previous classified chemicals have been reviewed based on the current available information and data. This classified chemicals list will be updated from time to time.

Director General

Department of Occupational Safety and Health Malaysia
October 2019



ACKNOWLEDGEMENT

The Department of Occupational Safety and Health (DOSH) wishes to thank and acknowledge the following Drafting Committee and distinguished individuals for their contributions in the preparation of this ICOP.

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PART 1 LIST OF CLASSIFIED CHEMICALS

PART 1

LIST OF CLASSIFIED CHEMICALS

This Part contains a list of chemicals which have been classified under the Regulations. The list consists of the hazard classification and related labelling elements.

For listed chemicals, the principal supplier shall classify chemicals according to the classification specified in the list as required under sub-regulation 4(1) of the Regulations. The classification specified in the list, is a minimum classification for the chemicals. If the principal supplier has data or other information that lead to classification of additional hazard class or more severe category compared to the minimum classification, the principal supplier may classify accordingly.

The principal supplier shall submit to Director General the relevant information and data to support the exclusion of any hazard class or classification of less severe category compared to minimum classification specified.

The hazard classification for each chemical is specified under column *Classification*. Under column *Labelling*, the hazard statement code (H-code), signal word, and hazard pictogram for each chemical have been determined accordingly, and which the supplier is required to put on the labels for hazardous chemicals.

For full list of H-codes and corresponding hazard statements refer to Appendix 3.1, Industry Code of Practice on Chemicals Classification and Hazard Communication.

NOTE

- (a) State the target organ.
- (b) If the specific effect is not known, the general H-code H360 or H361 may be used.
- (c) State the category (compressed gas, liquefied gas, dissolved gas or refrigerated liquefied gas).
- (d) For gases under pressure, state the relevant H-code based on its hazard category.
- (e) Classification is only applicable for health hazard. Supplier need to determine classification of physical hazard.
- (f) The entry might be assigned to a different (also higher) category or even another hazard class than indicated.
- (g) Classification is applicable unless supplier has data indicating different classification.
- (h) Concentration limit set in accordance Part 1, take precedence of concentration limit of the relevant hazard class set in Part 2. State the concentration of acid/base on label and SDS as product identifier.

Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

(R¹) Revised classification / chemical name / hazard statements. from Part 1 Industry Code of Practice on Chemical Classification and Hazard Communication 2014.

C.I. – Colour Index

CNS - Central Nervous System

inh - inhalation

resp. system - respiratory system



Classification Code	Hazard Classification
Unst. Expl. Expl. 1.1 Expl. 1.2 Expl. 1.3 Expl. 1.4 Expl. 1.5 Expl. 1.6	Unstable explosives Explosives division 1.1 Explosives division 1.2 Explosives division 1.3 Explosives division 1.4 Explosives division 1.5 Explosives division 1.6
Flam. Gas 1 Flam. Gas 2	Flammable gases category 1 Flammable gases category 2
Flam. Aerosol 1 Flam. Aerosol 2	Flammable aerosols category 1 Flammable aerosols category 2
Flam. Liq. 1 Flam. Liq. 2 Flam. Liq. 3	Flammable liquids category 1 Flammable liquids category 2 Flammable liquids category 3
Flam. Sol. 1 Flam. Sol. 2	Flammable solids category 1 Flammable solids category 2
Ox. Gas 1	Oxidizing gases category 1
Ox. Liq. 1 Ox. Liq. 2 Ox. Liq. 3	Oxidizing liquids category 1 Oxidizing liquids category 2 Oxidizing liquids category 3
Ox. Sol. 1 Ox. Sol. 2 Ox. Sol. 3	Oxidizing solids category 1 Oxidizing solids category 2 Oxidizing solids category 3
Press. Gas	Gases under pressure
Self-react. A Self-react. B Self-react. C Self-react. D Self-react. E Self-react. F Self-react. G	Self-reactive chemicals type A Self-reactive chemicals type B Self-reactive chemicals type C Self-reactive chemicals type D Self-reactive chemicals type E Self-reactive chemicals type F Self-reactive chemicals type G
Pyr. Liq. 1	Pyrophoric liquids category 1
Pyr. Sol. 1	Pyrophoric solids category 1
Self-heat. 1 Self-heat. 2	Self-heating chemicals category 1 Self-heating chemicals category 2
Water-react. 1 Water-react. 2 Water-react. 3	Chemicals which, if in contact with water, emits flammable gases category 1 Chemicals which, if in contact with water, emits flammable gases category 2 Chemicals which, if in contact with water, emits flammable gases category 3
Org. Perox. A Org. Perox. B Org. Perox. C Org. Perox. D Org. Perox. E Org. Perox. F Org. Perox. G	Organic peroxides type A Organic peroxides type B Organic peroxides type C Organic peroxides type D Organic peroxides type E Organic peroxides type F Organic peroxides type G

Classification Code	Hazard Classification
Met. Corr. 1	Corrosive to metals category 1
Acute Tox. 1 Acute Tox. 2 Acute Tox. 3 Acute Tox. 4	Acute toxicity category 1 Acute toxicity category 2 Acute toxicity category 3 Acute toxicity category 4
Skin Corr. 1 Skin Corr. 1A Skin Corr. 1B Skin Corr. 1C Skin Irrit. 2	Skin corrosion or irritation category 1 Skin corrosion or irritation category 1A Skin corrosion or irritation category 1B Skin corrosion or irritation category 1C Skin corrosion or irritation category 2
Eye Dam. 1 Eye Irrit. 2	Serious eye damage or eye irritation category 1 Serious eye damage or eye irritation category 2
Resp. Sens. 1 Skin Sens. 1	Respiratory sensitization category 1 Skin sensitization category 1
Muta. 1A Muta. 1B Muta. 2	Germ cell mutagenicity category 1A Germ cell mutagenicity category 1B Germ cell mutagenicity category 2
Carc. 1A Carc. 1B Carc. 2	Carcinogenicity category 1A Carcinogenicity category 1B Carcinogenicity category 2
Repr. 1A Repr. 1B Repr. 2 Lact.	Reproductive toxicity category 1A Reproductive toxicity category 1B Reproductive toxicity category 2 Effect on or via lactation
STOT SE 1 STOT SE 2 STOT SE 3	Specific target organ toxicity – single exposure category 1 Specific target organ toxicity – single exposure category 2 Specific target organ toxicity – single exposure category 3
STOT RE 1 STOT RE 2	Specific target organ toxicity – repeated exposure category 1 Specific target organ toxicity – repeated exposure category 2
Asp. Haz. 1	Aspiration hazard category 1
Aquatic Acute 1 Aquatic Chronic 1 Aquatic Chronic 2 Aquatic Chronic 3 Aquatic Chronic 4	Hazardous to the aquatic environment – acute hazard category 1 Hazardous to the aquatic environment – chronic hazard category 1 Hazardous to the aquatic environment – chronic hazard category 2 Hazardous to the aquatic environment – chronic hazard category 3 Hazardous to the aquatic environment – chronic hazard category 4
Ozone 1	Hazardous to the ozone layer category 1

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
1	acetaldehyde; ethanal	75-07-0	Flam. Liq. 1 Carc. 1B Eye Irrit. 2 STOT SE 3 Muta. 2	H224 H350 H319 H335 H341	Danger	H224 H350 H319 H335 H341	
2	acetic acid ^{(R1), (H)} (i) C ≥ 90%	64-19-7	Flam. Liq. 3 Skin Corr. 1A Eye Dam. 1	H226 H314 H318	Danger	H226 H314	
	(ii) 25% ≤ C < 90% ^(e)		Skin Corr. 1B Eye Dam. 1	H314 H318	Danger	H314	
	(iii) 10% ≤ C < 25% ^(e)		Skin Irr. 2 Eye Irr. 2	H315 H319	Warning	H315 H319	
3	acetic anhydride	108-24-7	Flam. Liq. 3 Acute Tox. 4 (inh) Acute Tox. 4 (oral) Skin Corr. 1B Eye Dam. 1	H226 H332 H302 H314 H318	Danger	H226 H302+H332 H314	
4	acetone; propan-2-one; propanone	67-64-1	Flam. Liq. 2 Eye Irrit. 2 STOT SE 3	H225 H319 H336	Danger	H225 H319 H336	
5	acetonitrile; cyanomethane	75-05-8	Flam. Liq. 2 Acute Tox. 4 (oral) Acute Tox. 4 (inh) Acute Tox. 4 (dermal) Eye Irrit. 2	H225 H302 H312 H332 H319	Danger	H225 H302+H312+H332 H319	
6	acrolein ^(R1) ; acrylaldehyde; prop-2-enal	107-02-8	Flam. Liq. 2 Acute Tox. 1 (inh) Acute Tox. 3 (dermal) Acute Tox. 2 (oral) Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	H225 H330 H311 H300 H314 H318 H400 H410	Danger	H225 H300+H330 H311 H314 H410	
7	acrylamide; prop-2-enamide	79-06-1	Carc. 1B Muta. 1B Repr. 2 Acute Tox. 3 (oral) STOT RE 1 Acute Tox. 4 (inh) Acute Tox. 4 (dermal) Eye Irrit. 2 Skin Irrit. 2 Skin Sens. 1	H350 H340 H361f H301 H372 ^(a) H332 H312 H319 H315 H317	Danger	H350 H340 H361f H301 H372 ^(a) H312+H332 H319 H315 H317	
8	acrylic acid; prop-2-enoic acid	79-10-7	Flam. Liq. 3 Acute Tox. 4 (inh) Acute Tox. 4 (dermal) Acute Tox. 4 (oral) Skin Corr. 1A Eye Dam. 1 Aquatic Acute 1	H226 H332 H312 H302 H314 H318 H400	Danger	H226 H302+H312+H332 H314 H400	
9	acrylonitrile	107-13-1	Flam. Liq. 2 Carc. 1B Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) STOT SE 3 Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1 Aquatic Chronic 2	H225 H350 H331 H311 H301 H335 H315 H318 H317 H411	Danger	H225 H350 H301+H311+H331 H335 H315 H318 H317 H411	

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
10	aldrin (ISO)	309-00-2	Carc. 2 Acute Tox. 3 (dermal) Acute Tox. 3 (oral) STOT RE 1 Aquatic Acute 1 Aquatic Chronic 1	H351 H311 H301 H372 ^(a) H400 H410	Danger	H351 H301+H311 H372 ^(a) H410	  
11	allyl chloride; 3-chloropropene	107-05-1	Flam. Liq. 2 Carc. 2 Muta. 2 Acute Tox. 4 (inh) Acute Tox. 4 (dermal) Acute Tox. 4 (oral) STOT RE 2 Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Aquatic Acute 1	H225 H351 H341 H332 H312 H302 H373 ^(a) H319 H335 H315 H400	Danger	H225 H351 H341 H302+H312+H332 H373 ^(a) H319 H335 H315 H400	   
12	allyl glycidyl ether; allyl 2,3-epoxypropyl ether; prop-2-en-1-yl 2,3-epoxypropyl ether	106-92-3	Flam. Liq. 3 Carc. 2 Muta. 2 Repr. 2 Acute Tox. 4 (inh) Acute Tox. 4 (oral) STOT SE 3 Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1 Aquatic Chronic 3	H226 H351 H341 H361f H332 H302 H335 H315 H318 H317 H412	Danger	H226 H351 H341 H361f H302+ H332 H335 H315 H318 H317 H412	   
13	aluminium chloride, anhydrous	7446- 70-0	Skin Corr. 1B Eye Dam. 1	H314 H318	Danger	H314	
14	aluminium lithium hydride	16853- 85-3	Water-react. 1 Skin Corr. 1A Eye Dam. 1	H260 H314 H318	Danger	H260 H314	 
15	aluminium phosphide	20859- 73-8	Water-react. 1 Acute Tox. 1 (inh) Acute Tox. 2 (oral) Acute Tox. 3 (dermal) Aquatic Acute 1	H260 H330 H300 H311 H400	Danger	H260 H300+H330 H311 H400	  
16	aluminium powder (pyrophoric) ^(R1)	7429- 90-5	Water-react. 2 Pyr. Sol. 1	H261 H250	Danger	H261 H250	
17	aluminium powder (stabilised) ^(R1)	7429- 90-5	Water-react. 2 Flam. Sol. 1	H261 H228	Danger	H261 H228	
18	aluminium magnesium zinc carbonate hydroxide	169314- 88-9	Aquatic Chronic 4	H413	No signal word	H412	No hazard pictogram
19	1-amino-2-methyl- 2-propanethiol hydrochloride	32047- 53-3	Acute Tox. 4 (oral) Skin Corr. 1B Eye Dam. 1 Skin Sens. 1 Aquatic Chronic 3	H302 H314 H318 H317 H412	Danger	H302 H314 H317 H412	 
20	3-amino-4-hydroxy- N-(2-methoxyethyl)- benzenesulfonamide	112195- 27-4	Eye Dam. 1 Skin Sens. 1 Aquatic Chronic 2	H318 H317 H411	Danger	H318 H317 H411	  
21	(2-(aminomethyl) phenyl)acetylchloride hydrochloride	61807- 67-8	Acute Tox. 4 (oral) Skin Corr. 1A Eye Dam. 1 Skin Sens. 1	H302 H314 H318 H317	Danger	H302 H314 H317	 



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
22	ammonia, anhydrous ^(R1)	7664-41-7	Flam. Gas 2 Press. Gas ^(c) Acute Tox. 3 (inh) Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1	H221 H280/281 ^(d) H331 H314 H318 H400	Danger	H221 H280/281 ^(d) H331 H314 H400	
23	ammonia aqueous solution; ammonium hydroxide	1336-21-6	Skin Corr. 1B Eye Dam. 1 STOT SE 3 Aquatic Acute 1	H314 H318 H335 H400	Danger	H314 H335 H400	
24	ammonium bifluoride; ammonium hydrogen difluoride	1341-49-7	Acute Tox. 3 (oral) Skin Corr. 1B Eye Dam. 1	H301 H314 H318	Danger	H301 H314	
25	ammonium bis(1-(3,5-dinitro-2-oxidophenylazo)-3-(N-phenylcarbamoyl)-2-naphtholato)chromate(1-)	109125-51-1	Self-react. C ^(f) Aquatic Acute 1 Aquatic Chronic 1	H242 H400 H410	Danger	H242 H410	
26	ammonium chloride	12125-02-9	Acute Tox. 4 (oral) Eye Irrit. 2	H302 H319	Warning	H302 H319	
27	ammonium dichromate	7789-09-5	Ox. Sol. 2 ^(f) Carc. 1B Muta. 1B Repr. 1B Acute Tox. 2 (inh) Acute Tox. 3 (oral) STOT RE 1 Acute Tox. 4 (dermal) Skin Corr. 1B Eye Dam. 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H272 H350 H340 H360FD H330 H301 H372 (resp. system) H312 H314 H334 H317 H410	Danger	H272 H350 H340 H360FD H330 H301 H372 (resp. system) H312 H314 H334 H317 H410	
28	ammonium fluoride	12125-01-8	Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral)	H331 H311 H301	Danger	H301+H311+H331	
29	ammonium perchlorate;	7790-98-9	Expl. 1.1 Ox. Sol. 1	H201 H271	Danger	H201 H271	
30	ammonium polysulphides	9080-17-5	Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1	H314 H318 H400	Danger	H314 H400	
31	n-amyl acetate; pentyl acetate	628-63-7	Flam. Liq. 3	H226	Warning	H226	
32	sec-amyl acetate; 1-methylbutyl acetate	626-38-0	Flam. Liq. 3	H226	Warning	H226	
33	amyl nitrite	110-46-3	Flam. Liq. 2 Acute Tox. 4 (inh) Acute Tox. 4 (oral)	H225 H332 H302	Danger	H225 H302+H332	

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
34	aniline ^(R1)	62-53-3	Carc. 2 Muta. 2 Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) STOT RE 1 Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1	H351 H341 H331 H311 H301 H372 ^(a) H318 H317 H400	Danger	H351 H341 H301+H311+H331 H372 ^(a) H318 H317 H400	
35	o-anisidine; 2-methoxyaniline	90-04-0	Carc. 1B Muta. 2 Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral)	H350 H341 H331 H311 H301	Danger	H350 H341 H301+H311+H331	
36	p-anisidine; 4-methoxyaniline	104-94-9	Acute Tox. 2 (inh) Acute Tox. 1 (dermal) Acute Tox. 2 (oral) STOT RE 2 Aquatic Acute 1	H330 H310 H300 H373 ^(a) H400	Danger	H300+H310+H330 H373 ^(a) H400	
37	ANTU (ISO); 1-(1-naphthyl)-2-thiourea	86-88-4	Acute Tox. 2 (oral) Carc. 2	H300 H351	Danger	H300 H351	
38	arsenic	7440-38-2	Acute Tox. 3 (oral) Acute Tox. 3 (inh) Aquatic Acute 1 Aquatic Chronic 1	H301 H331 H400 H410	Danger	H301+H331 H410	
39	arsine	7784-42-1	Flam. Gas 1 Press. Gas ^(c) Acute Tox. 2 (inh) STOT RE 2 Aquatic Acute 1 Aquatic Chronic 1	H220 H280/281 ^(c) H330 H373 ^(a) H400 H410	Danger	H220 H280/281 ^(c) H330 H373 ^(a) H410	
40	barium chlorate	13477-00-4	Ox. Sol. 1 Acute Tox. 4 (inh) Acute Tox. 4 (oral) Aquatic Chronic 2	H271 H332 H302 H411	Danger	H271 H302+H332 H411	
41	barium perchlorate	13465-95-7	Ox. Sol. 1 Acute Tox. 4 (inh) Acute Tox. 4 (oral)	H271 H332 H302	Danger	H271 H302+H332	
42	barium polysulphides	50864-67-0	Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Aquatic Acute 1	H319 H335 H315 H400	Warning	H319 H335 H315 H400	
43	barium sulphide	21109-95-5	Acute Tox. 4 (inh) Acute Tox. 4 (oral) Aquatic Acute 1	H332 H302 H400	Warning	H302+H332 H400	
44	behenamidopropyl- dimethyl- (dihydroxypropyl) ammonium chloride	136920-10-0	Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H318 H317 H400 H410	Danger	H318 H317 H410	
45	benzene ^(R1)	71-43-2	Flam. Liq. 2 Carc. 1A Muta. 1B STOT RE 1 Asp. Haz. 1 Eye Irrit. 2 Skin Irrit. 2	H225 H350 H340 H372 (CNS, hematopoietic system) H304 H319 H315	Danger	H225 H350 H340 H372 (CNS, hematopoietic system) H304 H319 H315	
46	p-benzoquinone; quinone	106-51-4	Acute Tox. 3 (inh) Acute Tox. 3 (oral) Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Aquatic Acute 1	H331 H301 H319 H335 H315 H400	Danger	H301+H331 H319 H335 H315 H400	

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
47	benzoyl peroxide; dibenzoyl peroxide	94-36-0	Org. Perox. B Eye Irrit. 2 Skin Sens. 1	H241 H319 H317	Danger	H214 H319 H317	  
48	benzyl(triphenyl) phosphonium; methyl(1,1,2,2,3,3,4,4,4- nonafluorobutylsulfonyl) azanide	332350- 93-3	Acute Tox. 3 (oral) Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	H301 H318 H400 H410	Danger	H301 H318 H410	  
49	benzyltributylammonium 4-hydroxynaphthalene-1- sulphonate	102561- 46-6	Acute Tox. 4 (inh) Aquatic Chronic 2	H332 H411	Warning	H332 H411	 
50	beryllium ^(R1)	7440-41-7	Carc. 1B Acute Tox. 2 (inh) Acute Tox. 3 (oral) STOT RE 1 Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Skin Sens. 1	H350i H330 H301 H372 (resp. system) H319 H335 H315 H317	Danger	H350i H330 H301 H372 (resp. system) H319 H335 H315 H317	 
51	beryllium oxide	1304-56-9	Carc. 1B Acute Tox. 2 (inh) Acute Tox. 3 (oral) STOT RE 1 Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Skin Sens. 1	H350i H330 H301 H372 (resp. system, blood system) H319 H335 H315 H317	Danger	H350i H330 H301 H372 (resp. system, blood system) H319 H335 H315 H317	 
52	biphenyl; diphenyl	92-52-4	Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Aquatic Acute 1 Aquatic Chronic 1	H319 H335 H315 H400 H410	Warning	H319 H335 H315 H410	 
53	boron tribromide	10294- 33-4	Acute Tox. 2 (inh) Acute Tox. 2 (oral) Skin Corr. 1A Eye Dam. 1	H330 H300 H314 H318	Danger	H300+H330 H314	 
54	boron trichloride	10294- 34-5	Press. Gas ^(c) Acute Tox. 2 (inh) Acute Tox. 2 (oral) Skin Corr. 1B Eye Dam. 1	H280/281 ^(d) H330 H300 H314 H318	Danger	H280/281 ^(d) H300+H330 H314	  
55	boron trifluoride	7637-07-2	Press. Gas ^(c) Acute Tox. 2 (inh) Skin Corr. 1A Eye Dam. 1	H280/281 ^(d) H330 H314 H318	Danger	H280/281 ^(d) H330 H314	  
56	bromine	7726- 95-6	Acute Tox. 2 (inh) Skin Corr. 1A Eye. Dam. 1 Aquatic Acute 1	H330 H314 H318 H400	Danger	H330 H314 H400	  
57	buta-1,3-diene	106-99-0	Press. Gas ^(c) Flam. Gas 1 Muta. 1B Carc. 1A	H280/281 ^(d) H220 H340 H350	Danger	H280/281 ^(d) H220 H340 H350	  
58	<i>n</i> -butanol; <i>n</i> -butyl alcohol; butan-1-ol	71-36-3	Flam. Liq. 3 Acute Tox. 4 (oral) Skin Irrit. 2 Eye Dam. 1 STOT SE 3	H226 H302 H315 H318 H335, H336	Danger	H226 H302 H315 H318 H335, H336	  
59	sec-butanol; butan-2-ol	78-92-2	Flam. Liq. 3 Eye Irrit. 2 STOT SE 3	H226 H319 H335, H336	Warning	H226 H319 H335, H336	 

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
60	2-butanone-O,O',O''-(phenylsilylidyne)trioxime	34036-80-1	STOT RE 2 Skin Sens. 1 Aquatic Chronic 3	H373 ^(a) H317 H412	Warning	H373 ^(a) H317 H412	
61	<i>tert</i> -butyl (1R,5S)-3-azabicyclo[3.1.0]hex-6-yl carbamate; <i>tert</i> -butyl N-(1R,5S)-3-azabicyclo[3.1.0]hex-6-yl carbamate	134575-17-0	Acute Tox. 4 (oral) STOT RE 2 Eye Dam. 1 Skin Sens. 1	H302 H373 ^(a) H318 H317	Danger	H302 H373 ^(a) H318 H317	
62	<i>tert</i> -butyl (1S)-N-[1-((2S)-2-oxiranyl)-2-phenylethyl] carbamate	98737-29-2	Aquatic Acute 1 Aquatic Chronic 1	H400 H410	Warning	H410	
63	<i>tert</i> -butyl (triphenylphosphoranylidene) acetate	35000-38-5	Acute Tox. 3 (oral) STOT RE 2 Eye Irrit. 2 Skin Sens. 1 Aquatic Chronic 2	H301 H373 ^(a) H319 H317 H411	Danger	H301 H373 ^(a) H319 H317 H411	
64	<i>n</i> -butyl acetate	123-86-4	Flam. Liq. 3 STOT SE 3	H226 H336	Warning	H226 H336	
65	<i>sec</i> -butyl acetate	105-46-4	Flam. Liq. 2	H225	Danger	H225	
66	<i>tert</i> -butyl acetate	540-88-5	Flam. Liq. 2	H225	Danger	H225	
67	<i>tert</i> -butyl alcohol ^(R1) ; 2-methylpropan-2-ol,	75-65-0	Flam. Liq. 2 Acute Tox. 4 (inh) Eye Irrit. 2 STOT SE 3	H225 H332 H319 H335	Danger	H225 H332 H319 H335	
68	butyl carbitol (diethylene glycol monobutyl ether)	112-34-5	Eye Irrit. 2	H319	Warning	H319	
69	<i>tert</i> -butyl methyl ether (MTBE)	1634-04-4	Flam. Liq. 2 Skin Irrit. 2	H225 H315	Danger	H225 H315	
70	butyl nitrite	544-16-1	Flam. Liq. 2 Acute Tox. 3 (inh) Acute Tox. 3 (oral)	H225 H331 H301	Danger	H225 H301+H331	
71	<i>sec</i> -butyl nitrite	924-43-6	Flam. Liq. 2 Acute Tox. 4 (inh) Acute Tox. 4 (oral)	H225 H332 H302	Danger	H225 H302+H332	
72	3,9-bis(2,6-di- <i>tert</i> -butyl-4-methylphenoxy)-2,4,8,10-tetraoxa-3,9-diphosphaspiro[5.5]undecane	80693-00-1	Aquatic Chronic 4	H413	No signal word	H413	No hazard pictogram
73	butylamine	109-73-9	Flam. Liq. 2 Acute Tox. 4 (inh) Acute Tox. 4 (dermal) Acute Tox. 4 (oral) Skin Corr. 1A Eye Dam. 1	H225 H332 H312 H302 H314 H318	Danger	H225 H302+H312+H332 H314	
74	<i>tert</i> -butylarsine	4262-43-5	Pyr. Liq. 1 Acute Tox. 2 (inh)	H250 H330	Danger	H250 H330	



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
75	bis(3,5-di- <i>tert</i> -butylsalicylato-O ¹ ,O ²)zinc	42405-40-3	Flam. Sol. 1 Acute Tox. 4 (oral) Aquatic Acute 1 Aquatic Chronic 1	H228 H302 H400 H410	Danger	H228 H302 H410	
76	cadmium (non-pyrophoric) ^(R1)	7440-43-9	Carc. 1B Muta. 2 Repr. 2 Acute Tox. 2 (inh) STOT RE 1 Aquatic Acute 1 Aquatic Chronic 1	H350 H341 H361fd H330 H372 ^(a) H400 H410	Danger	H350 H341 H361fd H330 H372 ^(a) H410	
77	cadmium cyanide	542-83-6	Acute Tox. 2 (inh) Acute Tox. 1 (dermal) Acute Tox. 2 (oral) Carc. 2 STOT RE 2 Aquatic Acute 1 Aquatic Chronic 1	H330 H310 H300 H351 H373 ^(a) H400 H410	Danger	H300+H310+H330 H351 H373 ^(a) H410	
78	cadmium diformate; cadmiumformate	4464-23-7	Acute Tox. 3 (inh) Acute Tox. 3 (oral) Carc. 2 STOT RE 2 Aquatic Acute 1 Aquatic Chronic 1	H331 H301 H351 H373 ^(a) H400 H410	Danger	H301+H331 H351 H373 ^(a) H410	
79	cadmium fluoride	7790-79-6	Carc. 1B Muta. 1B Repr. 1B Acute Tox. 2 (inh) Acute Tox. 3 (oral) STOT RE 1 Aquatic Acute 1 Aquatic Chronic 1	H350 H340 H360FD H330 H301 H372 ^(a) H400 H410	Danger	H350 H340 H360FD H330 H301 H372 ^(a) H410	
80	cadmium iodide	7790-80-9	Acute Tox. 3 (inh) Acute Tox. 3 (oral) Carc. 2 STOT RE 2 Aquatic Acute 1 Aquatic Chronic 1	H331 H301 H351 H373 ^(a) H400 H410	Danger	H301+H331 H351 H373 ^(a) H410	
81	cadmium oxide (non-pyrophoric)	1306-19-0	Carc. 1B Muta. 2 Repr. 2 Acute Tox. 2 (inh) STOT RE 1 Aquatic Acute 1 Aquatic Chronic 1	H350 H341 H361fd H330 H372 (resp. system, kidney, bone) H400 H410	Danger	H350 H341 H361fd H330 H372 (resp. system, kidney, bone) H410	
82	cadmiumhexafluorosilicate(2-); cadmium fluorosilica	17010-21-8	Acute Tox. 3 (inh) Acute Tox. 3 (oral) Carc. 2 STOT RE 2 Aquatic Acute 1 Aquatic Chronic 1	H331 H301 H351 H373 ^(a) H400 H410	Danger	H301+H331 H351 H373 ^(a) H410	
83	calcium	7440-70-2	Water-react. 2	H261	Danger	H261	
84	calcium carbide	75-20-7	Water-react. 1	H260	Danger	H260	
85	calcium chloride	10043-52-4	Eye Irrit. 2	H319	Warning	H319	

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
86	calcium chromate	13765-19-0	Carc. 1B Acute Tox. 4 (oral) Aquatic Acute 1 Aquatic Chronic 1	H350 H302 H400 H410	Danger	H350 H302 H410	
87	calcium cyanamide	156-62-7	Acute Tox. 4 (oral) STOT SE 3 Eye Dam. 1	H302 H335 H318	Danger	H302 H335 H318	
88	calcium cyanide	592-01-8	Acute Tox. 2 (oral) Aquatic Acute 1 Aquatic Chronic 1	H300 H400 H410	Danger	H300 H410	
89	calcium hydride	7789-78-8	Water-react. 1	H260	Danger	H260	
90	calcium hypochlorite	7778-54-3	Ox. Sol. 2 Acute Tox. 4 (oral) Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1	H272 H302 H314 H318 H400	Danger	H272 H302 H314 H400	
91	calcium P,P'-(1-hydroxyethylene) bis(hydrogen phosphonate) dihydrate	36669-85-9	Aquatic Chronic 3	H412	No signal word	H412	No hazard pictogram
92	calcium phosphide; tricalcium diphosphide	1305-99-3	Water-react. 1 Acute Tox. 1 (inh) Acute Tox. 2 (oral) Acute Tox. 3 (dermal) Aquatic Acute 1 Eye. Dam. 1	H260 H330 H300 H311 H400 H318	Danger	H260 H300+H330 H311 H400 H318	
93	calcium polysulphides	1344-81-6	Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Aquatic Acute 1	H319 H335 H315 H400	Warning	H319 H335 H315 H400	
94	calcium sulphide	20548-54-3	Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Aquatic Acute 1	H319 H335 H315 H400	Warning	H319 H335 H315 H400	
95	captafol (ISO); 1,2,3,6-tetrahydro-N-(1,1,2,2-tetrachloroethylthio) phthalimide	2425-06-1	Carc. 1B Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350 H317 H400 H410	Danger	H350 H317 H410	
96	captan; 1,2,3,6-tetrahydro-N-(trichloromethylthio) phthalimide	133-06-2	Carc. 2 Acute Tox. 3 (inh) Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1	H351 H331 H318 H317 H400	Danger	H351 H331 H318 H317 H400	
97	carbofuran (ISO); 2,3-dihydro-2,2-dimethylbenzofuran-7-yl N-methylcarbamate	1563-66-2	Acute Tox. 2 (inh) Acute Tox. 2 (oral) Aquatic Acute 1 Aquatic Chronic 1	H330 H300 H400 H410	Danger	H300+H330 H410	
98	carbon black	1333-86-4	Self-heat. 1 ^(a) Carc. 2 STOT RE 1	H251 H351 (inh) H372 (lung) (inh)	Danger	H251 H351 (inh) H372 (lung) (inh)	
99	carbon disulfide ^(R1)	75-15-0	Flam. Liq. 2 Repr. 2 STOT RE 1 Eye Irrit. 2 Skin Irrit. 2	H225 H361fd H372 (CNS, cardiovascular, kidney) H319 H315	Danger	H225 H361fd H372 (CNS, cardiovascular, kidney) H319 H315	



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
100	carbon monoxide	630-08-0	Flam. Gas 1 Press. Gas ^(c) Repr. 1A Acute Tox. 3 (inh) STOT RE 1	H220 H280/281 ^(d) H360D H331 H372 ^(a)	Danger	H220 H280/281 ^(d) H360D H331 H372 ^(a)	
101	chlordane (ISO); 1,2,4,5,6,7,8,8-octachloro- 3a,4,7,7a-tetrahydro-4,7- methanoindan	57-74-9	Carc. 2 Acute Tox. 4 (dermal) Acute Tox. 4 (oral) Aquatic Acute 1 Aquatic Chronic 1	H351 H312 H302 H400 H410	Warning	H351 H302+H312 H410	
102	chlorine	7782- 50-5	Press. Gas ^(c) Ox. Gas 1 Acute Tox. 3 (inh) Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Aquatic Acute 1	H280/281 ^(d) H270 H331 H319 H335 H315 H400	Danger	H280/281 ^(d) H270 H331 H319 H335 H315 H400	
103	chlorine dioxide	10049- 04-4	Press. Gas ^(c) Ox. Gas 1 Acute Tox. 2 (inh) Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1	H280/H281 ^(d) H270 H330 H314 H318 H400	Danger	H280/H281 ^(d) H270 H330 H314 H400	
104	chlorine dioxide	10049- 04-4	Acute Tox. 3 (oral) Skin Corr. 1B Eye Dam. 1 STOT SE 3 Aquatic Acute 1	H301 H314 H318 H335 H400	Danger	H301 H314 H335 H400	
105	chloro(3-(3-chloro-4- fluorophenyl)propyl) dimethylsilane	770722- 46-8	Skin Corr. 1A Eye Dam. 1	H314 H318	Danger	H314	
106	1-chloro-1-nitropropane	600-25-9	Acute Tox. 4 (inh) Acute Tox. 4 (oral)	H332 H302	Warning	H302+ H332	
107	1-((3-(3-chloro-4- fluorophenyl)propyl) dimethylsilyl)-4- ethoxybenzene	121626- 74-2	Aquatic Chronic 2	H411	No signal word	H411	
108	3-chloro-6-cyano- bicyclo(2,2,1) heptan-2-one-O-(N- methylcarbamoyl)oxime; triamid	15271-41-7	Acute Tox. 2 (oral) Acute Tox. 3 (dermal) Aquatic Chronic 2	H300 H311 H411	Danger	H300 H311 H411	
109	chloroacetaldehyde	107-20-0	Carc. 2 Acute Tox. 2 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1	H351 H330 H311 H301 H314 H318 H400	Danger	H351 H301+ H311 H330 H314 H400	
110	bis(2-chloroethyl) ether	111-44-4	Carc. 2 Acute Tox. 2 (inh) Acute Tox. 1 (dermal) Acute Tox. 2 (oral)	H351 H330 H310 H300	Danger	H351 H300+H310+H330	
111	tris(2-chloroethyl) phosphate	115-96-8	Carc. 2 Repr. 1B Acute Tox. 4 (oral) Aquatic Chronic 2	H351 H360F H302 H411	Danger	H351 H360F H302 H411	

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
112	chloroform (R ₁₁); trichloromethane	67-66-3	Carc. 2 Acute Tox. 4 (oral) Acute Tox. 3 (inh) STOT RE 1 Skin Irrit. 2 Repr. 2 Eye Irrit. 2	H351 H302 H331 H372 (CNS, resp., liver,kidney) H315 H361d H319	Danger	H351 H302 H331 H372 (CNS, resp., liver,kidney) H315 H361d H319	 
113	bis(chloromethyl) ether; oxybis(chloromethane)	542-88-1	Flam. Liq. 2 Carc. 1A Acute Tox. 2 (inh) Acute Tox. 3 (dermal) Acute Tox. 4 (oral)	H225 H350 H330 H311 H302	Danger	H225 H350 H330 H311 H302	  
114	(chloromethyl)bis(4- fluorophenyl)methylsilane	85491- 26-5	Aquatic Chronic 2	H411	No signal word	H411	
115	1-chloromethyl-4-fluoro-1,4- diazoniabicyclo[2.2.2]octane bis(tetrafluoroborate)	140681- 55-6	Acute Tox. 4 (oral) Eye Dam. 1 Skin Sens. 1 Aquatic Chronic 3	H302 H318 H317 H412	Danger	H302 H318 H317 H412	 
116	1-chloro-N,N-diethyl-1,1- diphenyl-1-(phenylmethyl) phosphoramine	82857- 68-9	Acute Tox. 3 (oral) Eye Dam. 1 Aquatic Chronic 2	H301 H318 H411	Danger	H301 H318 H411	  
117	S-(chlorophenylthiomethyl) O,O-dimethylphosphoro dithioate; methylcarbophenothione	953-17-3	Acute Tox. 3 (dermal) Acute Tox. 3 (oral) Aquatic Acute 1 Aquatic Chronic 1	H311 H301 H400 H410	Danger	H301+H311 H410	 
118	β-chloroprene; 2-chlorobuta-1,3-diene	126-99-8	Flam. Liq. 2 Carc. 1B Acute Tox. 4 (inh) Acute Tox. 4 (oral) STOT RE 2 Eye Irrit. 2 STOT SE 3 Skin Irrit. 2	H225 H350 H332 H302 H373(a) H319 H335 H315	Danger	H225 H350 H302+H332 H373(a) H319 H335 H315	  
119	2-chloro- <i>p</i> - toluenesulfochloride	42413- 03-6	Skin Corr. 1B Eye Dam. 1 Skin Sens. 1 Aquatic Chronic 3	H314 H318 H317 H412	Danger	H314 H317 H412	 
120	chlorosulphonic acid	7790- 94-5	Skin Corr. 1A Eye Dam. 1 STOT SE 3	H314 H318 H335	Danger	H314 H335	 
121	chlorphonium chloride (ISO); tributyl (2,4-dichlorobenzyl) phosphonium chloride	115-78-6	Acute Tox. 3 (oral) Acute Tox. 4 (dermal) Eye Irrit. 2 Skin Irrit. 2	H301 H312 H319 H315	Danger	H301 H312 H319 H315	
122	chlorpyrifos (ISO); O,O-diethyl O-3,5,6-trichloro- 2-pyridyl phosphorothioate	2921-88-2	Acute Tox. 3 (oral) Aquatic Acute 1 Aquatic Chronic 1	H301 H400 H410	Danger	H301 H410	 
123	chromium (VI) trioxide	1333-82-0	Ox. Sol. 1 Carc. 1A Muta. 1B Repr. 2 Acute Tox. 2 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) STOT RE 1 Skin Corr. 1A Eye Dam. 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H271 H350 H340 H361f H330 H311 H301 H372 (resp. system) H314 H334 H317 H334 H410	Danger	H271 H350 H340 H361f H330 H301+H311 H372 (resp. system) H314 H334 H317 H410	    



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
124	chromyl dichloride; chromic oxychloride	14977-61-8	Ox. Liq. 1 Carc. 1B Muta. 1B Skin Corr. 1A Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H271 H350i H340 H314 H318 H317 H400 H410	Danger	H271 H350i H340 H314 H317 H410	
125	cobalt ^(R1)	7440-48-4	Resp. Sens. 1 Skin Sens. 1 Aquatic Chronic 4	H334 H317 H413	Danger	H334 H317 H413	
126	cobalt carbonate	513-79-1	Carc. 1B Muta. 2 Repr. 1B Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360F H334 H317 H400 H410	Danger	H350i H341 H360F H334 H317 H410	
127	cobalt dichloride	7646-79-9	Carc. 1B Muta. 2 Repr. 1B Acute Tox. 4 (oral) Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360F H302 H334 H317 H400 H410	Danger	H350i H341 H360F H302 H334 H317 H410	
128	cobalt dimolybdenum nickel octaoxide	68016-03-5	Carc. 1A STOT RE 1 Skin Sens. 1	H350i H372 ^(a) H317	Danger	H350i H372 ^(a) H317	
129	cobalt nickel dioxide	58591-45-0	Carc. 1A STOT RE 1 Skin Sens. 1	H350i H372 ^(a) H317	Danger	H350i H372 ^(a) H317	
130	cobalt nickel gray periclase; C.I. Pigment Black 25	68186-89-0	Carc. 1A STOT RE 1 Skin Sens. 1	H350i H372 ^(a) H317	Danger	H350i H372 ^(a) H317	
131	cobalt nickel oxide	12737-30-3	Carc. 1A STOT RE 1 Skin Sens. 1	H350i H372 ^(a) H317	Danger	H350i H372 ^(a) H317	
132	cobalt oxide	1307-96-6	Acute Tox. 4 (oral) Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H302 H317 H400 H410	Warning	H302 H317 H410	
133	cobalt sulfate	10124-43-3	Carc. 1B Muta. 2 Repr. 1B Acute Tox. 4 (oral) Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360F H302 H334 H317 H400 H410	Danger	H350i H341 H360F H302 H334 H317 H410	
134	cobalt sulfide	1317-42-6	Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H317 H400 H410	Warning	H317 H410	

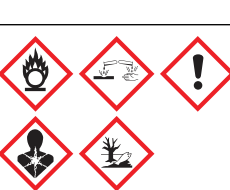
No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
135	cobalt(II)acetate; cobalt diacetate	71-48-7	Carc. 1B Muta. 2 Repr. 1B Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360F H334 H317 H400 H410	Danger	H350i H341 H360F H334 H317 H410	
136	cobalt(II)nitrate; cobalt dinitrate	10141-05-6	Carc. 1B Muta. 2 Repr. 1B Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360F H334 H317 H400 H410	Danger	H350i H341 H360F H334 H317 H410	
137	copper chloride; copper (I) chloride; cuprous chloride	7758-89-6	Acute Tox. 4 (oral) Aquatic Acute 1 Aquatic Chronic 1	H302 H400 H410	Warning	H302 H410	
138	copper sulphate	7758-98-7	Acute Tox. 4 (oral) Eye Irrit. 2 Skin Irrit. 2 Aquatic Acute 1 Aquatic Chronic 1	H302 H319 H315 H400 H410	Warning	H302 H319 H315 H410	
139	copper(II) methanesulfonate	54253-62-2	Acute Tox. 4 (oral) Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	H302 H318 H400 H410	Danger	H302 H318 H410	
140	<i>m</i> -cresol; <i>o</i> -cresol; <i>p</i> -cresol; mix-cresol	108-39-4 95-48-7 106-44-5 1319-77-3	Acute Tox. 3 (dermal) Acute Tox. 3 (oral) Skin Corr. 1B Eye Dam. 1	H311 H301 H314 H318	Danger	H301+H311 H314	
141	crotonaldehyde	4170-30-3	Flam. Liq. 2 Muta. 2 Acute Tox. 2 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) STOT RE 2 STOT SE 3 Skin Irrit. 2 Eye Dam. 1 Aquatic Acute 1	H225 H341 H330 H311 H301 H373 ^(a) H335 H315 H318 H400	Danger	H225 H341 H330 H301+H311 H373 ^(a) H335 H315 H318 H400	
142	crufomate; 4- <i>tert</i> -butyl-2-chlorophenyl methyl methylphosphoramidate	299-86-5	Acute Tox. 4 (dermal) Acute Tox. 4 (oral) Aquatic Acute 1 Aquatic Chronic 1	H312 H302 H400 H410	Warning	H302+H312 H410	
143	cumene	98-82-8	Flam. Liq. 3 Asp. Haz. 1 STOT SE 3 Aquatic Chronic 2	H226 H304 H335 H411	Danger	H226 H304 H335 H411	
144	(η -cumene)-(η -cyclopentadienyl)iron(II) hexafluoroantimonate	100011-37-8	Acute Tox. 4 (oral) Eye Dam. 1 Aquatic Chronic 3	H302 H318 H412	Danger	H302 H318 H412	
145	(η -cumene)-(η -cyclopentadienyl) iron(II) trifluoromethane-sulfonate	117549-13-0	Acute Tox. 4 (oral) Aquatic Chronic 3	H302 H412	Warning	H302 H412	



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
146	cyanamide; carbanonitril	420-04-2	Acute Tox. 3 (oral) Acute Tox. 3 (dermal) Skin Corr. 1 Eye Dam. 1 Skin Sens. 1 Carc. 2 STOT RE 2 Repr. 2 Aquatic Chronic 3	H301 H311 H314 H317 H318 H317 H351 H373 (thyroid) H361fd H412	Danger	H301+H311 H314 H317 H351 H373 (thyroid) H361fd H412	
147	cyclohexanone	108-94-1	Flam. Liq. 3 Acute Tox. 4 (inh)	H226 H332	Warning	H226 H332	
148	cyclohexyldimethoxy- methylsilane	17865- 32-6	Skin Irrit. 2 Aquatic Chronic 2	H315 H411	Warning	H315 H411	
149	cyclooct-4-en-1-yl methyl carbonate	87731- 18-8	Skin Sens. 1	H317	Warning	H317	
150	(η-cyclopentadienyl) (η-cumenyl)iron(1+) hexafluorophosphate(1-)	32760- 80-8	Aquatic Chronic 3	H412	No signal word	H412	No hazard pictogram
151	cyhexatin (ISO); hydroxytricyclohexyl- stannane; tri(cyclohexyl)tin hydroxide	13121-70-5	Acute Tox. 4 (inh) Acute Tox. 4 (dermal) Acute Tox. 4 (oral) Aquatic Acute 1 Aquatic Chronic 1	H332 H312 H302 H400 H410	Warning	H302+H312+H332 H410	
152	DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis (4-chlorophenyl) ethane; dichlorodiphenyl trichloroethane	50-29-3	Carc. 2 Acute Tox. 3 (oral) STOT RE 1 Aquatic Acute 1 Aquatic Chronic 1	H351 H301 H372 ^(a) H400 H410	Danger	H351 H301 H372 ^(a) H410	
153	2-(decylthio) ethylammonium chloride	36362- 09-1	STOT RE 2 Skin Irrit. 2 Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	H373 ^(a) H315 H318 H400 H410	Danger	H373 ^(a) H315 H318 H410	
154	demeton	8065- 48-3	Acute Tox. 1 (dermal) Acute Tox. 2 (oral) Aquatic Acute 1	H310 H300 H400	Danger	H300+H310 H400	
155	di(2-ethylhexyl) phthalate; bis(2-ethylhexyl) phthalate; DEHP	117-81-7	Repr. 1B	H360FD	Danger	H360FD	
156	dialuminium nickel tetraoxide	12004- 35-2	Carc. 1A STOT RE 1 Skin Sens. 1	H350i H372 ^(a) H317	Danger	H350i H372 ^(a) H317	
157	2,2'-dialyl-4,4'- sulfonyldiphenol	41481- 66-7	Skin Sens. 1 Aquatic Chronic 2	H317 H411	Warning	H317 H411	

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
158	diammonium fluorosilicate; diammoniumhexafluoro silicate; alkali fluorosilicates(NH ₄)	16919-19-0	Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral)	H331 H311 H301	Danger	H301+H311+H331	
159	diammonium nickel bis(sulfate)	15699-18-0	Carc. 1A Muta. 2 Repr. 1B STOT RE 1 Acute Tox. 4 (inh) Acute Tox. 4 (oral) Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360D H372(a) H332 H302 H334 H317 H400 H410	Danger	H350i H341 H360D H372(a) H302+H332 H334 H317 H410	  
160	diammonium nickel hexacyanoferrate	74195-78-1	Carc. 1A STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372(a) H334 H317 H400 H410	Danger	H350i H372(a) H334 H317 H410	 
161	diammonium peroxodisulphate; ammonium persulphate	7727-54-0	Ox. Sol. 3 Acute Tox. 4 (oral) Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Resp. Sens. 1 Skin Sens. 1	H272 H302 H319 H335 H315 H334 H317	Danger	H272 H302 H319 H335 H315 H334 H317	  
162	diarsenic pentaoxide; arsenic pentoxide; arsenic oxide	1303-28-2	Carc. 1A Acute Tox. 3 (inh) Acute Tox. 3 (oral) Aquatic Acute 1 Aquatic Chronic 1	H350 H331 H301 H400 H410	Danger	H350 H301+H331 H410	  
163	diarsenic trioxide; arsenic trioxide	1327-53-3	Carc. 1A Acute Tox. 2 (oral) Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	H350 H300 H314 H318 H400 H410	Danger	H350 H300 H314 H410	   
164	diazinon; O,O-diethyl O-2-isopropyl-6-methylpyrimidin-4-yl phosphorothioate	333-41-5	Acute Tox. 4 (oral) Aquatic Acute 1 Aquatic Chronic 1	H302 H400 H410	Warning	H302 H410	 
165	diazomethane	334-88-3	Carc. 1B	H350	Danger	H350	
166	diboron trioxide; boric oxide	1303-86-2	Repr. 1B	H360FD	Danger	H360FD	
167	dibutyl phthalate; DBP	84-74-2	Repr. 1B Aquatic Acute 1	H360Df H400	Danger	H360Df H400	 
168	dibutyltin hydrogen borate	75113-37-0	Repr. 1B Muta. 2 STOT RE 1 Acute Tox. 4 (dermal) Acute Tox. 4 (oral) Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H360FD H341 H372(a) H312 H302 H318 H317 H400 H410	Danger	H360FD H341 H372(a) H302+H312 H318 H317 H410	   



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
169	dichloro-(3-(3-chloro-4-fluorophenyl)propyl) methylsilane	770722-36-6	Skin Corr. 1A Eye Dam. 1	H314 H318	Danger	H314	
170	1,1-dichloro-1-nitroethane	594-72-9	Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral)	H331 H311 H301	Danger	H301+H311+H331	
171	1,1-dichloroethylene; vinylidene chloride	75-35-4	Flam. Liq. 1 Carc. 2 Acute Tox. 4 (inh)	H224 H351 H332	Danger	H224 H351 H332	
172	dichloromethane; methylene chloride	75-09-2	Carc. 2	H351	Warning	H351	
173	1,2-dichloropropane ^(R1) ; propylene dichloride	78-87-5	Flam. Liq. 2 Acute Tox. 4 (inh) Acute Tox. 4 (oral) Carc. 1B	H225 H332 H302 H350	Danger	H225 H302+H332 H350	
174	2,2-dichlorovinyl 2-ethylsulphinylethyl methyl phosphate	7076-53-1	Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral)	H331 H311 H301	Danger	H301+H311+H331	
175	dichlorvos (ISO); 2,2-dichlorovinyl dimethyl phosphate	62-73-7	Acute Tox. 2 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) Skin Sens. 1 Aquatic Acute 1	H330 H311 H301 H317 H400	Danger	H301+H311 H330 H317 H400	
176	dichromium tris(chromate); chromium III chromate; chromic chromate	24613-89-6	Ox. Sol. 1 Carc. 1B Skin Corr. 1A Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H271 H350 H314 H318 H317 H400 H410	Danger	H271 H350 H314 H317 H410	
177	dicrotophos (ISO); (Z)-2-dimethylcarbamoyl- 1-methylvinyl dimethyl phosphate	141-66-2	Acute Tox. 2 (oral) Acute Tox. 3 (dermal) Aquatic Acute 1 Aquatic Chronic 1	H300 H311 H400 H410	Danger	H300 H311 H410	
178	bis(2,4-dicumylphenyl) neopentyl diphosphite; 3,9-bis[2,4-bis(1-methyl- 1-phenylethyl)phenoxy]- 2,4,8,10-tetraoxa-3,9- diphosphaspiro[5.5] undecane	154862-43-8	Aquatic Chronic 4	H413	No signal word	H413	No hazard pictogram
179	dicyclohexylammonium nitrite	3129-91-7	Acute Tox. 4 (inh) Acute Tox. 4 (oral)	H332 H302	Warning	H302+H332	
180	dicyclopentylidimethox- ysilane	126990-35-0	Skin Irrit. 2 Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	H315 H318 H400 H410	Danger	H315 H318 H410	
181	dieldrin (ISO) ^(R1)	60-57-1	Acute Tox. 3 (oral) Acute Tox. 1 (dermal) Carc. 2 STOT RE 1 Aquatic Acute 1 Aquatic Chronic 1	H301 H310 H351 H372 (CNS, liver) H400 H410	Danger	H301 H310 H351 H372 (CNS, liver) H410	
182	4-[3-(diethoxymethylsilyl- propoxy)-2,2,6,6- tetramethyl]piperidine	102089-33-8	Acute Tox. 4 (oral) STOT RE 2 Skin Irrit. 2 Eye Dam. 1 Aquatic Chronic 3	H302 H373 ^(a) H315 H318 H412	Danger	H302 H373 ^(a) H315 H318 H412	

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
183	diethyl (4-[1,5,5-tris(4-diethylaminophenyl) penta-2,4-dienylidene] cyclohexa-2,5-dienylidene) ammonium butyltriphenylborate	141714-54-7	Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H317 H400 H410	Warning	H317 H410	
184	diethyl ether; ether	60-29-7	Flam. Liq. 1 Acute Tox. 4 (oral) STOT SE 3	H224 H302 H336	Danger	H224 H302 H336	
185	diethyl sulphate	64-67-5	Carc. 1B Muta. 1B Acute Tox. 4 (inh) Acute Tox. 4 (dermal) Acute Tox. 4 (oral) Skin Corr. 1B Eye Dam. 1	H350 H340 H332 H312 H302 H314 H318	Danger	H350 H340 H302+H312+H332 H314	
186	diethyl (ethyldimethylsilanolato) aluminium	55426-95-4	Water-react. 1 Pyr. Liq. 1 Skin Corr. 1A Eye Dam. 1	H260 H250 H314 H318	Danger	H260 H250 H314	
187	4-(bis(4-(diethylamino) phenyl)methyl)benzene-1,2-dimethanesulfonic acid	71297-11-5	Aquatic Chronic 3	H412	No signal word	H412	No hazard pictogram
188	diethyldimethylammonium hydroxide	95500-19-9	Acute Tox. 4 (dermal) Acute Tox. 4 (oral) Skin Corr. 1A Eye Dam. 1	H312 H302 H314 H318	Danger	H302+H312 H314	
189	diethylene triamine; 2,2'-iminodiethylamine	111-40-0	Acute Tox. 4 (dermal) Acute Tox. 4 (oral) Skin Corr. 1B Eye Dam. 1 Skin Sens. 1	H312 H302 H314 H318 H317	Danger	H302+H312 H314 H317	
190	diethylmethoxyborane	7397-46-8	Pyr. Liq. 1 Acute Tox. 4 (inh) Acute Tox. 4 (dermal) Acute Tox. 4 (oral) STOT RE 2 Skin Corr. 1B Eye Dam. 1 Skin Sens. 1 Aquatic Chronic 4	H250 H332 H312 H302 H373(a) H314 H317 H413	Danger	H250 H302+H312+H332 H373(a) H314 H317 H413	
191	diethylzinc	557-20-0	Pyr. Liq. 1 Water-react. 1 Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	H250 H260 H314 H318 H400 H410	Danger	H250 H260 H314 H410	
192	diisobutyl ketone; 2,6-dimethylheptan-4-one	108-83-8	Flam. Liq. 3 STOT SE 3	H226 H335	Warning	H226 H335	
193	diisopropylamine	108-18-9	Flam. Liq. 2 Acute Tox. 4 (inh) Acute Tox. 4 (oral) Skin Corr. 1B Eye Dam. 1	H225 H332 H302 H314 H318	Danger	H225 H302+H332 H314	
194	bis (2,6-dimethoxybenzoyl) -2,4,4-trimethyl pentylphosphin oxide	145052-34-2	Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H317 H400 H410	Warning	H317 H410	
195	dimethyl 4-(methylthio) phenyl phosphate	3254-63-5	Acute Tox. 1 (dermal) Acute Tox. 2 (oral)	H310 H300	Danger	H300+H310	



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
196	dimethyl sulphate	77-78-1	Carc. 1B Muta. 2 Acute Tox. 2 (inh) Acute Tox. 3 (oral) Skin Corr. 1B Eye Dam. 1 Skin Sens. 1	H350 H341 H330 H301 H314 H318 H317	Danger	H350 H341 H330 H301 H314 H317	
197	bis(1,1-dimethyl-2-propynyloxy) dimethylsilane	53863-99-3	Acute Tox. 4 (inh)	H332	Warning	H332	
198	5,5-dimethyl-3-oxocyclohex-1-enyl dimethylcarbamate; 5,5-dimethyldihydroresorcinol dimethyl carbamate; dimetan	122-15-6	Acute Tox. 3 (oral)	H301	Danger	H301	
199	1,1-dimethyl-3-phenyluronium trichloroacetate; fenuron-TCA	4482-55-7	Skin Irrit. 2 Aquatic Acute 1 Aquatic Chronic 1	H315 H400 H410	Warning	H315 H410	
200	N,N-dimethylacetamide	127-19-5	Repr. 1B Acute Tox. 4 (inh) Acute Tox. 4 (dermal)	H360D H332 H312	Danger	H360D H312+H332	
201	dimethylamine	124-40-3	Flam. Gas 1 Press. Gas ^(c) Acute Tox. 4 (inh) STOT SE 3 Skin Irrit. 2 Eye Dam. 1	H220 H280/281 ^(d) H332 H335 H315 H318	Danger	H220 H280/281 ^(d) H332 H335 H315 H318	
202	3-(dimethylamino) propylurea	31506-43-1	Eye Dam. 1	H318	Danger	H318	
203	N,N-dimethylanilinium tetrakis (pentafluorophenyl) borate	118612-00-3	Carc. 2 Acute Tox. 4 (oral) Skin Irrit. 2 Eye Dam. 1	H351 H302 H315 H318	Danger	H351 H302 H315 H318	
204	(2,3-dimethylbut-2-yl)-trimethoxysilane	142877-45-0	Skin Irrit. 2 Eye Dam. 1 Aquatic Chronic 3	H315 H318 H412	Danger	H315 H318 H412	
205	dimethylcarbamoyl chloride	79-44-7	Carc. 1B Acute Tox. 3 (inh) Acute Tox. 4 (oral) Eye Irrit. 2 STOT SE 3 Skin Irrit. 2	H350 H331 H302 H319 H335 H315	Danger	H350 H331 H302 H319 H335 H315	
206	dimethyldichlorosilane	75-78-5	Flam. Liq. 2 Eye Irrit. 2 STOT SE 3 Skin Irrit. 2	H225 H319 H335 H315	Danger	H225 H319 H335 H315	
207	[N-(1,1-dimethylethyl)-1,1-dimethyl-1-[(1,2,3,4,5-η)-2,3,4,5-tetramethyl-2,4-cyclopentadien-1-yl] silanaminato(2-)-κN] [(1,2,3,4-η)-1,3-pentadiene]-titanium	169104-71-6	Flam. Sol. 1 ^(f) Skin Corr. 1B Eye Dam. 1 Skin Sens. 1 Aquatic Chronic 4	H228 H314 H318 H317 H413	Danger	H228 H314 H317 H413	
208	dimethylformamide; N,N-dimethylformamide	68-12-2	Repr. 1B Acute Tox. 4 (inh) Acute Tox. 4 (dermal) Eye Irrit. 2	H360D H332 H312 H319	Danger	H360D H312+H332 H319	

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
209	1,2-dimethylhydrazine	540-73-8	Carc. 1B Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) Aquatic Chronic 2	H350 H331 H311 H301 H411	Danger	H350 H301+H311+H331 H411	
210	N,N-dimethylhydrazine	57-14-7	Flam. Liq. 2 Carc. 1B Acute Tox. 3 (inh) Acute Tox. 3 (oral) Skin Corr. 1B Eye Dam. 1 Aquatic Chronic 2	H225 H350 H331 H301 H314 H318 H411	Danger	H225 H350 H301+H331 H314 H411	
211	tetrakis(2,6-dimethylphenyl)-m-phenylene biphosphate	139189-30-3	Skin Sens. 1	H317	Warning	H317	
212	[(dimethylsilylene) bis((1,2,3,3a,7a-η)-1H-inden-1-ylidene)dimethyl] hafnium	137390-08-0	Acute Tox. 2 (oral)	H300	Danger	H300	
213	dimethylsulfamoyl chloride	13360-57-1	Carc. 1B Acute Tox. 2 (inh) Acute Tox. 4 (dermal) Acute Tox. 4 (oral) Skin Corr. 1B Eye Dam. 1	H350 H330 H312 H302 H314 H318	Danger	H350 H302+H312 H330 H314	
214	dimethylzinc	544-97-8	Pyr. Liq. 1 Water-react. 1 Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	H250 H260 H314 H318 H400 H410	Danger	H250 H260 H314 H410	
215	dinickel boride	12007-01-1	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 ^(a) H317 H400 H410	Danger	H350i H372 ^(a) H317 H410	
216	dinickel diphosphate	14448-18-1	Carc. 1A STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 ^(a) H334 H317 H400 H410	Danger	H350i H372 ^(a) H334 H317 H410	
217	dinickel hexacyanoferrate	14874-78-3	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 ^(a) H317 H400 H410	Danger	H350i H372 ^(a) H317 H410	
218	dinickel orthosilicate	13775-54-7	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 ^(a) H317 H400 H410	Danger	H350i H372 ^(a) H317 H410	
219	dinickel phosphide	12035-64-2	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 ^(a) H317 H400 H410	Danger	H350i H372 ^(a) H317 H410	
220	dinickel silicide	12059-14-2	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 ^(a) H317 H400 H410	Danger	H350i H372 ^(a) H317 H410	



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
221	dinickel trioxide	1314-06-3	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Chronic 4	H350i H372 (resp. system) H317 H413	Danger	H350i H372 (resp. system) H317 H413	
222	di-n-octylaluminium iodide	7585-14-0	Pyr. Liq. 1 Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	H250 H314 H318 H400 H410	Danger	H250 H314 H410	
223	1,4-dioxane	123-91-1	Flam. Liq. 2 Carc. 2 Eye Irrit. 2 STOT SE 3	H225 H351 H319 H335	Danger	H225 H351 H319 H335	
224	(2-(1,3-dioxolan-2-yl)ethyl) triphenylphosphonium bromide	86608-70-0	Acute Tox. 4 (oral) Eye Dam. 1 STOT RE 2 Aquatic Chronic 3	H302 H318 H373(a) H412	Danger	H302 H318 H373(a) H412	
225	diphenylamine	122-39-4	Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) STOT RE 2 Aquatic Acute 1 Aquatic Chronic 1	H331 H311 H301 H373(a) H400 H410	Danger	H301+H311+H331 H373(a) H410	
226	2-(diphosphonomethyl) succinic acid	51395-42-7	Skin Corr. 1B Skin Sens. 1 Eye Dam. 1	H314 H317 H318	Danger	H314 H317	
227	diphosphorus pentasulphide; phosphorus pentasulphide	1314-80-3	Flam. Sol. 1 Water-react. 1 Acute Tox. 4 (inh) Acute Tox. 4 (oral) Aquatic Acute 1	H228 H260 H332 H302 H400	Danger	H228 H260 H302+H332 H400	
228	dipotassium fluorosilicate; dipotassiumhexafluoro silicate; alkali fluorosilicates(K)	16871-90-2	Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral)	H331 H311 H301	Danger	H301+H311+H331	
229	dipotassium peroxodisulphate; potassium persulphate	7727-21-1	Ox. Sol. 3 Acute Tox. 4 (oral) Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Resp. Sens. 1 Skin Sens. 1	H272 H302 H319 H335 H315 H334 H317	Danger	H272 H302 H319 H335 H315 H334 H317	
230	dipotassium sulphide; potassium sulphide	1312-73-8	Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1	H314 H318 H400	Danger	H314 H400	
231	disodium 1-amino-4-(4-benzenesulphonamido-3-sulphonatoanilino) anthraquinone-2-sulphonate	85153-93-1	Eye Dam. 1 Aquatic Chronic 3	H318 H412	Danger	H318 H412	
232	disodium 6-((4-chloro-6-(N-methyl)-2-toluidino)-1,3,5-triazin-2-ylamino)-1-hydroxy-2-(4-methoxy-2-sulphonatophenylazo) naphthalene-3-sulphonate	86393-35-3	Skin Sens. 1	H317	Warning	H317	
233	disodium metasilicate	6834-92-0	Skin Corr. 1B STOT SE 3 Eye Dam. 1	H314 H335 H318	Danger	H314 H335	

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
234	disodium sulfide; sodium sulfide	1313-82-2	Acute Tox. 3 (dermal) Acute Tox. 4 (oral) Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1	H311 H302 H314 H318 H400	Danger	H311 H302 H314 H400	
235	disodium tetraborate decahydrate; borax decahydrate	1303-96-4	Repr. 1B	H360FD	Danger	H360FD	
236	disulfiram; tetraethylthiuram disulfide	97-77-8	Acute Tox. 4 (oral) STOT RE 2 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H302 H373 ^(a) H317 H400 H410	Warning	H302 H373 ^(a) H317 H410	
237	disulfoton (ISO); O,O-diethyl 2-ethylthioethyl phosphorodithioate	298-04-4	Acute Tox. 1 (dermal) Acute Tox. 2 (oral) Aquatic Acute 1 Aquatic Chronic 1	H310 H300 H400 H410	Danger	H300+H310 H410	
238	disulphur dichloride; sulfur monochloride	10025- 67-9	Acute Tox. 3 (oral) Acute Tox. 4 (inh) Skin Corr. 1A Eye Dam. 1 Aquatic Acute 1	H301 H332 H314 H318 H400	Danger	H301 H332 H314 H400	
239	2,2'-dithio di(ethylammonium) bis(dibenzylthio carbamate)	239446- 62-9	Acute Tox. 4 (oral) Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H302 H317 H400 H410	Warning	H302 H317 H410	
240	diuron (ISO) ^(R) ; 3-(3,4-dichlorophenyl)- 1,1-dimethylurea	330-54-1	Carc. 2 Acute Tox. 4 (oral) STOT RE 2 Aquatic Acute 1 Aquatic Chronic 1	H351 H302 H373 (blood) H400 H410	Warning	H351 H302 H373 (blood) H410	
241	divanadium pentaoxide ^(R) ; vanadium pentoxide	1314-62-1	Muta. 2 Repr. 2 STOT RE 1 Acute Tox. 4 (inh) Acute Tox. 4 (oral) STOT SE 3 Aquatic Chronic 2	H341 H361d H372 (respiratory system) H332 H302 H335 H411	Danger	H341 H361d H372 (respiratory system) H302+H332 H335 H411	
242	divanadyl pyrophosphate	65232- 89-5	Acute Tox. 4 (oral) Eye Dam. 1 Skin Sens. 1 Aquatic Chronic 2	H302 H318 H317 H411	Danger	H302 H318 H317 H411	
243	dixanthogen; O,O-diethyl dithiobis(thioformate)	502-55-6	Acute Tox. 4 (oral)	H302	Warning	H302	
244	DNOC (ISO); dinitro-o-cresol	534-52-1	Muta. 2 Acute Tox. 2 (inh) Acute Tox. 1 (dermal) Acute Tox. 2 (oral) Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H341 H330 H310 H300 H315 H318 H317 H400 H410	Danger	H341 H300+H310+H330 H315 H318 H317 H410	
245	(Z)-13-docosenyl-N,N- bis(2-hydroxyethyl)- N-methyl-ammonium- chloride	120086- 58-0	Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	H314 H318 H400 H410	Danger	H314 H410	
246	dodecyldiphenyl phosphate	27460- 02-2	Skin Irrit. 2 Aquatic Chronic 3	H315 H412	Warning	H315 H412	



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
247	endrin (ISO); 1,2,3,4,10,10-hexachloro- 6,7-epoxy- 1,4,4a,5,6,7,8,8a- octahydro- 1,4:5,8- dimethanonaphthalene	72-20-8	Acute Tox. 2 (oral) Acute Tox. 3 (dermal) Aquatic Acute 1 Aquatic Chronic 1	H300 H311 H400 H410	Danger	H300 H311 H410	 
248	epichlorohydrin; 1-chloro-2,3- epoxypropane	106-89-8	Flam. Liq. 3 Carc. 1B Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) Skin Corr. 1B Eye Dam. 1 Skin Sens. 1	H226 H350 H331 H311 H301 H314 H318 H317	Danger	H226 H350 H301+H311+H331 H314 H317	   
249	2-(3,4-epoxycyclohexyl) ethyltriethoxy silane	10217- 34-2	Skin Sens. 1 Aquatic Chronic 3	H317 H412	Warning	H317 H412	
250	ethanethiol; ethyl mercaptan	75-08-1	Flam. Liq. 2 Acute Tox. 4 (inh) Aquatic Acute 1 Aquatic Chronic 1	H225 H332 H400 H410	Danger	H225 H332 H410	  
251	ethanol; ethyl alcohol	64-17-5	Flam. Liq. 2	H225	Danger	H225	
252	O,O'-(ethenylmethylsilylene) di[(4-methylpentan-2- one)oxime]	156145- 66-3	Repr. 2 Acute Tox. 4 (oral) STOT RE 2	H361f H302 H373 ^(a)	Warning	H361f H302 H373 ^(a)	 
253	ethion (ISO); O,O,O',O'-tetraethyl S,S'- methylenedi (phosphorodithioate); diethion	563-12-2	Acute Tox. 3 (oral) Acute Tox. 4 (dermal) Aquatic Acute 1 Aquatic Chronic 1	H301 H312 H400 H410	Danger	H301 H312 H410	 
254	2-ethoxyethanol (EGEE) ^(R1) ; ethylene glycol monoethyl ether	110-80-5	Flam. Liq. 3 Repr. 1B Acute Tox. 3 (inh) Acute Tox. 4 (oral)	H226 H360FD H331 H302	Danger	H226 H360FD H331 H302	  
255	2-ethoxyethyl acetate (EGEEA); ethylglycol acetate	111-15-9	Flam. Liq. 3 Repr. 1B Acute Tox. 4 (inh) Acute Tox. 4 (dermal) Acute Tox. 4 (oral)	H226 H360FD H332 H312 H302	Danger	H226 H360FD H302+H312+H332	  
256	(4-ethoxyphenyl) (3-(4-fluoro-3- phenoxyphenyl)propyl) dimethylsilane	105024- 66-6	Repr. 1B Aquatic Acute 1 Aquatic Chronic 1	H360F H400 H410	Danger	H360F H410	 
257	ethyl 2-cyanoacrylate	7085- 85-0	Eye Irrit. 2 STOT SE 3 Skin Irrit. 2	H319 H335 H315	Warning	H319 H335 H315	
258	ethyl acetate	141-78-6	Flam. Liq. 2 Eye Irrit. 2 STOT SE 3	H225 H319 H336	Danger	H225 H319 H336	 
259	ethyl benzene ^(R1)	100-41-4	Flam. Liq. 2 Acute Tox. 4 (inh) Asp. Haz. 1 STOT RE 2	H225 H332 H304 H373 (hearing organs)	Danger	H225 H332 H304 H373 (hearing organs)	  
260	ethyl chloride; chloroethane	75-00-3	Flam. Gas 1 Press. Gas ^(c) Carc. 2 Aquatic Chronic 3	H220 H280/281 ^(d) H351 H412	Danger	H220 H280/281 ^(d) H351 H412	  

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
261	ethyl formate	109-94-4	Flam. Liq. 2 Acute Tox. 4 (inh) Acute Tox. 4 (oral) Eye Irrit. 2 STOT SE 3	H225 H332 H302 H319 H335	Danger	H225 H302+H332 H319 H335	 
262	ethyl nitrate	625-58-1	Unst. Expl	H200	Danger	H200	
263	ethyl nitrite	109-95-5	Flam. Gas 1 Press. Gas ^(c) Acute Tox. 4 (inh) Acute Tox. 4 (dermal) Acute Tox. 4 (oral)	H220 H280/281 ^(d) H332 H312 H302	Danger	H220 H280/281 ^(d) H302+H312+H332	  
264	O-ethyl O-4-nitrophenyl phenylphosphonothioate; EPN	2104-64-5	Acute Tox. 1 (dermal) Acute Tox. 2 (oral) Aquatic Acute 1 Aquatic Chronic 1	H310 H300 H400 H410	Danger	H300+H310 H410	 
265	ethyl propoxy aluminium chloride	13014-29-4	Water-react. 1 Skin Corr. 1A Eye Dam. 1	H260 H314 H318	Danger	H260 H314	 
266	ethylamine	75-04-7	Flam. Gas 1 Press. Gas ^(c) Eye Irrit. 2 STOT SE 3	H220 H280/281 ^(d) H319 H335	Danger	H220 H280/281 ^(d) H319 H335	  
267	ethylene	74-85-1	Flam. Gas 1 Press. Gas ^(c) STOT SE 3	H220 H280/281 ^(d) H336	Danger	H220 H280/281 ^(d) H336	  
268	ethylene dibromide	106-93-4	Carc. 1B Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Aquatic Chronic 2	H350 H331 H311 H301 H319 H335 H315 H411	Danger	H350 H301+H311+H331 H319 H335 H315 H411	  
269	ethylene dichloride; 1,2-dichloroethane	107-06-2	Flam. Liq. 2 Carc. 1B Acute Tox. 4 (oral) Eye Irrit. 2 STOT SE 3 Skin Irrit. 2	H225 H350 H302 H319 H335 H315	Danger	H225 H350 H302 H319 H335 H315	  
270	ethylene glycol dinitrate ^(R1) ; ethylene dinitrate	628-96-6	Unst. Expl. Acute Tox. 2 (inh) Acute Tox.1 (dermal) Acute Tox. 2 (oral) STOT RE 2	H200 H330 H310 H300 H373 (blood)	Danger	H200 H300+H310+H330 H373 (blood)	  
271	ethylene oxide; oxirane	75-21-8	Press. Gas ^(c) Flam. Gas 1 Carc. 1B Muta. 1B Acute Tox. 3 (inh) Eye Irrit. 2 STOT SE 3 Skin Irrit. 2	H280/281 ^(d) H220 H350 H340 H331 H319 H335 H315	Danger	H280/281 ^(d) H220 H350 H340 H331 H319 H335 H315	   
272	ethylenediamine; 1,2-diaminoethane	107-15-3	Flam. Liq. 3 Acute Tox. 4 (dermal) Acute Tox. 4 (oral) Skin Corr. 1B Eye Dam. 1 Resp. Sens. 1 Skin Sens. 1	H226 H312 H302 H314 H318 H334 H317	Danger	H226 H302+H312 H314 H334 H317	   



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
273	ethylenimine; aziridine	151-56-4	Flam. Liq. 2 Carc. 1B Muta. 1B Acute Tox. 2 (inh) Acute Tox. 1 (dermal) Acute Tox. 2 (oral) Skin Corr. 1B Eye Dam. 1 Aquatic Chronic 2	H225 H350 H340 H330 H310 H300 H314 H318 H411	Danger	H225 H350 H340 H300+H310+H330 H314 H411	
274	O-ethylhydroxylamine	624-86-2	Flam. Liq. 2 Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) STOT RE 1 Eye Irrit. 2 Skin Sens. 1 Aquatic Acute 1	H225 H331 H311 H301 H372 ^(a) H319 H317 H400	Danger	H225 H301+H311+H331 H372 ^(a) H319 H317 H400	
275	fenamiphos (ISO) ^(R1) ; ethyl-4-methylthio- m-tolyl isopropyl phosphoramidate	22224- 92-6	Acute Tox. 2 (oral) Acute Tox. 2 (dermal) Acute Tox. 2 (inh) Eye Irrit. 2 Aquatic Acute 1 Aquatic Chronic 1	H300 H310 H330 H319 H400 H410	Danger	H300+H310+H330 H319 H410	
276	fenchlorphos (ISO); O,O-dimethyl O-2,4,5- trichlorophenyl phosphorothioate	299-84-3	Acute Tox. 4 (dermal) Acute Tox. 4 (oral) Aquatic Acute 1 Aquatic Chronic 1	H312 H302 H400 H410	Warning	H302+H312 H410	
277	ferbam (ISO); iron tris(dimethyldithio- carbamate)	14484- 64-1	Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Aquatic Acute 1 Aquatic Chronic 1	H319 H335 H315 H400 H410	Warning	H319 H335 H315 H410	
278	ferrous sulfate heptahydrate	7782- 63-0	Acute Tox. 4 (oral) Eye Irrit. 2 Skin Irrit. 2	H302 H319 H315	Warning	H302 H319 H315	
279	fluorine	7782-41-4	Press. Gas ^(c) Ox. Gas 1 Acute Tox. 2 (inh) Skin Corr. 1A Eye Dam. 1	H280/281 ^(d) H270 H330 H314 H318	Danger	H280/281 ^(d) H270 H330 H314	
280	fluoroboric acid ^(h) (i) C ≥ 25%	16872-11-0	Skin Corr. 1B Eye Dam. 1	H314 H318	Danger	H314	
	(ii) 10% ≤ C < 25%		Skin Irr. 2 Eye Irr. 2	H315 H319	Warning	H315 H319	
281	fluorosilicic acid	16961- 83-4	Skin Corr. 1B Eye Dam. 1	H314 H318	Danger	H314	
282	fluorosulphonic acid	7789-21-1	Acute Tox. 4 (inh) Skin Corr. 1A Eye Dam. 1	H332 H314 H318	Danger	H332 H314	
283	fonofos (ISO); O-ethyl phenyl ethylphosphonodithio- ioate	944-22-9	Acute Tox. 1 (dermal) Acute Tox. 2 (oral) Aquatic Acute 1 Aquatic Chronic 1	H310 H300 H400 H410	Danger	H300+H310 H410	

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
284	formaldehyde ^(R1)	50-00-0	Carc.1B Muta. 2 Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) Skin Corr. 1B Eye Dam. 1 Skin Sens. 1 STOT SE 3	H350 H341 H331 H311 H301 H314 H317 H318 H317 H335	Danger	H350 H341 H301+H311+H331 H314 H317 H335	
285	4-formylphenylboronic acid	87199-17-5	Skin Sens. 1	H317	Warning	H317	
286	furfuryl alcohol ^(R1)	98-00-0	Carc. 2 Acute Tox. 3 (inh) Acute Tox. 4 (dermal) Acute Tox. 4 (oral) STOT RE 2 Eye Irrit. 2 STOT SE 3	H351 H331 H312 H302 H373 (liver, kidney, CNS) H319 H335	Danger	H351 H331 H302+H312 H373 (liver, kidney, CNS) H319 H335	
287	glutaraldehyde ^(R1) ; glutaral; 1,5-pentanedial	111-30-8	Acute Tox. 2 (inh) Acute Tox. 3 (oral) Skin Corr. 1B Eye Dam. 1 STOT SE 3 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 2	H330 H301 H314 H318 H335 H334 H317 H400 H411	Danger	H330 H301 H314 H335 H334 H317 H400 H411	
288	glycerol trinitrate ^(R1) ; nitroglycerine	55-63-0	Expl. 1.1 Acute Tox. 2 (inh) Acute Tox. 1 (dermal) Acute Tox. 2 (oral) STOT RE 2 Aquatic Chronic 2	H201 H330 H310 H300 H373 ^(a) H411	Danger	H201 H300+H310+H330 H373 ^(a) H411	
289	glycidol; 2,3-epoxypropan-1-ol; oxiranemethanol	556-52-5	Carc. 1B Muta. 2 Repr. 1B Acute Tox. 3 (inh) Acute Tox. 4 (dermal) Acute Tox. 4 (oral) Eye Irrit. 2 STOT SE 3 Skin Irrit. 2	H350 H341 H360F H331 H312 H302 H319 H335 H315	Danger	H350 H341 H360F H331 H302+H312 H319 H335 H315	
290	glyphosine (ISO); N,N-bis(phosphonomethyl)glycine	2439-99-8	Eye Dam. 1	H318	Danger	H318	
291	heazlewoodite	12035-71-1	Carc. 1A Muta. 2 STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H372 ^(a) H317 H400 H410	Danger	H350i H341 H372 ^(a) H317 H410	
292	n-heptane	142-82-5	Flam. Liq. 2 Asp. Haz. 1 Skin Irrit. 2 STOT SE 3 Aquatic Acute 1 Aquatic Chronic 1	H225 H304 H315 H336 H400 H410	Danger	H225 H315 H304 H336 H410	
293	hexachlorocyclopentadiene	77-47-4	Acute Tox. 2 (inh) Acute Tox. 3 (dermal) Acute Tox. 4 (oral) Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	H330 H311 H302 H314 H318 H400 H410	Danger	H330 H311 H302 H314 H410	



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
294	hexamethylene diisocyanate	822-06-0	Acute Tox. 3 (inh) Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Resp. Sens. 1 Skin Sens. 1	H331 H319 H335 H315 H334 H317	Danger	H331 H319 H335 H315 H334 H317	 
295	hexamethylphosphoric triamide; hexamethylphosphor- amide	680-31-9	Carc. 1B Muta. 1B	H350 H340	Danger	H350 H340	
296	<i>n</i> -hexane	110-54-3	Flam. Liq. 2 Repr. 2 Asp. Haz. 1 STOT RE 2 Skin Irrit. 2 STOT SE 3 Aquatic Chronic 2	H225 H361f H304 H373 ^(a) H315 H336 H411	Danger	H225 H361f H304 H373 ^(a) H315 H336 H411	   
297	hexasodium 7-(4-(4-(2,5-di sulphonatoanilino)- 6-fluoro-1,3,5-triazin- 2-ylamino)-2-methyl phenylazo)-7-sulpho natonaphthylazo)naph- thalene-1,3,5- trisulphonate	85665- 96-9	Skin Sens. 1	H317	Warning	H317	
298	3-hexylheptamethyl trisiloxane	1873-90-1	Acute Tox. 4 (inh) Aquatic Chronic 4	H332 H413	Warning	H332 H413	
299	<i>n</i> -hexyllithium	21369- 64-2	Water-react. 1 Pyr. Sol. 1 Skin Corr. 1A Eye Dam. 1	H260 H250 H314 H318	Danger	H260 H250 H314	 
300	hydrazine	302-01-2	Flam. Liq. 3 Carc. 1B Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) Skin Corr. 1B Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H226 H350 H331 H311 H301 H314 H317 H318 H317 H400 H410	Danger	H226 H350 H301+H311+H331 H314 H317 H410	    
301	(4-hydrazinophenyl)- N-methyl methanesulfonamide hydrochloride	81880- 96-8	Muta. 2 Acute Tox. 3 (oral) STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H341 H301 H372 ^(a) H317 H400 H410	Danger	H341 H301 H372 ^(a) H317 H410	  
302	hydrazobenzene; 1,2-diphenylhydrazine	122-66-7	Carc. 1B Acute Tox. 4 (oral) Aquatic Acute 1 Aquatic Chronic 1	H350 H302 H400 H410	Danger	H350 H302 H410	  
303	hydrochloric acid, aqueous solution ^(h) (i) C > 25%	7647-01-0	Skin Corr. 1B Eye Dam. 1 STOT SE 3	H314 H318 H335	Danger	H314 H335	 
	(ii) 10% ≤ C ≤ 25%		Skin Irrit. 2 Eye Irrit. 2 STOT SE 3	H315 H319 H335	Warning	H315 H319 H335	
304	hydrofluoric acid	7664- 39-3	Acute Tox. 2 (inh) Acute Tox. 1 (dermal) Acute Tox. 2 (oral) Skin Corr. 1A Eye Dam. 1	H330 H310 H300 H314 H318	Danger	H300+H310+H330 H314	 

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
305	hydrogen	1333-74-0	Flam. Gas 1 Press. Gas ^(c)	H220 H280/281 ^(d)	Danger	H220 H280/281 ^(d)	 
306	hydrogen bromide	10035-10-6	Press. Gas ^(c) Skin Corr. 1A Eye Dam. 1 STOT SE 3	H280/281 ^(d) H314 H318 H335	Danger	H280/281 ^(d) H314 H335	  
307	hydrogen chloride; hydrochloric acid gas; hydrochloride	7647-01-0	Press. Gas ^(c) Acute Tox. 3 (inh) Skin Corr. 1A Eye Dam. 1	H280/281 ^(d) H331 H314 H318	Danger	H280/281 ^(d) H331 H314	  
308	hydrogen cyanide; hydrocyanic acid	74-90-8	Flam. Liq. 1 Acute Tox. 2 (inh) Aquatic Acute 1 Aquatic Chronic 1	H224 H330 H400 H410	Danger	H224 H330 H410	  
309	hydrogen fluoride	7664-39-3	Acute Tox. 2 (inh) Acute Tox. 1 (dermal) Acute Tox. 2 (oral) Skin Corr. 1A Eye Dam. 1	H330 H310 H300 H314 H318	Danger	H300+H310+H330 H314	 
310	hydrogen peroxide solution	7722-84-1	Ox. Liq. 1 Acute Tox. 4 (inh) Acute Tox. 4 (oral) Skin Corr. 1A Eye Dam. 1 STOT SE 3	H271 H332 H302 H314 H318 H335	Danger	H271 H302+H332 H314 H335	  
311	hydrogen sulfide ^(R1)	7783-06-4	Flam. Gas 1 Press. Gas ^(c) STOT SE 1 Acute Tox. 2 (inh) Aquatic Acute 1	H220 H280/281 ^(d) H370 (respiratory) (inh) H330 H400	Danger	H220 H280/281 ^(d) H370 (respiratory) (inh) H330 H400	    
312	hydroquinone; 1,4-dihydroxybenzene; quinol	123-31-9	Carc. 2 Muta. 2 Acute Tox. 4 (oral) Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1	H351 H341 H302 H318 H317 H400	Danger	H351 H341 H302 H318 H317 H400	   
313	hydroxo(2- (benzenesulfonamido) benzoato)zinc(II)	113036-91-2	Acute Tox. 4 (inh) Aquatic Chronic 2	H332 H411	Warning	H332 H411	 
314	hydroxy aluminium bis(2,4,8,10-tetra-tert- butyl-6-hydroxy-12H- dibenzo[d,g][1,3,2] dioxaphosphocin-6- oxide)	151841-65-5	Aquatic Chronic 2	H411	No signal word	H411	
315	(1-hydroxydodecylidene) diphosphonic acid	16610-63-2	Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	H314 H318 H400 H410	Danger	H314 H410	 
316	hydroxylammonium nitrate	13465-08-2	Expl. 1.1 ^(f) Carc. 2 Acute Tox. 3 (dermal) Acute Tox. 4 (oral) STOT RE 2 Eye Irrit. 2 Skin Irrit. 2 Skin Sens. 1 Aquatic Acute 1	H201 H351 H311 H302 H373 ^(e) H319 H315 H317 H400	Danger	H201 H351 H311 H302 H373 ^(e) H319 H315 H317 H400	   
317	3-(hydroxyphenyl phosphinyl)propanoic acid	14657-64-8	Eye Dam. 1	H318	Danger	H318	



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
318	hydroxyphosphonoacetic acid	23783-26-8	Acute Tox. 4 (oral) STOT RE 2 Skin Corr. 1B Eye Dam. 1 Skin Sens. 1	H302 H373 ^(a) H314 H318 H317	Danger	H302 H373 ^(a) H314 H317	
319	2,2'-iminodiethanol; diethanolamine	111-42-2	Acute Tox. 4 (oral) STOT RE 2 Skin Irrit. 2 Eye Dam. 1	H302 H373 ^(a) H315 H318	Danger	H302 H373 ^(a) H315 H318	
320	iodine	7553-56-2	Acute Tox. 4 (inh) Acute Tox. 4 (dermal) Aquatic Acute 1	H332 H312 H400	Warning	H312+H332 H400	
321	2-(3-iodoprop-2-yn-1-yloxy)ethyl phenylcarbamate	88558-41-2	Acute Tox. 4 (inh) Eye Dam. 1 Aquatic Chronic 3	H332 H318 H412	Danger	H332 H318 H412	
322	IPSP; S-ethylsulphonylmethyl O,O-diisopropyl phosphorodithioate	5827-05-4	Acute Tox. 1 (dermal) Acute Tox. 3 (oral) Aquatic Acute 1 Aquatic Chronic 1	H310 H301 H400 H410	Danger	H310 H301 H410	
323	iron (II) sulfate; ferrous sulfate	7720-78-7	Acute Tox. 4 (oral) Eye Irrit. 2 Skin Irrit. 2	H302 H319 H315	Warning	H302 H319 H315	
324	2,4,5-T (ISO); 2,4,5-trichlorophenoxy acetic acid	93-76-5	Acute Tox. 4 (oral) Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Aquatic Acute 1 Aquatic Chronic 1	H302 H319 H335 H315 H400 H410	Warning	H302 H319 H335 H315 H410	
325	2, 4-D (ISO); 2,4-dichlorophenox acetic acid	94-75-7	Acute Tox. 4 (oral) STOT SE 3 Eye Dam. 1 Skin Sens. 1 Aquatic Chronic 3	H302 H335 H318 H317 H412	Danger	H302 H335 H318 H317 H412	
326	isoamyl acetate	123-92-2	Flam. Liq. 3	H226	Warning	H226	
327	isobutyl acetate	110-19-0	Flam. Liq. 2	H225	Danger	H225	
328	isobutyl alcohol; 2-methylpropan-1-ol; iso-butanol	78-83-1	Flam. Liq. 3 STOT SE 3 Skin Irrit. 2 Eye Dam. 1	H226 H335,H336 H315 H318	Danger	H226 H335, H336 H315 H318	
329	isobutyl nitrite	542-56-3	Flam. Liq. 2 Carc. 1B Muta. 2 Acute Tox. 4 (inh) Acute Tox. 4 (oral)	H225 H350 H341 H332 H302	Danger	H225 H350 H341 H302+H332	
330	isobutylisopropyl dimethoxysilane	111439-76-0	Flam. Liq. 3 Acute Tox. 4 (inh) Skin Irrit. 2	H226 H332 H315	Warning	H226 H332 H315	
331	O-isobutyl-N-ethoxy carbonylthiocarbamate; ethyl N-(2-methyl propoxycarbothioyl) carbamate	103122-66-3	Flam. Liq. 3 Carc. 1B Muta. 1B Acute Tox. 4 (oral) STOT RE 2 Skin Sens. 1 Aquatic Chronic 2	H226 H350 H340 H302 H373 ^(a) H317 H411	Danger	H226 H350 H340 H302 H373 ^(a) H317 H411	

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
332	isophorone; 3,5,5-trimethylcyclohex-2-enone	78-59-1	Carc. 2 Acute Tox. 4 (dermal) Acute Tox. 4 (oral) Eye Irrit. 2 STOT SE 3	H351 H312 H302 H319 H335	Warning	H351 H302+H312 H319 H335	
333	tris(isopropenyloxy) phenyl silane	52301-18-5	Aquatic Acute 1 Aquatic Chronic 1	H400 H410	Warning	H410	
334	isopropyl alcohol; propan-2-ol; isopropanol	67-63-0	Flam. Liq. 2 Eye Irrit. 2 STOT SE 3	H225 H319 H336	Danger	H225 H319 H336	
335	S-[2-(isopropylsulphonyl) ethyl] O,O-dimethyl phosphorothioate	2635-50-9	Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral)	H331 H311 H301	Danger	H301+H311+H331	
336	lead chromate	7758-97-6	Carc. 1B Repr. 1A STOT RE 2 Aquatic Acute 1 Aquatic Chronic 1	H350 H360Df H373 ^(a) H400 H410	Danger	H350 H360Df H373 ^(a) H410	
337	lead hexafluorosilicate	25808-74-6	Repr. 1A Acute Tox. 4 (inh) Acute Tox. 4 (oral) STOT RE 2 Aquatic Acute 1 Aquatic Chronic 1	H360Df H332 H302 H373 ^(a) H400 H410	Danger	H360Df H302+H332 H373 ^(a) H410	
338	lindane (ISO); γ-HCH or γ-BHC; γ-1,2,3,4,5,6- hexachlorocyclohexane	58-89-9	Acute Tox. 3 (oral) Acute Tox. 4 (inh) Acute Tox. 4 (dermal) STOT RE 2 Lact. Aquatic Acute 1 Aquatic Chronic 1	H301 H332 H312 H373 ^(a) H362 H400 H410	Danger	H301 H312+H332 H373 ^(a) H362 H410	
339	lithium	7439-93-2	Water-react. 1 Skin Corr. 1B Eye Dam. 1	H260 H314 H318	Danger	H260 H314	
340	lithium nickel dioxide	12031-65-1	Carc. 1A STOT RE 1 Skin Sens. 1	H350i H372 ^(a) H317	Danger	H350i H372 ^(a) H317	
341	lithium sodium hydrogen 4-amino-6-(5-(5-chloro- 2,6-difluoropyrimidin- 4-ylamino)-2- sulphonatophenylazo)- 5-hydroxy-3-(4-(2- (sulphonatooxy) ethylsulphonyl) phenylazo)naphthalene- 2,7-disulphonate	108624-00-6	Skin Sens. 1	H317	Warning	H317	
342	magnesium hexafluorosilicate	16949-65-8	Acute Tox. 3 (oral)	H301	Danger	H301	
343	magnesium phosphide; trimagnesium diphosphide	12057-74-8	Water-react. 1 Acute Tox. 1 (inh) Acute Tox. 2 (oral) Acute Tox. 3 (dermal) Aquatic Acute 1	H260 H330 H300 H311 H400	Danger	H260 H300+H330 H311 H400	
344	magnesium powder (pyrophoric)	7439-95-4	Water-react. 1 Pyr. Sol. 1	H260 H250	Danger	H260 H250	



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
345	malathion (ISO); 1,2-bis (ethoxycarbonyl) ethyl O,O-dimethyl phosphorodithioate	121-75-5	Acute Tox. 4 (oral) Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H302 H317 H400 H410	Warning	H302 H317 H410	
346	maleic anhydride	108-31-6	Acute Tox. 4 (oral) Skin Corr. 1B Resp. Sens. 1 Skin Sens. 1 Eye Dam. 1	H302 H314 H334 H317 H318	Danger	H302 H314 H334 H317	
347	manganese dioxide	1313-13-9	Acute Tox. 4 (inh) Acute Tox. 4 (oral)	H332 H302	Warning	H302+H332	
348	manganese sulphate	7785-87-7	STOT RE 2 Aquatic Chronic 2	H373 ^(a) H411	Warning	H373 ^(a) H411	
349	2,3-bis((2-mercaptoethyl) thio)-1-propanethiol	131538- 00-6	Acute Tox. 4 (oral) STOT RE 2 Aquatic Acute 1 Aquatic Chronic 1	H302 H373 ^(a) H400 H410	Warning	H302 H373 ^(a) H410	
350	mercury ^(R1)	7439- 97-6	Repr. 1B Acute Tox. 2 (inh) STOT RE 1 Aquatic Acute 1 Aquatic Chronic 1	H360D H330 H372 (CNS, peripheral nervous system, kidney, gingiva, card. system, blood system, liver) (inh) H400 H410	Danger	H360D H330 H372 (CNS, peripheral nervous system, kidney, gingiva, card. system, blood system, liver)(inh) H410	
351	mesityl oxide; 4-methylpent-3-en-2- one	141-79-7	Flam. Liq. 3 Acute Tox. 4 (inh) Acute Tox. 4 (dermal) Acute Tox. 4 (oral)	H226 H332 H312 H302	Warning	H226 H302+H312+H332	
352	methanethiol; methyl mercaptan	74-93-1	Flam. Gas. 1 Press. Gas ^(c) Acute Tox. 3 (inh) Aquatic Acute 1 Aquatic Chronic 1	H220 H280/281 ^(d) H331 H400 H410	Danger	H220 H280/281 ^(d) H331 H410	
353	methanol ^(R1)	67-56-1	Flam. Liq. 2 Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) STOT SE 1	H225 H331 H311 H301 H370 (CNS, visual organs)	Danger	H225 H301+H311+H331 H370 (CNS, visual organs)	
354	methomyl	16752- 77-5	Acute Tox. 2 (oral) Aquatic Acute 1 Aquatic Chronic 1	H300 H400 H410	Danger	H300 H410	
355	1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	Flam. Liq. 3 STOT SE 3	H226 H336	Warning	H226 H336	
356	2-methoxyethanol (EGME)	109-86-4	Flam. Liq. 3 Repr. 1B Acute Tox. 4 (inh) Acute Tox. 4 (dermal) Acute Tox. 4 (oral)	H226 H360FD H332 H312 H302	Danger	H226 H360FD H302+H312+H332	

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
357	2-methoxyethyl acetate (EGMEA); methylglycol acetate	110-49-6	Repr. 1B Acute Tox. 4 (inh) Acute Tox. 4 (dermal) Acute Tox. 4 (oral)	H360FD H332 H312 H302	Danger	H360FD H302+H312+H332	 
358	P,P,P',P'-tetrakis-(o-methoxyphenyl) propane-1,3-diphosphine	116163-96-3	Aquatic Acute 1 Aquatic Chronic 1	H400 H410	Warning	H410	
359	methyl [2-(1,1-dimethylethyl)-6-methoxypyrimidin-4-yl] ethylphosphonothioate	117291-73-3	Acute Tox. 4 (oral) Aquatic Acute 1 Aquatic Chronic 1	H302 H400 H410	Warning	H302 H410	 
360	methyl 3-[(dimethoxy phosphinothioyl)oxy] methacrylate	30864-28-9	Acute Tox. 4 (oral) Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H302 H317 H400 H410	Warning	H302 H317 H410	 
361	methyl acetate	79-20-9	Flam. Liq. 2 Eye Irrit. 2 STOT SE 3	H225 H319 H336	Danger	H225 H319 H336	 
362	methyl acrylate	96-33-3	Flam. Liq. 2 Acute Tox. 4 (inh) Acute Tox. 4 (dermal) Acute Tox. 4 (oral) Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Skin Sens. 1	H225 H332 H312 H302 H319 H335 H315 H317	Danger	H225 H302+H312+H332 H319 H335 H315 H317	 
363	N-methyl aniline	100-61-8	Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) STOT RE 2 Aquatic Acute 1 Aquatic Chronic 1	H331 H311 H301 H373 ^(a) H400 H410	Danger	H301+H311+H331 H373 ^(a) H410	  
364	methyl bromide; bromomethane	74-83-9	Press. Gas ^(c) Muta. 2 Acute Tox. 3 (inh) Acute Tox. 3 (oral) STOT RE 2 Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Aquatic Acute 1 Ozone 1	H280/281 ^(d) H341 H331 H301 H373 ^(a) H319 H335 H315 H400 H420	Danger	H280/281 ^(d) H341 H301+H331 H373 ^(a) H319 H335 H315 H400 H420	   
365	methyl chloride	74-87-3	Flam. Gas 1 Press. Gas ^(c) Carc. 2 STOT RE 2	H220 H280/281 ^(d) H351 H373 ^(a)	Danger	H220 H280/281 ^(d) H351 H373 ^(a)	  
366	methyl ethyl ketone (MEK); butanone	78-93-3	Flam. Liq. 2 Eye Irrit. 2 STOT SE 3	H225 H319 H336	Danger	H225 H319 H336	 
367	methyl iodide; iodomethane	74-88-4	Carc. 2 Acute Tox. 4 (dermal) Acute Tox. 3 (inh) Acute Tox. 3 (oral) STOT SE 3 Skin Irrit. 2	H351 H312 H331 H301 H335 H315	Danger	H351 H312 H301+H331 H335 H315	 
368	methyl isocyanate	624-83-9	Flam. Liq. 2 Repr. 2 Acute Tox. 2 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) Resp. Sens. 1 Skin Sens. 1 STOT SE 3 Skin Irrit. 2 Eye Dam. 1	H225 H361d H330 H311 H301 H334 H317 H335 H315 H318	Danger	H225 H361d H330 H301+H311 H334 H317 H335 H315 H318	   



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
369	methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate	80-62-6	Flam. Liq. 2 STOT SE 3 Skin Irrit. 2 Skin Sens. 1	H225 H335 H315 H317	Danger	H225 H335 H315 H317	 
370	methyl <i>n</i> -amyl ketone; heptan-2-one	110-43-0	Flam. Liq. 3 Acute Tox. 4 (inh) Acute Tox. 4 (oral)	H226 H332 H302	Warning	H226 H302+H332	 
371	methyl <i>n</i> -butyl ketone ^(R1) ; hexan-2-one; butyl methyl ketone; methyl- <i>n</i> -butyl ketone	591-78-6	Flam. Liq. 3 Repr. 2 STOT RE 1 STOT SE 3	H226 H361f H372 (peripheral nervous system) H336	Danger	H226 H361f H372 (peripheral nervous system) H336	  
372	methylamine (gaseous form)	74-89-5	Flam. Gas 1 Press. Gas ^(c) Acute Tox. 4 (inh) STOT SE 3 Skin Irrit. 2 Eye Dam. 1	H220 H280/281 ^(d) H332 H335 H315 H318	Danger	H220 H280/281 ^(d) H332 H335 H315 H318	   
	methylamine (liquid form)		Flam. Liq 1 Acute Tox. 4 (oral) Acute Tox. 4 (inh) Skin Corr. 1B Eye Dam. 1	H224 H302 H332 H314 H318	Danger	H224 H302+H332 H314	  
373	<i>o</i> -methylcyclohexanone; 2-methylcyclohexanone	583-60-8	Flam. Liq. 3 Acute Tox. 4 (inh)	H226 H332	Warning	H226 H332	 
374	bis(1-methylethyl)- dimethoxysilane	18230-61-0	Flam. Liq. 3 Skin Irrit. 2 Skin Sens. 1 Aquatic Chronic 3	H226 H315 H317 H412	Warning	H226 H315 H317 H412	 
375	(1-methylethylidene)di- 4,1-phenylenetetraphenyl diphosphate	5945-33-5	Aquatic Chronic 4	H413	No signal word	H413	No hazard pictogram
376	2,2'-(methylimino) diethanol	105-59-9	Eye Irrit. 2	H319	Warning	H319	
377	4-methyl-N- (methylsulfonyl) benzenesulfonamide	14653-91-9	Acute Tox. 4 (oral) STOT SE 3 Eye Dam. 1	H302 H335 H318	Danger	H302 H335 H318	 
378	N-methyl-N,2,4,6- tetranitroaniline ^(R1) ; tetryl	479-45-8	Expl. 1.1 Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) STOT RE 2	H201 H331 H311 H301 H373 (kidney)	Danger	H201 H301+H311+H331 H373 (kidney)	  
379	4-methyl-N,N-bis(2- (((4-methylphenyl) sulfonyl)amino)ethyl) benzenesulfonamide	56187-04-3	Aquatic Chronic 4	H413	No signal word	H413	No hazard pictogram
380	4-methylpentan-2-one; isobutyl methyl ketone	108-10-1	Flam. Liq. 2 Acute Tox. 4 (inh) Eye Irrit. 2 STOT SE 3	H225 H332 H319 H335	Danger	H225 H332 H319 H335	 

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
381	1,6-bis(3,3-bis((1-methylpentylidenimino)propyl)ureido)hexane	771478-66-1	Acute Tox. 4 (dermal) Acute Tox. 4 (oral) STOT RE 2 Skin Corr. 1B Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H312 H302 H373 ^(a) H314 H317 H318 H317 H400 H410	Danger	H302+H312 H373 ^(a) H314 H317 H410	
382	tris(2-methylphenyl) phosphate; tricresyl phosphate (<i>o-o-o-</i> , <i>o-o-m-</i> , <i>o-o-p-</i> , <i>o-m-m-</i> , <i>o-m-p-</i> , <i>o-p-p-</i>); tritolyl phosphate (<i>o-o-o-</i> , <i>o-o-m-</i> , <i>o-o-p-</i> , <i>o-m-m-</i> , <i>o-m-p-</i> , <i>o-p-p-</i>)	78-30-8	STOT SE 1 Aquatic Chronic 2	H370 (nervous system) H411	Danger	H370 (nervous system) H411	
383	tris(4-methylphenyl) phosphate; tricresyl phosphate (<i>m-m-m-</i> , <i>m-m-p-</i> , <i>m-p-p-</i> , <i>p-p-p-</i>); tritolyl phosphate (<i>m-m-m-</i> , <i>m-m-p-</i> , <i>m-p-p-</i> , <i>p-p-p-</i>)	78-32-0	Acute Tox. 4 (dermal) Acute Tox. 4 (oral) Aquatic Chronic 2	H312 H302 H411	Warning	H302+H312 H411	
384	(4-methylphenyl) mesitylene sulfonate	67811-06-7	Aquatic Chronic 4	H413	No signal word	H413	No hazard pictogram
385	2-methylpropene	115-11-7	Flam. Gas 1 Press. Gas ^(c)	H220 H280/281 ^(d)	Danger	H220 H280/281 ^(d)	
386	(2-methylpropyl)lithium; isobutyllithium	920-36-5	Water-react. 1 Pyr. Liq. 1 Skin Corr. 1A Eye Dam. 1 STOT SE 3 Aquatic Acute 1 Aquatic Chronic 1	H260 H250 H314 H318 H336 H400 H410	Danger	H260 H250 H314 H336 H410	
387	3-methylpyrazol-5-yl-dimethylcarbamate; monometilan	2532-43-6	Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral)	H331 H311 H301	Danger	H301+H311+H331	
388	methyltriphenylphosphonium chloride	1031-15-8	Acute Tox. 4 (dermal) Acute Tox. 4 (oral) Skin Irrit. 2 Eye Dam. 1 Aquatic Chronic 2	H312 H302 H315 H318 H411	Danger	H302+H312 H315 H318 H411	
389	mevinphos (ISO); 2-methoxycarbonyl-1-methylvinyl dimethyl phosphate	7786-34-7	Acute Tox. 1 (dermal) Acute Tox. 2 (oral) Aquatic Acute 1 Aquatic Chronic 1	H310 H300 H400 H410	Danger	H300+H310 H410	
390	millerite	1314-04-1	Carc. 1A Muta. 2 STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H372 ^(a) H317 H400 H410	Danger	H350i H341 H372 ^(a) H317 H410	
391	molybdenum nickel hydroxide oxide phosphate	68130-36-9	Carc. 1A STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 ^(a) H334 H317 H400 H410	Danger	H350i H372 ^(a) H334 H317 H410	



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
392	molybdenum nickel oxide	12673-58-4	Carc. 1A STOT RE 1 Skin Sens. 1	H350i H372 ^(a) H317	Danger	H350i H372 ^(a) H317	
393	molybdenum nickel tetraoxide	14177-55-0	Carc. 1A STOT RE 1 Skin Sens. 1	H350i H372 ^(a) H317	Danger	H350i H372 ^(a) H317	
394	molybdenum trioxide	1313-27-5	Carc. 2 Eye Irrit. 2 STOT SE 3	H351 H319 H335	Warning	H351 H319 H335	
395	monocrotophos (ISO); dimethyl-1-methyl-2-(methylcarbamoyl)vinyl phosphate	6923-22-4	Muta. 2 Acute Tox. 2 (inh) Acute Tox. 2 (oral) Acute Tox. 3 (dermal) Aquatic Acute 1 Aquatic Chronic 1	H341 H330 H300 H311 H400 H410	Danger	H341 H300+H330 H311 H410	
396	morpholine	110-91-8	Flam. Liq. 3 Acute Tox. 4 (inh) Acute Tox. 4 (oral) Acute Tox. 4 (dermal) Skin Corr. 1B Eye Dam. 1	H226 H332 H312 H302 H314 H318	Danger	H226 H302+H312+H332 H314	
397	naphthalene	91-20-3	Carc. 2 Acute Tox. 4 (oral) Aquatic Acute 1 Aquatic Chronic 1	H351 H302 H400 H410	Warning	H351 H302 H410	
398	naphthenic acids, copper salts; copper naphthenate	1338-02-9	Flam. Liq. 3 Acute Tox. 4 (oral) Aquatic Acute 1 Aquatic Chronic 1	H226 H302 H400 H410	Warning	H226 H302 H410	
399	nickel	7440-02-0	Carc. 2 STOT RE 1 Skin Sens. 1	H351 (inh) H372 (resp. system) (inh) H317	Danger	H351 (inh) H372 (resp. system) (inh) H317	
400	nickel (II) sulfide	16812-54-7	Carc. 1A Muta. 2 STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H372 (resp. system) (inh) H317 H400 H410	Danger	H350i H341 H372 (resp. system) (inh) H317 H410	
401	nickel arsenide	27016-75-7	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 ^(a) H317 H400 H410	Danger	H350i H372 ^(a) H317 H410	
402	nickel barium titanium primrose priderite; C.I. Pigment Yellow 157	68610-24-2	Carc. 1A STOT RE 1 Skin Sens. 1	H350i H372 ^(a) H317	Danger	H350i H372 ^(a) H317	
403	nickel bis(4-cyclohexylbutyrate)	3906-55-6	Carc. 1A Muta. 2 Repr. 1B STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360D H372 ^(a) H334 H317 H400 H410	Danger	H350i H341 H360D H372 ^(a) H334 H317 H410	
404	nickel bis(dihydrogen phosphate)	18718-11-1	Carc. 1A STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 (resp. system) (inh) H334 H317 H400 H410	Danger	H350i H372 (resp. system) (inh) H334 H317 H410	

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
405	nickel bis(phosphinate)	14507-36-9	Carc. 1A STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 ^(a) H334 H317 H400 H410	Danger	H350i H372 ^(a) H334 H317 H410	
406	nickel bis(sulfamidate); nickel sulfamate	13770-89-3	Carc. 1A Muta. 2 Repr. 1B STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360D H372 (resp. system) (inh) H334 H317 H400 H410	Danger	H350i H341 H360D H372 (resp. system) (inh) H334 H317 H410	
407	nickel bis(tetrafluoroborate)	14708-14-6	Carc. 1A Muta. 2 Repr. 1B STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360D H372 ^(a) H334 H317 H400 H410	Danger	H350i H341 H360D H372 ^(a) H334 H317 H410	
408	nickel boride; (boranylidynenickelyli dyne)borane	12619-90-8	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 ^(a) H317 H400 H410	Danger	H350i H372 ^(a) H317 H410	
409	nickel boride (NiB); nickelylidyneborane	12007-00-0	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 ^(a) H317 H400 H410	Danger	H350i H372 ^(a) H317 H410	
410	nickel boron phosphide	65229-23-4	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 ^(a) H317 H400 H410	Danger	H350i H372 ^(a) H317 H410	
411	nickel chromate	14721-18-7	Carc. 1A STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 ^(a) H334 H317 H400 H410	Danger	H350i H372 ^(a) H334 H317 H410	
412	nickel diarsenide	12068-61-0	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 ^(a) H317 H400 H410	Danger	H350i H372 ^(a) H317 H410	
413	nickel dibenzoate	553-71-9	Carc. 1A Muta. 2 Repr. 1B STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360D H372 ^(a) H334 H317 H400 H410	Danger	H350i H341 H360D H372 ^(a) H334 H317 H410	
414	nickel dibromide	13462-88-9	Carc. 1A Muta. 2 Repr. 1B STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360D H372 ^(a) H334 H317 H400 H410	Danger	H350i H341 H360D H372 ^(a) H334 H317 H410	



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
415	nickel dichloride	7718-54-9	Carc. 1A Muta. 2 Repr. 1B Acute Tox. 3 (inh) Acute Tox. 3 (oral) STOT RE 1 Skin Irrit. 2 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360D H331 H301 H372 (resp. system) (inh) H315 H334 H317 H400 H410	Danger	H350i H341 H360D H301+H331 H372 (resp. system) (inh) H315 H334 H317 H410	  
416	nickel dichromate	15586-38-6	Carc. 1A Muta. 2 Repr. 1B STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360D H372(a) H334 H317 H400 H410	Danger	H350i H341 H360D H372(a) H334 H317 H410	 
417	nickel dicyanide	557-19-7	Carc. 1A STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372(a) H334 H317 H400 H410	Danger	H350i H372(a) H334 H317 H410	 
418	nickel difluoride	10028-18-9	Carc. 1A Muta. 2 Repr. 1B STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360D H372(a) H334 H317 H400 H410	Danger	H350i H341 H360D H372(a) H334 H317 H410	 
419	nickel diformate	3349-06-2	Carc. 1A Muta. 2 Repr. 1B STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360D H372(a) H334 H317 H400 H410	Danger	H350i H341 H360D H372(a) H334 H317 H410	 
420	nickel dihydroxide	12054-48-7	Carc. 1A Repr. 1B Muta. 2 STOT RE 1 Acute Tox. 4 (inh) Acute Tox. 4 (oral) Skin Irrit. 2 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H360D H341 H372 (resp. system) (inh) H332 H302 H315 H334 H317 H400 H410	Danger	H350i H360D H341 H372 (resp. system) (inh) H302+H332 H315 H334 H317 H410	  
421	nickel diiodide	13462-90-3	Carc. 1A Muta. 2 Repr. 1B STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360D H372(a) H334 H317 H400 H410	Danger	H350i H341 H360D H372(a) H334 H317 H410	 
422	nickel dilactate	16039-61-5	Carc. 1A Muta. 2 Repr. 1B STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360D H372(a) H334 H317 H400 H410	Danger	H350i H341 H360D H372(a) H334 H317 H410	 

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
423	nickel dioxide	12035-36-8	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Chronic 4	H350i H372 (resp. system) H317 H413	Danger	H350i H372 (resp. system) H317 H413	
424	nickel dipotassium bis(sulfate)	13842-46-1	Carc. 1A Muta. 2 Repr. 1B STOT RE 1 Acute Tox. 4 (inh) Acute Tox. 4 (oral) Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360D H372(a) H332 H302 H334 H317 H400 H410	Danger	H350i H341 H360D H372(a) H302+H332 H334 H317 H410	
425	nickel disilicide	12201-89-7	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372(a) H317 H400 H410	Danger	H350i H372(a) H317 H410	
426	nickel dithiocyanate	13689-92-4	Carc. 1A Muta. 2 Repr. 1B STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360D H372(a) H334 H317 H400 H410	Danger	H350i H341 H360D H372(a) H334 H317 H410	
427	nickel divanadium hexaoxide	52502-12-2	Carc. 1A STOT RE 1 Skin Sens. 1	H350i H372(a) H317	Danger	H350i H372(a) H317	
428	nickel hexafluorosilicate	26043-11-8	Carc. 1A Muta. 2 Repr. 1B STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360D H372(a) H334 H317 H400 H410	Danger	H350i H341 H360D H372(a) H334 H317 H410	
429	nickel hydrogen phosphate	14332-34-4	Carc. 1A STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372(a) H334 H317 H400 H410	Danger	H350i H372(a) H334 H317 H410	
430	nickel hydroxide	11113-74-9	Carc. 1A Repr. 1B Muta. 2 STOT RE 1 Acute Tox. 4 (inh) Acute Tox. 4 (oral) Skin Irrit. 2 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H360D H341 H372(a) H332 H302 H315 H334 H317 H400 H410	Danger	H350i H360D H341 H372(a) H302+H332 H315 H334 H317 H410	
431	nickel matte	69012-50-6	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 (resp. system) (inh) H317 H400 H410	Danger	H350i H372 (resp. system) (inh) H317 H410	



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
432	nickel monoxide	1313-99-1	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Chronic 4	H350i H372 (resp. system) (inh) H317 H413	Danger	H350i H372 (resp. system) (inh) H317 H413	
433	nickel oxalate	547-67-1	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 ^(a) H317 H400 H410	Danger	H350i H372 ^(a) H317 H410	
434	nickel oxide	11099-02-8	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Chronic 4	H350i H372 (resp. system) (inh) H317 H413	Danger	H350i H372 (resp. system) (inh) H317 H413	
435	nickel phosphinate	36026-88-7	Carc. 1A STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 ^(a) H334 H317 H400 H410	Danger	H350i H372 ^(a) H334 H317 H410	
436	nickel potassium fluoride	11132-10-8	Carc. 1A Muta. 2 Repr. 1B STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360D H372 ^(a) H334 H317 H400 H410	Danger	H350i H341 H360D H372 ^(a) H334 H317 H410	
437	nickel powder [particle diameter < 1 mm]	7440-02-0	Carc. 2 STOT RE 1 Skin Sens. 1 Aquatic Chronic 3	H351 (inh) H372 (resp. system) (inh) H317 H412	Danger	H351 (inh) H372 (resp. system) (inh) H317 H412	
438	nickel selenate	15060-62-5	Carc. 1A Muta. 2 Repr. 1B STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360D H372 ^(a) H334 H317 H400 H410	Danger	H350i H341 H360D H372 ^(a) H334 H317 H410	
439	nickel selenide	1314-05-2	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 ^(a) H317 H400 H410	Danger	H350i H372 ^(a) H317 H410	
440	nickel sulfate	7786-81-4	Carc. 1A Muta. 2 Repr. 1B STOT RE 1 Acute Tox. 4 (inh) Acute Tox. 4 (oral) Skin Irrit. 2 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360D H372 (resp. system, male genitalia) (inh) H332 H302 H315 H334 H317 H400 H410	Danger	H350i H341 H360D H372 (resp. system, male genitalia) (inh) H302+H332 H315 H334 H317 H410	
441	nickel sulfide	11113-75-0	Carc. 1A Muta. 2 STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H372 (resp. system) (inh) H317 H400 H410	Danger	H350i H341 H372 (resp. system) (inh) H317 H410	

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
442	nickel telluride	12142-88-0	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372(a) H317 H400 H410	Danger	H350i H372(a) H317 H410	
443	nickel tellurium tetraoxide	15852-21-8	Carc. 1A STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372(a) H334 H317 H400 H410	Danger	H350i H372(a) H334 H317 H410	
444	nickel tellurium trioxide	15851-52-2	Carc. 1A STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372(a) H334 H317 H400 H410	Danger	H350i H372(a) H334 H317 H410	
445	nickel tin trioxide; nickel stannate	12035-38-0	Carc. 1A STOT RE 1 Skin Sens. 1	H350i H372(a) H317	Danger	H350i H372(a) H317	
446	nickel titanium oxide	12653-76-8	Carc. 1A STOT RE 1 Skin Sens. 1	H350i H372(a) H317	Danger	H350i H372(a) H317	
447	nickel titanium trioxide	12035-39-1	Carc. 1A STOT RE 1 Skin Sens. 1	H350i H372(a) H317	Danger	H350i H372(a) H317	
448	nickel triuranium decaoxide	15780-33-3	Carc. 1A STOT RE 1 Skin Sens. 1	H350i H372(a) H317	Danger	H350i H372(a) H317	
449	nickel tungsten tetraoxide	14177-51-6	Carc. 1A STOT RE 1 Skin Sens. 1	H350i H372(a) H317	Danger	H350i H372(a) H317	
450	nickel zirkonium trioxide	70692-93-2	Carc. 1A STOT RE 1 Skin Sens. 1	H350i H372(a) H317	Danger	H350i H372(a) H317	
451	nickel(II) octanoate	4995-91-9	Carc. 1A Muta. 2 Repr. 1B STOT RE 1 Skin Corr. 1A Eye Dam. 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360D H372(a) H314 H318 H334 H317 H400 H410	Danger	H350i H341 H360D H372(a) H314 H334 H317 H410	
452	nickel(II) selenite	10101-96-9	Carc. 1A STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372(a) H334 H317 H400 H410	Danger	H350i H372(a) H334 H317 H410	
453	nickel(II) silicate	21784-78-1	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372(a) H317 H400 H410	Danger	H350i H372(a) H317 H410	



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
454	nickel(II) stearate; nickel(II) octadecanoate	2223-95-2	Carc. 1A Muta. 2 Repr. 1B STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360D H372 ^(a) H334 H317 H400 H410	Danger	H350i H341 H360D H372 ^(a) H334 H317 H410	
455	nickel(II) sulfite	7757-95-1	Carc. 1A STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 ^(a) H334 H317 H400 H410	Danger	H350i H372 ^(a) H334 H317 H410	
456	nitric acid ^{(R1), (H)} i) C ≥ 99%	7697-37-2	Ox. Liq. 2 Skin Corr. 1A Eye Dam. 1	H272 H314 H318	Danger	H272 H314	
	ii) 65 ≤ C < 99 %		Ox. Liq. 3 Skin Corr. 1A Eye Dam. 1	H272 H314 H318	Danger	H272 H314	
	iii) 20 ≤ C < 65 % ^(e)		Skin Corr. 1A Eye Dam. 1	H314 H318	Danger	H314	
	iv) 5 ≤ C < 20 % ^(e)		Skin Corr. 1B Eye Dam. 1	H314 H318	Danger	H314	
457	p-nitroaniline	100-01-6	Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) STOT RE 2 Aquatic Chronic 3	H331 H311 H301 H373 ^(a) H412	Danger	H301+H311+H331 H373 ^(a) H412	
458	nitrobenzene ^(R1)	98-95-3	Carc. 2 Repr. 1B Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) STOT RE 1 Aquatic Chronic 3	H351 H360F H331 H311 H301 H372 (blood) H412	Danger	H351 H360F H301+H311+H331 H372 (blood) H412	
459	nitroethane	79-24-3	Flam. Liq. 3 Acute Tox. 4 (inh) Acute Tox. 4 (oral)	H226 H332 H302	Warning	H226 H302+H332	
460	nitrogen dioxide	10102-44-0	Press. Gas ^(c) Ox. Gas 1 Acute Tox. 2 (inh) Skin Corr. 1B Eye Dam. 1	H280/281 ^(d) H270 H330 H314 H318	Danger	H280/281 ^(d) H270 H330 H314	
461	nitromethane	75-52-5	Flam. Liq. 3 Acute Tox. 4 (oral)	H226 H302	Warning	H226 H302	
462	1-nitropropane	108-03-2	Flam. Liq. 3 Acute Tox. 4 (inh) Acute Tox. 4 (dermal) Acute Tox. 4 (oral)	H226 H332 H312 H302	Warning	H226 H302+H312+H332	
463	2-nitropropane	79-46-9	Flam. Liq. 3 Carc. 1B Acute Tox. 4 (inh) Acute Tox. 4 (oral)	H226 H350 H332 H302	Danger	H226 H350 H302+H332	
464	o-nitrotoluene; 2-nitrotoluene	88-72-2	Carc. 1B Muta. 1B Repr. 2 Acute Tox. 4 (oral) Aquatic Chronic 2	H350 H340 H361f H302 H411	Danger	H350 H340 H361f H302 H411	

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
465	<i>p</i> -nitrotoluene ^(R1) ; 4-nitrotoluene	99-99-0	Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) STOT RE 2 Aquatic Chronic 2	H331 H311 H301 H373 (blood, liver, immune system) H411	Danger	H301+H311+H331 H373 (blood, liver, immune system) H411	  
466	octamethylcyclotetra siloxane	556-67-2	Repr. 2 Aquatic Chronic 4	H361f H413	Warning	H361f H413	
467	<i>n</i> -octane	111-65-9	Flam. Liq. 2 Asp. Haz.1 Skin Irrit. 2 STOT SE 3 Aquatic Acute 1 Aquatic Chronic 1	H225 H304 H315 H304 H336 H400 H410	Danger	H225 H315 H304 H336 H410	   
468	olivine, nickel green	68515- 84-4	Carc. 1A STOT RE 1 Skin Sens. 1	H350i H372 ^(a) H317	Danger	H350i H372 ^(a) H317	 
469	oxo-((2,2,6,6- tetramethylpiperidin- 4-yl)amino) carbonylaceto-hydrazide	122035- 71-6	Eye Dam. 1 Skin Sens. 1	H318 H317	Danger	H318 H317	 
470	oxonickel; bunsenite	34492- 97-2	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Chronic 4	H350i H372 ^(a) H317 H413	Danger	H350i H372 ^(a) H317 H413	 
471	α-[3-(1-oxoprop-2- enyl)-1-oxypropyl] dimethoxysilyloxy-ω- [3(1-oxoprop-2-enyl)-1- oxypropyl]dimethoxysilyl poly(dimethylsiloxane)	193159- 06-7	Skin Sens. 1	H317	Warning	H317	
472	oxygen	7782-44-7	Ox. Gas 1 Press. Gas ^(c)	H270 H280/281 ^(d)	Danger	H270 H280/281 ^(d)	 
473	parathion (ISO) ^(R1) ; O,O-diethyl O-4-nitrophenyl phosphorothioate	56-38-2	Acute Tox. 2 (inh) Acute Tox. 2 (oral) Acute Tox. 3 (dermal) STOT RE 1 Aquatic Acute 1 Aquatic Chronic 1	H330 H300 H311 H372 (nervous system) H400 H410	Danger	H300+H330 H311 H372 (nervous system) H410	  
474	parathion-methyl (ISO); O,O-dimethyl O-4-nitrophenyl phosphorothioate	298-00-0	Flam. Liq. 3 Acute Tox. 2 (inh) Acute Tox. 2 (oral) Acute Tox. 3 (dermal) STOT RE 2 Aquatic Acute 1 Aquatic Chronic 1	H226 H330+H330 H311 H373 ^(a) H410	Danger	H226 H300+H330 H311 H373 ^(a) H410	   
475	pentachlorophenol	87-86-5	Carc. 2 Acute Tox. 2 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Aquatic Acute 1 Aquatic Chronic 1	H351 H330 H311 H301 H319 H335 H315 H400 H410	Danger	H351 H330 H301+H311 H319 H335 H315 H410	  
476	pentane	109-66-0	Flam. Liq. 2 Asp. Haz. 1 STOT SE 3 Aquatic Chronic 2	H225 H304 H336 H411	Danger	H225 H304 H336 H411	   



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
477	perchloric acid ^(h) (i) C > 50%	7601-90-3	Ox. Liq. 1 Skin Corr. 1A Eye Dam. 1	H271 H314 H318	Danger	H271 H314	 
	(ii) C = 50%		Ox. Liq. 1 / 2 ^(g) Skin Corr. 1A Eye Dam. 1	H271/272 ^(g) H314 H318	Danger	H271/272 ^(g) H314	 
	(iii) 10% ≤ C < 50%		Ox. Liq. 2 Skin Corr. 1B Eye Dam. 1	H272 H314 H318	Danger	H272 H314	 
	(iv) 1% ≤ C < 10%		Ox. Liq. 2 Skin Irrit. 2 Eye Irrit. 2	H272 H315 H319	Danger	H272 H315 H319	 
478	perchloroethylene; tetrachloroethylene	127-18-4	Carc. 2 Aquatic Chronic 2	H351 H411	Warning	H351 H411	 
479	phenol; carbolic acid; monohydroxybenzene; phenylalcohol	108-95-2	Muta. 2 Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) STOT RE 2 Skin Corr. 1B Eye Dam. 1	H341 H331 H311 H301 H373 ^(e) H314 H318	Danger	H341 H301+H311+H331 H373 ^(e) H314	  
480	phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide	162881-26-7	Skin Sens. 1 Aquatic Chronic 4	H317 H413	Warning	H317 H413	
481	1-phenyl-3-(p-toluenesulfonyl)urea; 1-(4-methylphenyl)sulfonyl-3-phenylurea	13909-63-2	Acute Tox. 4 (oral) STOT RE 2 Aquatic Chronic 3	H302 H373 ^(e) H412	Warning	H302 H373 ^(e) H412	 
482	((4-phenylbutyl)hydroxyphosphoryl)acetic acid	83623-61-4	STOT RE 2 Eye Dam. 1 Skin Sens. 1	H373 ^(e) H318 H317	Danger	H373 ^(e) H318 H317	  
483	(4-phenylbutyl)phosphinic acid	86552-32-1	Carc. 2 Eye Dam. 1	H351 H318	Danger	H351 H318	 
484	m-phenylenediamine; 1,3-phenylenediamine	108-45-2	Muta. 2 Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) Eye Irrit. 2 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H341 H331 H301 H319 H317 H400 H410	Danger	H341 H301+H311+H331 H319 H317 H410	  
485	o-phenylenediamine; 1,2-phenylenediamine	95-54-5	Carc. 2 Muta. 2 Acute Tox. 3 (oral) Acute Tox. 4 (inh) Acute Tox. 4 (dermal) Eye Irrit. 2 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H351 H341 H301 H332 H312 H319 H317 H400 H410	Danger	H351 H341 H301 H312+H332 H319 H317 H410	  

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
486	<i>p</i> -phenylenediamine; 1,4-phenylenediamine	106-50-3	Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) Eye Irrit. 2 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H331 H311 H301 H319 H317 H400 H410	Danger	H301+H311+H331 H319 H317 H410	 
487	(R)- α -phenylethylammonium (-)-(1R, 2S)-(1,2-epoxypropyl) phosphonate monohydrate	25383-07-7	Repr. 2 Aquatic Chronic 2	H361f H411	Warning	H361f H411	 
488	2-phenylpropene; α -methylstyrene	98-83-9	Flam. Liq. 3 Eye Irrit. 2 STOT SE 3 Aquatic Chronic 2	H226 H319 H335 H411	Warning	H226 H319 H335 H411	  
489	phorate (ISO); O,O-diethyl ethylthiomethyl phosphorodithioate	298-02-2	Acute Tox. 1 (dermal) Acute Tox. 2 (oral) Aquatic Acute 1 Aquatic Chronic 1	H310 H300 H400 H410	Danger	H300+H310 H410	 
490	phosgene; carbonyl chloride	75-44-5	Press. Gas ^(c) Acute Tox. 2 (inh) Skin Corr. 1B Eye Dam. 1	H280/281 ^(d) H330 H314 H318	Danger	H280/281 ^(d) H330 H314	  
491	phosphine	7803-51-2	Flam. Gas 1 Press. Gas ^(c) Acute Tox. 2 (inh) Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1	H220 H280/281 ^(d) H330 H314 H318 H400	Danger	H220 H280/281 ^(d) H330 H314 H400	    
492	[phosphinyldynetris(oxy)] tris[3-aminopropyl-2- hydroxy-N,N-dimethyl-N- (C ₆₋₁₈)-alkyl] trichlorides	197179-61-6	Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	H318 H400 H410	Danger	H318 H410	 
493	phosphonic acid	13598-36-2	Acute Tox. 4 (oral) Skin Corr. 1A Eye Dam. 1	H302 H314 H318	Danger	H302 H314	 
494	phosphoric acid; orthophosphoric acid ^(h) (i) C $\geq$ 25 %	7664-38-2	Skin Corr. 1B Eye Dam. 1	H314 H318	Danger	H314	
	(ii) 10% $\leq$ C <25%		Skin Irr. 2 Eye Irr. 2	H315 H319	Warning	H315 H319	
495	phosphorous acid	10294-56-1	Acute Tox. 4 (oral) Skin Corr. 1A Eye Dam. 1	H302 H314 H318	Danger	H302 H314	 
496	phosphorus pentachloride	10026-13-8	Acute Tox. 2 (inh) Acute Tox. 4 (oral) STOT RE 2 Skin Corr. 1B Eye Dam. 1	H330 H302 H373 (bone) H314 H318	Danger	H330 H302 H373 (bone) H314	  
497	phosphorus pentoxide	1314-56-3	Skin Corr. 1A Eye Dam. 1	H314 H318	Danger	H314	
498	phosphorus tribromide	7789-60-8	Skin Corr. 1B STOT SE 3 Eye Dam. 1	H314 H335 H318	Danger	H314 H335	 



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
499	phosphorus trichloride	7719-12-2	Acute Tox. 2 (inh) Acute Tox. 2 (oral) STOT RE 2 Skin Corr. 1A Eye Dam. 1	H330 H300 H373 ^(a) H314 H318	Danger	H300+H330 H373 ^(a) H314	
500	phosphoryl trichloride	10025-87-3	Acute Tox. 2 (inh) STOT RE 1 Acute Tox. 4 (oral) Skin Corr. 1A Eye Dam. 1	H330 H372 (CNS, resp. system, kidney) H302 H314 H318	Danger	H330 H372 (CNS, resp. system, kidney) H302 H314	
501	phthalic anhydride	85-44-9	Acute Tox. 4 (oral) STOT SE 3 Skin Irrit. 2 Eye Dam. 1 Resp. Sens. 1 Skin Sens. 1	H302 H335 H315 H318 H334 H317	Danger	H302 H335 H315 H318 H334 H317	
502	picric acid; 2,4,6-trinitrophenol	88-89-1	Expl. 1.1 Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral)	H201 H331 H311 H301	Danger	H201 H301+H311+H331	
503	Portland Cement	65997-15-1	Skin Irrit. 2 Skin Sens. 1 Eye Dam. 1 STOT SE 3	H315 H317 H318 H335	Danger	H315 H317 H318 H335	
504	potasan; O,O-diethyl O-(4-methylcoumarin-7-yl) phosphorothioate	299-45-6	Acute Tox. 2 (inh) Acute Tox. 1 (dermal) Acute Tox. 2 (oral) Aquatic Acute 1 Aquatic Chronic 1	H330 H310 H300 H400 H410	Danger	H300+H310+H330 H410	
505	potassium	7440-09-7	Water-react. 1 Skin Corr. 1B Eye Dam. 1	H260 H314 H318	Danger	H260 H314	
506	potassium bifluoride; potassium hydrogen difluoride	7789-29-9	Acute Tox. 3 (oral) Skin Corr. 1B Eye Dam. 1	H301 H314 H318	Danger	H301 H314	
507	potassium bromate	7758-01-2	Ox. Sol. 1 Carc. 1B Acute Tox. 3 (oral)	H271 H350 H301	Danger	H271 H350 H301	
508	potassium chlorate	3811-04-9	Ox. Sol. 1 Acute Tox. 4 (inh) Acute Tox. 4 (oral) Aquatic Chronic 2	H271 H332 H302 H411	Danger	H271 H302+H332 H411	
509	potassium chromate	7789-00-6	Carc. 1B Muta. 1B Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H340 H319 H335 H315 H317 H400 H410	Danger	H350i H340 H319 H335 H315 H317 H410	

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
510	potassium dichromate	7778-50-9	Ox. Sol. 2 Carc. 1B Muta. 1B Repr. 1B Acute Tox. 2 (inh) Acute Tox. 3 (oral) Acute Tox. 4 (dermal) STOT RE 1 Skin Corr. 1B Eye Dam. 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H272 H350 H340 H360FD H330 H301 H312 H372 (resp. system) H314 H334 H317 H410	Danger	H272 H350 H340 H360FD H330 H301 H312 H372 (resp. system) H314 H334 H317 H410	    
511	potassium ferrite	12160-44-0	Skin Corr. 1B Eye Dam. 1 Skin Sens. 1	H314 H318 H317	Danger	H314 H317	 
512	potassium fluoride	7789-23-3	Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral)	H331 H311 H301	Danger	H301+H311+H331	
513	potassium hydrogensulphate	7646-93-7	Skin Corr. 1B Eye Dam. 1 STOT SE 3	H314 H318 H335	Danger	H314 H335	 
514	potassium hydroxide; caustic potash	1310-58-3	Acute Tox. 4 (oral) Skin Corr. 1A Eye Dam. 1	H302 H314 H318	Danger	H302 H314	 
515	potassium mu-fluoro-bis(triethylaluminium)	12091-08-6	Flam. Sol. 1 Water-react. 1 Skin Corr. 1A Eye Dam. 1 Acute Tox. 4 (inh)	H228 H260 H314 H318 H332	Danger	H228 H260 H314 H332	  
516	potassium nitrite	7758-09-0	Ox. Sol. 2 Acute Tox. 3 (oral) Aquatic Acute 1	H272 H301 H400	Danger	H272 H301 H400	  
517	potassium perchlorate	7778-74-7	Ox. Sol. 1 Acute Tox. 4 (oral)	H271 H302	Danger	H271 H302	 
518	potassium permanganate	7722-64-7	Ox. Sol. 2 Acute Tox. 4 (oral) Aquatic Acute 1 Aquatic Chronic 1	H272 H302 H400 H410	Danger	H272 H302 H410	  
519	potassium polysulphides	37199-66-9	Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1	H314 H318 H400	Danger	H314 H400	 
520	potassium titanium oxide (K ₂ Ti ₆ O ₁₃)	12056-51-8	Carc. 2	H351	Warning	H351	
521	2-(3-(prop-1-en-2-yl)phenyl)prop-2-yl isocyanate	2094-99-7	Acute Tox. 2 (inh) Skin Corr. 1B Eye Dam. 1 STOT RE 2 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H330 H314 H318 H373(e) H334 H317 H400 H410	Danger	H330 H314 H373(a) H334 H317 H410	   



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
522	prop-2-yn-1-ol; propargyl alcohol	107-19-7	Flam. Liq. 3 Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) Skin Corr. 1B Eye Dam. 1 Aquatic Chronic 2	H226 H331 H311 H301 H314 H318 H411	Danger	H226 H301+H311+H331 H314 H411	
523	propan-1-ol; <i>n</i> -propanol	71-23-8	Flam. Liq. 2 Eye Dam. 1 STOT SE 3	H225 H318 H336	Danger	H225 H318 H336	
524	1,3-propanesultone; 1,2-oxathiolane 2,2-dioxide	1120-71-4	Carc. 1B Acute Tox. 4 (dermal) Acute Tox. 4 (oral)	H350 H312 H302	Danger	H350 H302+H312	
525	propoxur (ISO); 2-isopropoxyphenyl N-methylcarbamate; 2-isopropoxyphenyl methylcarbamate	114-26-1	Acute Tox. 3 (oral) Aquatic Acute 1 Aquatic Chronic 1	H301 H400 H410	Danger	H301 H410	
526	propoxycarbazone- sodium	181274- 15-7	Aquatic Acute 1 Aquatic Chronic 1	H400 H410	Warning	H410	
527	<i>n</i> -propyl acetate	109-60-4	Flam. Liq. 2 Eye Irrit. 2 STOT SE 3	H225 H319 H336	Danger	H225 H319 H336	
528	propylene	115-07-1	Press. Gas ^(c) Flam. Gas 1	H280/281 ^(d) H220	Danger	H280/281 ^(d) H220	
529	propylene oxide ^(R1) ; 1,2-epoxypropane; methyloxirane	75-56-9	Flam. Liq. 1 Carc. 1B Muta. 1B Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 4 (oral) Eye Irrit. 2 STOT SE 3	H224 H350 H340 H331 H311 H302 H319 H335	Danger	H224 H350 H340 H311+H331 H302 H319 H335	
530	pyrazoxon; diethyl 3-methylpyrazol- 5-yl phosphate	108-34-9	Acute Tox. 2 (inh) Acute Tox. 1 (dermal) Acute Tox. 2 (oral)	H330 H310 H300	Danger	H300+H310+H330	
531	pyridine	110-86-1	Flam. Liq. 2 Acute Tox. 4 (inh) Acute Tox. 4 (dermal) Acute Tox. 4 (oral)	H225 H332 H312 H302	Danger	H225 H302+H312+H332	
532	red phosphorus	7723-14-0	Flam. Sol. 1 Aquatic Chronic 3	H228 H412	Danger	H228 H412	
533	(2R,6aS,12aS)- 1,2,6,6a,12,12a- hexahydro-2-isopropenyl- 8,9-dimethoxychromeno [3,4-b]furo[2,3-h] chromen-6-one, rotenone	83-79-4	Acute Tox. 3 (oral) Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Aquatic Acute 1 Aquatic Chronic 1	H301 H319 H335 H315 H400 H410	Danger	H301 H319 H335 H315 H410	
534	selenium	7782- 49-2	Acute Tox. 3 (inh) Acute Tox. 3 (oral) STOT RE 2 Aquatic Chronic 4	H331 H301 H373 ^(e) H413	Danger	H301+H331 H373 ^(e) H413	
535	silicon tetrachloride	10026- 04-7	Eye Irrit. 2 STOT SE 3 Skin Irrit. 2	H319 H335 H315	Warning	H319 H335 H315	

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
536	silver nitrate	7761-88-8	Ox. Sol. 2 Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	H272 H314 H318 H400 H410	Danger	H272 H314 H410	
537	sodium	7440-23-5	Water-react. 1 Skin Corr. 1B Eye Dam. 1	H260 H314 H318	Danger	H260 H314	
538	sodium ((N-(3trimethyl ammoniopropyl) sulfamoyl) methylsulfonatophthalocyaninato)copper(II)	124719-24-0	Eye Dam. 1	H318	Danger	H318	
539	sodium [29H,31H-phthalocyaninato-(2-)-N29,N30,N31,N32]-((3-(N-methyl-N-(2-hydroxy ethyl)amino)propyl) amino)sulfonyl-sulfonato, copper complex	150522-10-4	Skin Corr. 1B Eye Dam. 1	H314 H318	Danger	H314	
540	sodium 1-amino-4-[2-methyl-5-(4-methylphenyl sulfonylamino) phenylamino] anthraquinone-2-sulfonate	84057-97-6	Aquatic Chronic 2	H411	No signal word	H411	
541	sodium 2-anilino-5-(2-nitro-4-(N-phenylsulfamoyl)) anilinobenzenesulfonate	31361-99-6	Eye Dam. 1 Aquatic Chronic 3	H318 H412	Danger	H318 H412	
542	sodium 3,5-bis(tetradecyloxy carbonyl) benzenesulfinate	155160-86-4	Skin Sens. 1 Aquatic Chronic 2	H317 H411	Warning	H317 H411	
543	sodium azide	26628-22-8	Acute Tox. 2 (oral) Aquatic Acute 1 Aquatic Chronic 1	H300 H400 H410	Danger	H300 H410	
544	sodium bifluoride; sodium hydrogen difluoride	1333-83-1	Acute Tox. 3 (oral) Skin Corr. 1B Eye Dam. 1	H301 H314 H318	Danger	H301 H314	
545	sodium carbonate	497-19-8	Eye Irrit. 2	H319	Warning	H319	
546	sodium chlorate	7775-09-9	Ox. Sol. 1 Acute Tox. 4 (oral) Aquatic Chronic 2	H271 H302 H411	Danger	H271 H302 H411	
547	sodium chromate	7775-11-3	Carc. 1B Muta. 1B Repr. 1B Acute Tox. 2 (inh) Acute Tox. 3 (oral) Acute Tox. 4 (dermal) STOT RE 1 Skin Corr. 1B Eye Dam. 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350 H340 H360FD H330 H301 H312 H372 (resp. system, kidney) H314 H334 H317 H410 H400 H410	Danger	H350 H340 H360FD H330 H301 H312 H372 (resp. system, kidney) H314 H334 H410	



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
548	sodium cyanate	917-61-3	Acute Tox. 4 (oral) Aquatic Chronic 3	H302 H412	Warning	H302 H412	
549	sodium dichromate	10588-01-9	Ox. Sol. 2 Carc. 1B Muta. 1B Repr. 1B Acute Tox. 2 (inh) Acute Tox. 3 (oral) Acute Tox. 4 (dermal) STOT RE 1 Skin Corr. 1B Eye Dam. 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H272 H350 H340 H360FD H330 H301 H312 H372 (resp. system, blood) H314 H334 H317 H400 H410	Danger	H272 H350 H340 H360FD H330 H301 H312 H372 (resp. system, blood) H314 H334 H317 H410	    
550	sodium dithionite; sodium hydrosulphite	7775-14-6	Self-heat. 1 Acute Tox. 4 (oral)	H251 H302	Danger	H251 H302	 
551	sodium fluoride	7681-49-4	Acute Tox. 3 (oral) Eye Irrit. 2 Skin Irrit. 2	H301 H319 H315	Danger	H301 H319 H315	
552	sodium fluorosilicate; disodiumhexafluoro silicate; alkali fluorosilicates (Na)	16893-85-9	Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral)	H331 H311 H301	Danger	H301+H311+H331	
553	sodium hydride	7646-69-7	Water-react. 1	H260	Danger	H260	
554	sodium hydrogensulphate	7681-38-1	Eye Dam. 1	H318	Danger	H318	
555	sodium hydrogensulphite; sodium bisulphite	7631-90-5	Acute Tox. 4 (oral)	H302	Warning	H302	
556	sodium hydroxide ^{(R1), (H)} (i) C ≥ 5 %	1310-73-2	Skin Corr. 1A Eye Dam. 1	H314 H318	Danger	H314	
	(ii) 2 ≤ C < 5 %		Skin Corr. 1B Eye Dam. 1	H314 H318	Danger	H314	
	(iii) 0.5 ≤ C < 2 %		Skin Irrit. 2 Eye Irrit. 2	H315 H319	Warning	H315 H319	
557	sodium hypochlorite, solution	7681-52-9	Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1	H314 H318 H400	Danger	H314 H400	 
558	sodium metabisulphite	7681-57-4	Acute Tox. 4 (oral) Eye Dam. 1	H302 H318	Danger	H302 H318	 
559	sodium nitrite	7632-00-0	Ox. Sol. 3 Acute Tox. 3 (oral) Aquatic Acute 1	H272 H301 H400	Danger	H272 H301 H400	  

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
560	sodium perchlorate	7601-89-0	Ox. Sol. 1 Acute Tox. 4 (oral)	H271 H302	Danger	H271 H302	 
561	sodium peroxide	1313-60-6	Ox. Sol. 1 Skin Corr. 1A Eye Dam. 1	H271 H314 H318	Danger	H271 H314	 
562	sodium polysulphides	1344-08-7	Acute Tox. 3 (oral) Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1	H301 H314 H318 H400	Danger	H301 H314 H400	  
563	sodium selenite	10102-18-8	Acute Tox. 2 (oral) Acute Tox. 3 (inh) Skin Sens. 1 Aquatic Chronic 2	H300 H331 H317 H411	Danger	H300 H331 H317 H411	 
564	strontium chromate	7789-06-2	Carc. 1B Acute Tox. 4 (oral) Aquatic Acute 1 Aquatic Chronic 1	H350 H302 H400 H410	Danger	H350 H302 H410	  
565	strychnine	57-24-9	Acute Tox. 1 (dermal) Acute Tox. 2 (oral) Aquatic Acute 1 Aquatic Chronic 1	H310 H300 H400 H410	Danger	H300+H310 H410	 
566	styrene ^(R1)	100-42-5	Flam. Liq. 3 Acute Tox. 4 (inh) Eye Irrit. 2 Skin Irrit. 2 STOT RE 1 Repr. 2	H226 H332 H319 H315 H372 (hearing organs) H361d	Danger	H226 H332 H319 H315 H372 (hearing organs) H361d	  
567	styrene-4-sulfonyl chloride	2633-67-2	Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1	H315 H318 H317	Danger	H315 H318 H317	 
568	sulfur	7704-34-9	Skin Irrit. 2	H315	Warning	H315	
569	sulfur dioxide	7446-09-5	Press. Gas ^(c) Acute Tox. 3 (inh) Skin Corr. 1B Eye Dam. 1	H280/281 ^(d) H331 H314 H318	Danger	H280/281 ^(d) H331 H314	  
570	sulphamidic acid; sulphamic acid; sulfamic acid	5329-14-6	Eye Irrit. 2 Skin Irrit. 2 Aquatic Chronic 3	H319 H315 H412	Warning	H319 H315 H412	
571	sulphur dichloride	10545-99-0	Skin Corr. 1B Eye Dam. 1 STOT SE 3 Aquatic Acute 1	H314 H318 H335 H400	Danger	H314 H335 H400	  
572	sulphur tetrachloride	13451-08-6	Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1	H314 H318 H400	Danger	H314 H400	 
573	sulphuric acid ^{(R1), (H)} (i) C ≥ 15 %	7664-93-9	Skin Corr. 1A Eye Dam. 1	H314 H318	Danger	H314	
	(ii) 5 ≤ C < 15 %		Skin Irrit. 2 Eye Irrit. 2	H315 H319	Warning	H315 H319	



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
574	sulphuryl chloride	7791-25-5	Skin Corr. 1B Eye Dam. 1 STOT SE 3	H314 H318 H335	Danger	H314 H335	 
575	sulphuryl fluoride ^(R1)	2699-79-8	Press. Gas ^(c) Acute Tox. 3 (inh) STOT RE 2 Aquatic Acute 1	H280/281 ^(d) H331 H373 (kidney, resp. system, CNS, tooth/ bone) H400	Danger	H280/281 ^(d) H331 H373 (kidney, resp. system, CNS, tooth/ bone) H400	   
576	tetraammine palladium (II) hydrogen carbonate	134620-00-1	Acute Tox. 4 (oral) STOT RE 2 Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H302 H373 ^(a) H318 H317 H400 H410	Danger	H302 H373 ^(a) H318 H317 H410	   
577	1,1,2,2-tetrachloroethane	79-34-5	Acute Tox. 2 (inh) Acute Tox. 1 (dermal) Aquatic Chronic 2	H330 H310 H411	Danger	H310+H330 H411	 
578	1,1,2,2-tetrabromoethane	79-27-6	Acute Tox. 2 (inh) Eye Irrit. 2 Aquatic Chronic 3	H330 H319 H412	Danger	H330 H319 H412	
579	tetrabutylammonium butyltriphenylborate	120307-06-4	Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H317 H400 H410	Warning	H317 H410	 
580	tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate	220689-12-3	Acute Tox. 4 (oral) Aquatic Chronic 3	H302 H412	Warning	H302 H412	
581	tetracarbonylnickel; nickel tetracarbonyl	13463-39-3	Flam. Liq. 2 Carc. 2 Repr. 1B Acute Tox. 2 (inh) Aquatic Acute 1 Aquatic Chronic 1	H225 H351 H360D H330 H400 H410	Danger	H225 H351 H360D H330 H410	   
582	tetradecylammonium bis(1-(5-chloro-2-oxidophenylazo)-2-naphtholato)chromate(1-)	88377-66-6	STOT RE 2 Aquatic Chronic 4	H373 ^(a) H413	Warning	H373 ^(a) H413	
583	3,5-bis-(tetradecyloxy carbonyl) benzenesulfinic acid	141915-64-2	Skin Sens. 1 Aquatic Chronic 2	H317 H411	Warning	H317 H411	 
584	tetraethyl silicate; ethyl silicate	78-10-4	Flam. Liq. 3 Acute Tox. 4 (inh) Eye Irrit. 2 STOT SE 3	H226 H332 H319 H335	Warning	H226 H332 H319 H335	 
585	(R)-1,2,3,4-tetrahydro-6,7-dimethoxy-1-veratrylisoquinoline hydrochloride	54417-53-7	Acute Tox. 4 (oral) Aquatic Chronic 3	H302 H412	Warning	H302 H412	
586	tetrahydrofuran ^(R1)	109-99-9	Flam. Liq. 2 Eye Irrit. 2 STOT SE 3 Carc. 2	H225 H319 H335 H351	Danger	H225 H319 H335 H351	  
587	tetrahydrothiophene-1,1-dioxide; sulpholane	126-33-0	Acute Tox. 4 (oral)	H302	Warning	H302	

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
588	tetraisopropyldichloromethylenebisphosphonate	10596-22-2	Acute Tox. 4 (oral) Eye Irrit. 2 Skin Sens. 1	H302 H319 H317	Warning	H302 H319 H317	
589	tetrakis(dimethylditetradecylammonium)hexa-μ-oxotetra-μ3-oxodi-μ5-oxotetradeca-oxooctamolybdate(4-)	117342-25-3	Acute Tox. 3 (inh) Eye Dam. 1	H331 H318	Danger	H331 H318	
590	tetrakis(phenylmethyl)thioperoxydi(carbothioamide)	10591-85-2	Aquatic Chronic 4	H413	No signal word	H413	No hazard pictogram
591	tetrakis(trimethylhexadecylammonium)hexa-μ-oxotetra-μ3-oxodi-μ5-oxotetradeca-oxooctamolybdate(4-)	116810-46-9	Flam. Sol. 1 Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	H228 H318 H400 H410	Danger	H228 H318 H410	
592	N,N,N',N'-tetramethyldithiobis(ethylene)diamine dihydrochloride	17339-60-5	Acute Tox. 4 (oral) Eye Irrit. 2 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H302 H319 H317 H400 H410	Warning	H302 H319 H317 H410	
593	tetramethylthiuram monosulfide	97-74-5	Acute Tox. 4 (oral) Skin Sens. 1 Aquatic Chronic 2	H302 H317 H411	Warning	H302 H317 H411	
594	tetraphosphorus trisulphide; phosphorus sesquisulphid	1314-85-8	Flam. Sol. 2 Water-react. 1 Acute Tox. 4 (oral) Aquatic Acute 1	H228 H260 H302 H400	Danger	H228 H260 H302 H400	
595	tetrasodium [5-((4-amino-6-chloro-1,3,5-triazin-2-yl)amino)-2-((2-hydroxy-3,5-disulfonatophenylazo)-2-sulfonatobenzylidenehydrazino)benzoate] copper(II)	116912-62-0	Aquatic Chronic 3	H412	No signal word	H412	No hazard pictogram
596	tetrasodium 10-amino-6,13-dichloro-3-(3-(4-(2,5-disulfonatoanilino)-6-fluoro-1,3,5-triazin-2-ylamino)prop-3-ylamino)-5,12-dioxo-7,14-diazapentacene-4,11-disulfonate	109125-56-6	Eye Dam. 1	H318	Danger	H318	
597	tetrasodium 3,3'-(piperazine-1,4-diylbis((6-chloro-1,3,5-triazine-2,4-diyl)imino(2-acetamido)-4,1-phenyleneazo))bis(naphthalene-1,5-disulphonate)	81898-60-4	Skin Sens. 1	H317	Warning	H317	
598	tetrasodium 5-benzamido-3-(5-(4-fluoro-6-(1-sulphonato-2-naphthylamino)-1,3,5-triazin-2-ylamino)-2-sulphonatophenylazo)-4-hydroxynaphthalene-2,7-disulphonate	85665-97-0	Eye Irrit. 2 Skin Irrit. 2 Skin Sens. 1	H319 H315 H317	Warning	H319 H315 H317	
599	thionyl dichloride; thionyl chloride	7719-09-7	Acute Tox. 4 (inh) Acute Tox. 4 (oral) Skin Corr. 1A Eye Dam. 1	H332 H302 H314 H318	Danger	H302+H332 H314	



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
600	thiram (ISO); tetramethylthiuram disulphide	137-26-8	Acute Tox. 4 (inh) Acute Tox. 4 (oral) STOT RE 2 Eye Irrit. 2 Skin Irrit. 2 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H332 H302 H373 ^(a) H319 H315 H317 H400 H410	Warning	H302+H332 H373 ^(a) H319 H315 H317 H410	
601	tin tetrachloride; stannic chloride	7646- 78-8	Skin Corr. 1B Aquatic Chronic 3	H314 H412	Danger	H314 H412	
602	titanium tetrachloride	7550- 45-0	Skin Corr. 1B Eye Dam. 1	H314 H318	Danger	H314	
603	toluene; methylbenzene	108-88-3	Flam. Liq. 2 Repr. 2 Asp. Haz.1 STOT RE 2 Skin Irrit. 2 STOT SE 3	H225 H361d H304 H373 ^(a) H315 H336	Danger	H225 H361d H304 H373 ^(a) H315 H336	
604	toluene-2, 4-diisocyanate (TDI)	584-84-9	Carc. 2 Acute Tox. 2 (inh) Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Resp. Sens. 1 Skin Sens. 1 Aquatic Chronic 3	H351 H330 H319 H335 H315 H334 H317 H412	Danger	H351 H330 H319 H335 H315 H334 H317 H412	
605	N-(<i>p</i> -toluenesulfonyl)- N'-(3-(<i>p</i> -toluenesulfonyl oxy)phenyl)urea; 3-(((4-methylphenyl) sulfonyl]carbamoyl] amino)phenyl 4- methylbenzenesulfonate	232938- 43-1	Aquatic Chronic 2	H411	No signal word	H411	
606	N,N-bis(2-(<i>p</i> - toluenesulfonyloxy)ethyl)- <i>p</i> -toluenesulfonamide	16695- 22-0	Skin Sens. 1 Aquatic Chronic 4	H317 H413	Warning	H317 H413	
607	<i>m</i> -toluidine ^(R1) ; 3-aminotoluene	108-44-1	Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) STOT RE 2 Aquatic Acute 1	H331 H311 H301 H373 (blood) H400	Danger	H301+H311+H331 H373 (blood) H400	
608	<i>o</i> -toluidine; 2-aminotoluene	95-53-4	Carc. 1B Acute Tox. 3 (inh) Acute Tox. 3 (oral) Eye Irrit. 2 Aquatic Acute 1	H350 H331 H301 H319 H400	Danger	H350 H301+H331 H319 H400	
609	<i>p</i> -toluidine; 4-aminotoluene	106-49-0	Carc. 2 Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) Eye Irrit. 2 Skin Sens. 1 Aquatic Acute 1	H351 H331 H311 H301 H319 H317 H400	Danger	H351 H301+H311+H331 H319 H317 H400	
610	tributyl phosphate	126-73-8	Carc. 2 Acute Tox. 4 (oral) Skin Irrit. 2	H351 H302 H315	Warning	H351 H302 H315	
611	trichloro(methyl)silane; methyltrichlorosilane	75-79-6	Flam. Liq. 2 Eye Irrit. 2 STOT SE 3 Skin Irrit. 2	H225 H319 H335 H315	Danger	H225 H319 H335 H315	

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
612	1,2,4-trichlorobenzene	120-82-1	Acute Tox. 4 (oral) Skin Irrit. 2 Aquatic Acute 1 Aquatic Chronic 1	H302 H315 H400 H410	Warning	H302 H315 H410	
613	1,1,1-trichloroethane; methyl chloroform	71-55-6	Acute Tox. 4 (inh) Ozone 1	H332 H420	Warning	H332 H420	
614	1,1,2-trichloroethane	79-00-5	Carc. 2 Acute Tox. 4 (inh) Acute Tox. 4 (dermal) Acute Tox. 4 (oral)	H351 H332 H312 H302	Warning	H351 H302+H312+H332	
615	trichloroethylene; trichloroethene	79-01-6	Carc. 1B Muta. 2 Eye Irrit. 2 Skin Irrit. 2 STOT SE 3 Aquatic Chronic 3	H350 H341 H319 H315 H336 H412	Danger	H350 H341 H319 H315 H336 H412	
616	trichloronate (ISO); O-ethyl O-2,4,5- trichlorophenyl ethylphosphonothioate	327-98-0	Acute Tox. 2 (oral) Acute Tox. 3 (dermal) Aquatic Acute 1 Aquatic Chronic 1	H300 H311 H400 H410	Danger	H300 H311 H410	
617	trichlorosilane	10025-78-2	Flam. Liq. 1 Pyr. Liq. 1 Acute Tox. 4 (inh) Acute Tox. 4 (oral) Skin Corr. 1A Eye Dam. 1	H224 H250 H332 H302 H314 H318	Danger	H224 H250 H302+H332 H314	
618	triethoxyisobutylsilane	17980-47-1	Skin Irrit. 2	H315	Warning	H315	
619	S-(3-(triethoxysilyl) propyl)octanethioate	220727-26-4	Skin Sens. 1	H317	Warning	H317	
620	triethyl phosphate	78-40-0	Acute Tox. 4 (oral)	H302	Warning	H302	
621	triethylene glycol monobutyl ether	143-22-6	Eye Dam. 1	H318	Danger	H318	
622	trihydrogen hydroxybis [orthosilicato(4-)] trinickelate(3-)	12519-85-6	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372(a) H317 H400 H410	Danger	H350i H372(a) H317 H410	
623	trimellitic anhydride; benzene-1,2,4- tricarboxylic acid 1,2-anhydride	552-30-7	STOT SE 3 Eye Dam. 1 Resp. Sens. 1 Skin Sens. 1	H335 H318 H334 H317	Danger	H335 H318 H334 H317	
624	trimethyl borate	121-43-7	Flam. Liq. 3 Acute Tox. 4 (dermal)	H226 H312	Warning	H226 H312	
625	bis(N,N',N''-trimethyl- 1,4,7-triazacyclononane)- trioxo-dimanganese (IV) di(hexafluorophosphate) monohydrate	116633-53-5	Aquatic Chronic 2	H411	No signal word	H411	
626	bis(2,4,4-trimethylpentyl) dithiophosphonic acid	107667-02-7	Flam. Liq. 3 Acute Tox. 3 (inh) Acute Tox. 4 (oral) Skin Corr. 1B Eye Dam. 1 Aquatic Chronic 2	H226 H331 H302 H314 H318 H411	Danger	H226 H331 H302 H314 H411	



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
627	α -trimethylsilanyl- ω -trimethylsiloxypoly[oxy(methyl-3-(2-(2-methoxypropoxy)propoxy)propylsilanediy)]-co-oxy(dimethylsilane))	69430-40-6	Aquatic Chronic 4	H413	No signal word	H413	No hazard pictogram
628	N,N-bis(trimethylsilyl)aminopropylmethyl diethoxysilane	201290-01-9	Acute Tox. 4 (oral) Skin Sens. 1	H302 H317	Warning	H302 H317	
629	trinickel bis(arsenate); nickel(II) arsenate	13477-70-8	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350 H372 ^(a) H317 H400 H410	Danger	H350 H372 ^(a) H317 H410	  
630	trinickel bis(arsenite)	74646-29-0	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 ^(a) H317 H400 H410	Danger	H350i H372 ^(a) H317 H410	  
631	trinickel bis(orthophosphate)	10381-36-9	Carc. 1A STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 ^(a) H334 H317 H400 H410	Danger	H350i H372 ^(a) H334 H317 H410	 
632	trinickel boride	12007-02-2	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 ^(a) H317 H400 H410	Danger	H350i H372 ^(a) H317 H410	  
633	trinickel disulfide; nickel subsulfide	12035-72-2	Carc. 1A Muta. 2 STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H372 (resp. system) (inh) H317 H400 H410	Danger	H350i H341 H372 (resp. system) (inh) H317 H410	  
634	trinickel tetrasulfide	12137-12-1	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H372 ^(a) H317 H400 H410	Danger	H350i H372 ^(a) H317 H410	  
635	2,4,6-trinitrotoluene; TNT	118-96-7	Expl. 1.1 Acute Tox. 3 (inh) Acute Tox. 3 (dermal) Acute Tox. 3 (oral) STOT RE 2 Aquatic Chronic 2	H201 H331 H311 H301 H373 ^(a) H411	Danger	H201 H301+H311+H331 H373 ^(a) H411	   
636	triphenyl phosphite	101-02-0	Eye Irrit. 2 Skin Irrit. 2 Aquatic Acute 1 Aquatic Chronic 1	H319 H315 H400 H410	Warning	H319 H315 H410	 
637	(trisodium (2-((3-(6-(2-chloro-5-sulfonato)anilino)-4-(3-carboxypyridinio)-1,3,5-triazin-2-ylamino)-2-oxido-5-sulfonatophenylazo) phenylmethylazo)-4-sulfonatobenzoato) copper(3-) hydroxide	89797-01-3	Skin Sens. 1	H317	Warning	H317	

No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
638	trisodium 3-amino-6,13-dichloro-10-((3-((4-chloro-6-(2-sulphophenylamino)-1,3,5-triazin-2-yl)amino)propyl) amino)-4,11-triphenoxydioxazine disulfonate	136248-03-8	Skin Sens. 1	H317	Warning	H317	
639	trisodium 7-(4-(6-fluoro-4-(2-(2-vinylsulphonylethoxy)ethylamino)-1,3,5-triazin-2-ylamino)-2-ureidophenylazo) naphthalene-1,3,6-trisulphonate	106359-91-5	Skin Sens. 1	H317	Warning	H317	
640	trisodium bis(2-(5-chloro-4-nitro-2-oxidophenylazo)-5-sulphonato-1-naphtholato)chromate(1-)	93952-24-0	Eye Dam. 1 Aquatic Chronic 3	H318 H412	Danger	H318 H412	
641	trisodium hexafluoroaluminate (cryolite)	15096-52-3	STOT RE 1 Acute Tox. 4 (inh) Aquatic Chronic 2	H372 ^(a) H332 H411	Danger	H372 ^(a) H332 H411	  
642	trisodium hexafluoroaluminate	13775-53-6	STOT RE 1 Acute Tox. 4 (inh) Aquatic Chronic 2	H372 ^(a) H332 H411	Danger	H372 ^(a) H332 H411	  
643	trisodium(2-(α-(3-(4-chloro-6-(2-(2-(vinylsulfonyl)ethoxy)ethylamino)-1,3,5-triazin-2-ylamino)-2-oxido-5-sulfonatophenylazo)benzylidenehydrazino)-4-sulfonatobenzoato) copper(II)	130201-51-3	Eye Dam. 1	H318	Danger	H318	
644	trizinc bis(orthophosphate)	7779-90-0	Aquatic Acute 1 Aquatic Chronic 1	H400 H410	Warning	H410	
645	trizinc diphosphide; zinc phosphide	1314-84-7	Water-react. 1 Acute Tox. 2 (oral) Aquatic Acute 1 Aquatic Chronic 1	H260 H300 H400 H410	Danger	H260 H300 H410	  
646	turpentine, oil	8006-64-2	Flam. Liq. 3 Acute Tox. 4 (inh) Acute Tox. 4 (dermal) Acute Tox. 4 (oral) Asp. Haz. 1 Eye Irrit. 2 Skin Irrit. 2 Skin Sens. 1 Aquatic Chronic 2	H226 H332 H312 H302 H304 H319 H315 H317 H411	Danger	H226 H302+H312+H332 H304 H319 H315 H317 H411	   
647	vanadyl pyrophosphate	58834-75-6	Eye Irrit. 2 Skin Sens. 1 Aquatic Chronic 3	H319 H317 H412	Warning	H319 H317 H412	
648	vinyl acetate ^(Rt)	108-05-4	Flam. Liq. 2 Acute Tox. 4 (inh) STOT SE 3 Carc. 2	H225 H332 H335 H351	Danger	H225 H332 H335 H351	  
649	vinyl bromide; bromoethylene	593-60-2	Press. Gas ^(c) Flam. Gas 1 Carc. 1B	H280/281 ^(d) H220 H350	Danger	H280/281 ^(d) H220 H350	  



No.	Chemical Name	CAS No	Classification		Labelling		
			Classification Code	H-code	Signal Word	H-code	Hazard Pictogram
650	vinyl chloride; chloroethylene	75-01-4	Press. Gas ^(c) Flam. Gas 1 Carc. 1A	H280/281 ^(d) H220 H350	Danger	H280/281 ^(d) H220 H350	
651	white phosphorus	12185-10-3	Pyr. Sol. 1 Acute Tox. 2 (inh) Acute Tox. 2 (oral) Skin Corr. 1A Eye Dam. 1 Aquatic Acute 1	H250 H330 H300 H314 H318 H400	Danger	H250 H300+H330 H314 H400	
652	xylene o-xylene m-xylene p-xylene	1330-20-7 95-47-6 108-38-3 106-42-3	Flam. Liq. 3 Acute Tox. 4 (inh) Acute Tox. 4 (dermal) Skin Irrit. 2	H226 H332 H312 H315	Warning	H226 H312+H332 H315	
653	zinc bis (dibutyl)dithiocarbamate)	136-23-2	Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H319 H335 H315 H317 H400 H410	Warning	H319 H335 H315 H317 H410	
654	zinc bis (diethyldithiocarbamate)	14324-55-1	Acute Tox. 4 (oral) Eye Irrit. 2 STOT SE 3 Skin Irrit. 2 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H302 H319 H335 H315 H317 H400 H410	Warning	H302 H319 H335 H315 H317 H410	
655	zinc chloride	7646-85-7	Acute Tox. 4 (oral) Skin Corr. 1B Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	H302 H314 H318 H400 H410	Danger	H302 H314 H410	
656	zinc oxide	1314-13-2	Aquatic Acute 1 Aquatic Chronic 1	H400 H410	Warning	H410	
657	zinc powder - zinc dust (pyrophoric)	7440-66-6	Water-react. 1 Pyr. Sol. 1 Aquatic Acute 1 Aquatic Chronic 1	H260 H250 H400 H410	Danger	H260 H250 H410	
658	zinc powder - zinc dust (stabilised)	7440-66-6	Aquatic Acute 1 Aquatic Chronic 1	H400 H410	Warning	H410	
659	zinc sulphate, anhydrous	7733-02-0	Acute Tox. 4 (oral) Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	H302 H318 H400 H410	Danger	H302 H318 H410	
660	zinc sulphate, hydrous (mono-, hexa- and hepta hydrate)	7446-19-7	Acute Tox. 4 (oral) Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	H302 H318 H400 H410	Danger	H302 H318 H410	
661	zirconium powder (pyrophoric)	7440-67-7	Water-react. 1 Pyr. Sol. 1	H260 H250	Danger	H260 H250	
662	zirconium powder (non- pyrophoric)	7440-67-7	Self-heat. 1	H251	Danger	H251	



DEPARTMENT OF OCCUPATIONAL SAFETY AND HEALTH

Ministry of Human Resource Malaysia

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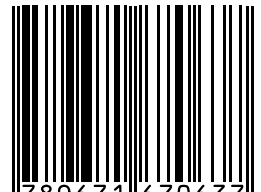
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ISBN 978-967-16706-3-7



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