

EN
Annexes 1 to 4
ANNEX I

In Annex II to Regulation (EC) No 1272/2008, in Part 2, the following section 2.12 is inserted:

‘2.12. Mixtures containing titanium dioxide.

The label on the packaging of liquid mixtures containing 1% or more of titanium dioxide particles with aerodynamic diameter equal to or below 10 µm shall bear the following statement:

EUH211: 'Warning! Hazardous droplets may be formed when sprayed. Do not breathe spray or mist. Follow the safety instructions'

The label on the packaging of solid mixtures containing 1% or more of titanium dioxide shall bear the following statement:

EUH212: 'Warning! Hazardous dust may be formed when used. Do not breathe dust. Follow the safety instructions.'

In addition, the label on the packaging of liquid and solid mixtures not intended for the general public and not classified as hazardous which are labelled with EUH211 or EUH212, shall bear statement EUH210.

ANNEX II

In Part 3 of Annex III to Regulation (EC) No 1272/2008, in Table 2.1, the following rows EUH 211 and EUH 212 are inserted:

'EUH211	Language	Warning! Hazardous droplets may be formed when sprayed. Do not breathe spray or mist. Follow the safety instructions.
EUH212	Language	Warning! Hazardous dust may be formed when used. Do not breathe dust. Follow the safety instructions.'

ANNEX III

Annex VI to Regulation (EC) No 1272/2008 is amended as follows:

(1) Part 1 is amended as follows:

(a) in point 1.1.3.1, the following notes V and W are added:

‘Note V:

If the substance is placed on the market as fibres (with diameter $< 3 \mu\text{m}$, length $> 5 \mu\text{m}$ and aspect ratio $\geq 3:1$) or particles of the substance fulfilling the WHO fibre criteria or as particles with modified surface chemistry their hazardous properties must be evaluated in accordance with Title II of Regulation (EC) No 1272/2008 to assess whether a higher category (Carc. 1B or 1A) and/or additional routes of exposure (oral or dermal) should be applied.

Note W:

The carcinogenicity hazard of this substance arises when dust is formed during handling or use and respirable dust is inhaled in not yet excessive conditions where the normal clearance mechanisms for particles in the lung alveolae are overwhelmed (lung overload)‘

(b) in point 1.1.3.2, the following note 10 is added:

‘Note 10:

The classification as a carcinogen by inhalation applies only to mixtures placed on the market in powder form containing 1% or more of titanium dioxide particles with aerodynamic diameter $\leq 10 \mu\text{m}$.’;

(2) in Part 3, Table 3 is amended as follows:

(a) the rows corresponding to index numbers 604-083-00-X and 611-159-00-6 are deleted;

(b) the rows corresponding to index numbers 015-189-00-5, 027-001-00-9, 028-018-00-4, 603-023-00-X, 605-005-00-7, 606-047-00-9, 607-232-00-7, 607-247-00-9, 608-039-00-0, 613-054-00-0, 616-018-00-2 and 648-055-00-5 are replaced by the following rows respectively:

Index No	Chemical name	EC No	CAS No	Classification		Labelling			Specific Conc. Limits, M-factors and ATEs	Notes
				Hazard Class and Category Code(s)	Hazard statement Code(s)	Pictogram, Signal Word Code(s)	Hazard statement Code(s)	Suppl. Hazard statement Code(s)		
'015-189-00-5	phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide	423-340-5	162881-26-7	Skin Sens. 1A Aquatic Chronic 4	H317 H413	GHS07 Wng	H317 H413'			
'027-001-00-9	cobalt	231-158-0	7440-48-4	Carc. 1B Muta. 2 Repr. 1B Resp. Sens. 1 Skin Sens. 1 Aquatic Chronic 4	H350 H341 H360F H334 H317 H413	GHS08 Dgr	H350 H341 H360F H334 H317 H413'			
'028-018-00-4	nickel bis(sulfamidate); nickel sulfamate	237-396-1	13770-89-3	Carc. 1A Muta. 2 Repr. 1B Acute Tox. 4 STOT RE 1 Resp. Sens. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H350i H341 H360D*** H302 H372** H334 H317 H400 H410	GHS08 GHS07 GHS09 Dgr	H350i H341 H360D*** H302 H372** H334 H317 H410	oral: ATE = 853 mg/kg bw (anhydrate) oral: ATE = 1098 mg/kg bw (tetrahydrate) STOT RE 1; H372: C ≥ 1 % STOT RE 2; H373: 0,1 % ≤ C < 1 % Skin Sens. 1; H317: C ≥ 0,01 % M=1'	H	
'603-023-00-X	ethylene oxide; oxirane	200-849-9	75-21-8	Flam. Gas 1 Press. Gas Carc. 1B	H220 H350 H340	GHS02 GHS08 GHS06	H220 H350 H340		inhalation: ATE = 700ppm (gases)	U

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				Hazard Class and Category Code(s)	Hazard statement Code(s)	Pictogram, Signal Word Code(s)	Hazard statement Code(s)	Suppl. Hazard statement Code(s)		
				Muta. 1B Repr. 1B Acute Tox. 3 Acute Tox. 3 STOT SE 3 STOT SE 3 STOT RE 1 Skin Corr. 1 Eye Dam. 1	H360Fd H331 H301 H335 H336 H372 (nervous system) H314 H318	GHS05 Dgr	H360Fd H331 H301 H335 H336 H372 (nervous system) H314		oral: ATE = 100 mg/kg bw'	
'605-005-00-7	metaldehyde (ISO); 2,4,6,8-tetramethyl-1,3,5,7-tetraoxacyclooctane	203-600-2	108-62-3	Flam. Sol. 2 Repr. 2 Acute Tox. 3 Aquatic Chronic 3	H228 H361f H301 H412	GHS02 GHS08 GHS06 Dgr	H228 H361f H301 H412		oral: ATE = 283 mg/kg bw'	
'606-047-00-9	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	119313-12-1	Repr. 1B Aquatic Acute 1 Aquatic Chronic 1	H360D H400 H410	GHS08 GHS09 Dgr	H360D H410'			
'607-232-00-7	pyridate (ISO); O-(6-chloro-3-phenylpyridazin-4-yl) S-octyl thiocarbonate	259-686-7	55512-33-9	Acute Tox. 4 Skin Irrit. 2 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H302 H315 H317 H400 H410	GSH07 GHS09 Wng	H302 H315 H317 H410		oral: ATE = 500 mg/kg bw M=1 M=10'	
'607-247-00-9	dodecyl methacrylate	205-570-6	142-90-5	STOT SE 3	H335	GHS07 Wng	H335		STOT SE 3; H335: C ≥ 10%'	
'608-039-00-0	2-phenylhexanenitrile	423-460-8	3508-98-3	Acute Tox. 4 Aquatic Chronic 2	H302 H411	GHS07 GHS09 Wng	H302 H411		oral: ATE = 500 mg/kg bw'	

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'613-054-00-0	thiabendazole (ISO); 2-(thiazol-4-yl)benzimidazole	205-725-8	148-79-8	Aquatic Acute 1 Aquatic Chronic 1	H400 H410	GHS09 Wng	H410		M=1 M=1'	
'616-018-00-2	diethyltoluamide (ISO): <i>N,N</i> -diethyl- <i>m</i> -toluamide; [deet]	205-149-7	134-62-3	Acute Tox. 4 Skin Irrit. 2 Eye Irrit. 2	H302 H315 H319	GHS07 Wng	H302 H315 H319		oral: ATE = 1892 mg/kg bw'	

(c) the following rows are inserted:

Index No	Chemical Name	EC No	CAS No	Classification		Labelling			Specific Conc. Limits, M-factors and ATEs	Notes
				Hazard Class and Category Code(s)	Hazard statement Code(s)	Pictogram, Signal Word Code(s)	Hazard statement Code(s)	Suppl. Hazard statement Code(s)		
'022-006-002	titanium dioxide; [in powder form containing 1% or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$]	236-675-5	13463-67-7	Carc. 2	H351 (inhalation)	GHS08 Wng	H351 (inhalation)			V, W, 10

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080-004-00-7	methylmercuric chloride	204-064-2	115-09-3	Carc. 2 Repr. 1A Lact. Acute Tox. 2 Acute Tox. 2 Acute Tox. 2 STOT RE 1 Aquatic Acute 1 Aquatic Chronic 1	H351 H360Df H362 H330 H310 H300 H372 (nervous system, kidneys) H400 H410	GHS08 GHS06 GHS09 Dgr	H351 H360Df H362 H330 H310 H300 H372 (nervous system, kidneys) H410		inhalation: ATE = 0,05 mg/l (dusts or mists) dermal: ATE = 50 mg/kg bw oral: ATE = 5 mg/kg bw	1
601-090-00-X	benzo[<i>rst</i>]pentaphene	205-877-5	189-55-9	Carc. 1B Muta. 2	H350 H341	GHS08 Dgr	H350 H341			
601-091-00-5	dibenzo[<i>b,def</i>]chrysene; dibenzo[<i>a,h</i>]pyrene	205-878-0	189-64-0	Carc. 1B Muta. 2	H350 H341	GHS08 Dgr	H350 H341			
603-236-00-8	ethanol, 2,2'-iminobis-, <i>N</i> -(C13-15-branched and linear alkyl) derivs.	308-208-6	97925-95-6	Repr. 1B	H360D	GHS08 Dgr	H360D			
607-733-00-0	cyflumetofen (ISO); 2-methoxyethyl (<i>RS</i>)-2-(4- <i>tert</i> -butylphenyl)-2-cyano-3-oxo-3-(α,α,α -trifluoro- <i>o</i> -tolyl)propionate	-	400882-07-7	Carc. 2 Skin Sens. 1A	H351 H317	GHS08 GHS07 Wng	H351 H317			
607-734-00-6	pentapotassium 2,2',2'',2''',2''''-(ethane-1,2-diylnitrilo)pentaacetate	404-290-3	7216-95-7	Repr. 1B Acute Tox. 4 STOT RE 2 Eye Irrit. 2	H360D H332 H373 (inhalation) H319	GHS08 GHS07 Dgr	H360D H332 H373 (inhalation) H319		inhalation: ATE = 1,5 mg/l (dusts or mists)	

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607-735-00-1	<i>N</i> -carboxymethyliminobis(ethylene nitrilo)tetra(acetic acid)	200-652-8	67-43-6	Repr. 1B Acute Tox. 4 STOT RE 2 Eye Irrit. 2	H360D H332 H373 (inhalation) H319	GHS08 GHS07 Dgr	H360D H332 H373 (inhalation) H319		inhalation: ATE = 1,5 mg/l (dusts or mists)	
607-736-00-7	pentasodium (carboxylatomethyl)iminobis(ethylenenitrilo)tetraacetate	205-391-3	140-01-2	Repr. 1B Acute Tox. 4 STOT RE 2	H360D H332 H373 (inhalation)	GHS08 GHS07 Dgr	H360D H332 H373 (inhalation)		inhalation: ATE = 1,5 mg/l (dusts or mists)	
607-737-00-2	diisohexyl phthalate	276-090-2	71850-09-4	Repr. 1B	H360FD	GHS08 Dgr	H360FD			
608-069-00-4	fludioxonil (ISO); 4-(2,2-difluoro-1,3-benzodioxol-4-yl)-1 <i>H</i> -pyrrole-3-carbonitrile	-	131341-86-1	Aquatic Acute 1 Aquatic Chronic 1	H400 H410	GHS09 Wng	H410		M=1 M=10	
613-329-00-5	halosulfuron-methyl (ISO); methyl 3-chloro-5-[[4,6-dimethoxypyrimidin-2-yl]carbamoil]sulfamoyl]-1-methyl-1 <i>H</i> -pyrazole-4-carboxylate	-	100784-20-1	Repr. 1B Aquatic Acute 1 Aquatic Chronic 1	H360D H400 H410	GHS08 GHS09 Dgr	H360D H410		M=1000 M=1000	
613-330-00-0	2-methylimidazole	211-765-7	693-98-1	Repr. 1B	H360Df	GHS08 Dgr	H360Df			
616-225-00-8	(<i>RS</i>)-2-methoxy- <i>N</i> -methyl-2-[α -(2,5-xilyloxy)- <i>o</i> -tolyl]acetamide; mandestrobin	-	173662-97-0	Aquatic Acute 1 Aquatic Chronic 1	H400 H410	GHS09 Wng	H410		M=1 M=10	

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616-226-00-3	carboxin (ISO); 2-methyl- <i>N</i> -phenyl-5,6-dihydro-1,4-oxathiine-3-carboxamide; 5,6-dihydro-2-methyl-1,4-oxathiine-3-carboxanilide	226-031-1	5234-68-4	STOT RE 2 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H373 (kidneys) H317 H400 H410	GHS08 GHS07 GHS09 Wng	H373 (kidneys) H317 H410		M=1 M=1	
616-227-00-9	metaflumizone (ISO); (<i>EZ</i>)-2'-[2-(4-cyanophenyl)-1-(α,α,α -trifluoro- <i>m</i> -tolyl)ethylidene]-[4-(trifluoromethoxy)phenyl]carbani lohydrazide [<i>E</i> -isomer \geq 90%, <i>Z</i> -isomer \leq 10% relative content]; [1] (<i>E</i>)-2'-[2-(4-cyanophenyl)-1-(α,α,α -trifluoro- <i>m</i> -tolyl)ethylidene]-[4-(trifluoromethoxy)phenyl]carbani lohydrazide [2]	-	139968-49-3 [1] 852403-68-0 [2]	Repr. 2 Lact. STOT RE 2	H361fd H362 H373	GHS08 Wng	H361fd H362 H373			
650-056-00-0	dibutylbis(pentane-2,4-dionato- <i>O,O'</i>)tin	245-152-0	22673-19-4	Repr. 1B STOT RE 1	H360FD H372 (immune system)	GHS08 Dgr	H360FD H372 (immune system) ²			

ANNEX IV

In the Annex to Commission Regulation (EU) 2018/669, the row with Index No '648-055-00-5' is replaced by the following:

'648-055-00-5	pitch, coal tar, high-temp.; [The residue from the distillation of high temperature coal tar. A black solid with an approximate softening point from 30 °C to 180 °C (86 °F to 356 °F). Composed primarily of a complex mixture of three or more membered condensed ring aromatic hydrocarbons.]	266-028-2	65996-93-2	Carc. 1A Muta. 1B Repr. 1B	H350 H340 H360FD	GHS08 Dgr	H350 H340 H360FD'			
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