COUNCIL OF THE EUROPEAN UNION

Brussels, 29 May 2013

10238/13

MI 470
CHIMIE 61
ENV 481
COMPET 374
ENT 149

COVER NOTE

from:	European Commission,
date of receipt:	21 May 2013
to:	General Secretariat of the Council
No Cion doc.:	D025584/03
Subject:	COMMISSION REGULATION (EU) No …/.. of XXX amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (Text with EEA relevance)

Delegations will find attached Commission document D025584/03.

Encl.: D025584/03

EUROPEAN
COMMISSION

Brussels, XXX
D025584/03
[…](2012) XXX draft

COMMISSION REGULATION (EU) No …/..

of XXX

amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures

(Text with EEA relevance)

COMMISSION REGULATION (EU) No …/..

of XXX

amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006[1], and in particular Article 37(5) and Article 53 thereof,

Whereas:

(1) In respect of precautionary statement P210 set out in table 6.2 Part 1 of Annex IV to Regulation (EC) No 1272/2008 the 5th revision of the Globally Harmonised System of Classification and Labelling of Chemicals (hereinafter 'GHS') of the United Nations has brought about changes which were not fully taken into account in Commission Regulation (EU) No …/2013 [*4th ATP*] (insert footnote). For reasons of consistency it is necessary to provide for full alignment between the GHS and Regulation (EC) No 1272/2008.

(2) Part 3 of Annex VI to Regulation (EC) No 1272/2008 contains two lists of harmonised classification and labelling of hazardous substances. Table 3.1 lists the harmonised classification and labelling of hazardous substances based on the criteria set out in Parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008. Table 3.2 lists the harmonised classification and labelling of hazardous substances based on the criteria set out in Annex VI to Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances[2]. Those two lists need to be amended to include updated classifications for substances already subject to those harmonised classifications and to include new harmonised classifications.

(3) The Committee for Risk Assessment (RAC) of the European Chemicals Agency (ECHA) has issued opinions on proposals for harmonised classification and labelling of substances which had been submitted to ECHA pursuant to Article 37 of Regulation

---

1 OJ L 353, 31.12.2008, p. 1.

2 OJ 196, 16.8.1967, p. 1.

(EC) No 1272/2008. Based on those opinions, as well as on the comments received from the parties concerned, it is appropriate to amend Annex VI to Regulation (EC) No 1272/2008 in order to harmonise the classification and labelling of certain substances.

(4) The harmonised classifications set out in Part 3 of Annex VI to Regulation (EC) No 1272/2008, as amended by this Regulation, should not apply immediately, as a certain period of time will be necessary to allow operators to adapt the labelling and packaging of substances and mixtures to the new classifications and to sell existing stocks. In addition, a certain period of time will be necessary to allow operators to comply with the registration obligations resulting from the new harmonised classifications for substances classified as carcinogenic, mutagenic or toxic to reproduction, categories 1A and 1B (Table 3.1) and categories 1 and 2 (Table 3.2), or as very toxic to aquatic organisms which may cause long term effects in the aquatic environment, in particular with those set out in Article 23 of Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC[3].

(5) With regard to the substance pitch, coal tar, high-temp. (EC Number: 266-028-2), an extended period of time will be necessary to allow operators to comply with the obligations resulting from the new harmonised classification for substances classified as very toxic to aquatic organisms which may cause long term effects in the aquatic environment, in particular with those set out in Article 3 and Annex III of Directive 2008/68/EC of the European Parliament and of the Council of 24 September 2008 on the inland transport of dangerous goods[4]. Therefore, a longer transition time should be foreseen before the harmonised classification has to be applied.

(6) With regard to the substance gallium arsenide (EC Number: 215-114-8), the RAC is in the process of adopting a new opinion for the hazard class 'toxicity to reproduction'. Therefore, this hazard class should not be included in Annex VI to Regulation (EC) No 1272/2008 until that opinion is finalised.

(7) With regard to the substance polyhexamethylene biguanide hydrochloride (CAS number 27083-27-80 or 32289-58-0), new scientific data has been made available for the hazard class 'acute toxicity (inhalation)', which suggests that the classification for this hazard class as recommended in the RAC opinion, which is based on older data, might not be appropriate. Therefore, this hazard class should not be included in Annex VI to Regulation (EC) No 1272/2008 until RAC has had the opportunity to deliver an opinion on the new information, while all other hazard classes covered by the earlier RAC opinion should be included.

(8) In line with the transitional provisions of Regulation (EC) No 1272/2008 which allow the application of the new provisions at an earlier stage on a voluntary basis, suppliers should have the possibility of applying the harmonised classifications set out in Part 3 of Annex VI to Regulation (EC) No 1272/2008, as amended by this Regulation, and of

[3] OJ L 396, 30.12.2006, p. 1.
[4] OJ L 260, 30.9.2008, p. 13.

adapting the labelling and packaging accordingly on a voluntary basis before the dates by which the harmonised classifications will become mandatory.

(9) The measures provided for in this Regulation are in accordance with the opinion of the Committee established under Article 133 of Regulation (EC) No 1907/2006,

HAS ADOPTED THIS REGULATION:

Article 1

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

(1) Annex IV is amended in accordance with the Annex I to this Regulation;

(2) Part 3 of Annex VI is amended as follows:

(a) Table 3.1 is amended as follows:

(i) The entries set out in Annex VI to Regulation (EC) No 1272/2008 corresponding to the entries set out in Annex II to this Regulation are replaced by the entries set out in Annex II to this Regulation;

(ii) The entries set out in Annex III to this Regulation are inserted in accordance with the order of the entries set out in Table 3.1.

(b) Table 3.2 is amended as follows:

(i) The entries set out in Annex VI to Regulation (EC) No 1272/2008 corresponding to the entries set out in Annex IV to this Regulation are replaced by the entries set out in in Annex IV to this Regulation;

(ii) The entries set out in Annex V to this Regulation are inserted in accordance with the order of the entries set out in Table 3.2.

Article 2

1. By way of derogation from Article 3(2) substances and mixtures may, before 1 December 2014 and 1 June 2015 respectively, be classified, labelled and packaged in accordance with Regulation (EC) No 1272/2008 as amended by this Regulation.

2. By way of derogation from Article 3(2), substances classified, labelled and packaged in accordance with Regulation (EC) No 1272/2008 and placed on the market before 1 December 2014, shall not be required to be relabelled and repackaged in accordance with Regulation (EC) No 1272/2008 as amended by this Regulation until 1 December 2016.

3. By way of derogation from Article 3(2) mixtures classified, labelled and packaged in accordance with Directive 1999/45/EC or Regulation (EC) No 1272/2008 and placed on the market before 1 June 2015, shall not be required to be relabelled and repackaged in accordance with Regulation (EC) No 1272/2008 as amended by this Regulation until 1 June 2017.

4. By way of derogation from Article 3(3) the harmonised classifications set out in Part 3 of Annex VI to Regulation (EC) No 1272/2008, as amended by this Regulation, may be applied before the dates referred to in Article 3(3).

Article 3

1. This Regulation shall enter into force on the twentieth day following that of its publication in the Official Journal of the European Union.

2. Article 1(1) shall apply in respect of substances from 1 December 2014 and in respect of mixtures from 1 June 2015.

3. Article 1(2) shall apply from 1 January 2015 for all entries except for the entry pitch, coal tar, high-temp. (EC Number 266-028-2), for which Article 1 shall apply from 1 April 2016.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels,

For the Commission
The President
José Manuel BARROSO

ANNEX I

In Part 1, Table 6.2 of Annex IV to Regulation (EC) no 1272/2008 Code P210 is replaced by the following:

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.	Explosives (section 2.1)	Divisions 1.1, 1.2, 1.3, 1.4, 1.5	
		Flammable gases (section 2.2)	1, 2	
		Aerosols (section 2.3)	1, 2, 3	
		Flammable liquids (section 2.6)	1, 2, 3	
		Flammable solids (section 2.7)	1, 2	
		Self-reactive substances and mixtures (section 2.8)	Types A, B, C, D, E, F	
		Pyrophoric liquids (section 2.9)	1	
		Pyrophoric solids (section 2.10)	1	
		Oxidising liquids (section 2.13)	1, 2, 3	
		Oxidising solids (section 2.14)	1, 2, 3	
		Organic peroxides (section 2.15)	Types A, B, C, D, E, F	

ANNEX II

Index No	International Chemical Identification	EC No	CAS No	Classification		Labelling			Specific Conc. Limits, M - Factors	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)		
015-004-00-8	aluminium phosphide	244-088-0	20859-73-8	Water-react. 1 Acute Tox. 2 Acute Tox. 3 Acute Tox. 1 Aquatic Acute 1	H260 H300 H311 H330 H400	GHS02 GHS06 GHS09 Dgr	H260 H300 H311 H330 H400	EUH029 EUH032	M =100	
015-005-00-3	magnesium phosphide; trimagnesium diphosphide	235-023-7	12057-74-8	Water-react. 1 Acute Tox. 2 Acute Tox. 3 Acute Tox. 1 Aquatic Acute 1	H260 H300 H311 H330 H400	GHS02 GHS06 GHS09 Dgr	H260 H300 H311 H330 H400	EUH029 EUH032	M =100	
015-123-00-5	fenamiphos (ISO); ethyl-4-methylthio-*m*-tolyl isopropyl phosphoramidate	244-848-1	22224-92-6	Acute Tox. 2 Acute Tox. 2 Acute Tox. 2 Eye Irrit. 2 Aquatic Acute 1 Aquatic Chronic 1	H300 H310 H330 H319 H400 H410	GHS06 GHS09 Dgr	H300 H310 H330 H319 H410		M =100 M =100	
030-012-00-1	aluminium-magnesium-zinc-carbonate-hydroxide	423-570-6	169314-88-9	Aquatic Chronic 4	H413		H413			
602-006-00-4	chloroform; trichloromethane	200-663-8	67-66-3	Carc. 2 Repr. 2 Acute Tox. 3 Acute Tox. 4 STOT RE 1 Eye Irrit. 2 Skin Irrit. 2	H351 H361d H331 H302 H372 H319 H315	GHS06 GHS08 Dgr	H351 H361d H331 H302 H372 H319 H315			

603-097-00-3	1,1',1''-nitrilotripropan-2-ol; triisopropanolamine	204-528-4	122-20-3	Eye Irrit. 2	H319	GHS07 Wng	H319			
605-008-00-3	acrolein; prop-2-enal; acrylaldehyde	203-453-4	107-02-8	Flam. Liq. 2 Acute Tox. 1 Acute Tox. 2 Acute Tox. 3 Skin Corr. 1 Aquatic Acute 1 Aquatic Chronic 1	H225 H330 H300 H311 H314 H400 H410	GHS02 GHS06 GHS05 GHS09 Dgr	H225 H330 H300 H311 H314 H410	EUH071	Skin Corr. 1; H314: C ≥ 0.1 % M =100 M =1	D
607-023-00-0	vinyl acetate	203-545-4	108-05-4	Flam. Liq. 2 Carc. 2 Acute Tox. 4 STOT SE 3	H225 H351 H332 H335	GHS02 GHS08 GHS07 Dgr	H225 H351 H332 H335			D
607-613-00-8	reaction mass of: succinic acid monopersuccinic acid dipersuccinic acid monomethyl ester of succinic acid monomethyl ester of persuccinic acid dimethyl succinate glutaric acid monoperglutaric acid diperglutaric acid monomethyl ester of glutaric acid monomethyl ester of perglutaric acid dimethyl glutarate adipic acid monoperadipic acid diperadipic acid monomethyl ester of adipic acid monomethyl ester of peradipic acid dimethyl adipate hydrogen peroxide methanol water	432-790-1		Acute Tox. 4* Acute Tox. 4* Acute Tox. 4* Skin Corr. 1B STOT SE 2	H332 H312 H302 H314 H371 (eyes)	GHS07 GHS05 GHS08 Dgr	H332 H312 H302 H314 H371 (eyes)			
609-003-00-7	nitrobenzene	202-716-0	98-95-3	Carc. 2. Repr. 1B Acute Tox. 3 Acute Tox. 3	H351 H360F H301 H331	GHS06 GHS08 Dgr	H351 H360F H301 H331			

				Acute Tox. 3 STOT RE 1 Aquatic Chronic 3	H311 H372 (blood) H412		H311 H372 (blood) H412			
612-120-00-6	aclonifen (ISO); 2-chloro-6-nitro-3-phenoxyaniline	277-704-1	74070-46-5	Carc. 2 Skin Sens. 1A Aquatic Acute 1 Aquatic Chronic 1	H351 H317 H400 H410	GHS08 GHS07 GHS09 Wng	H351 H317 H410		M =100 M =10	
613-175-00-9	epoxiconazole (ISO); (2RS,3SR)-3-(2-chlorophenyl)-2-(4-fluorophenyl)-[(1*H*-1,2,4-triazol-1-yl)methyl]oxirane	406-850-2	133855-98-8	Carc. 2 Repr. 1B Aquatic Chronic 2	H351 H360Df H411	GHS08 GHS09 Dgr	H351 H360Df H411			
616-200-00-1	reaction mass of N,N'-ethane-1,2-diylbis(hexanamide) and 12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl]octadecanamide and N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan amide)	432-430-3		Aquatic Chronic 4	H413		H413			
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 Aquatic Acute 1 Aquatic Chronic 1	H350 H340 H360FD H400 H410	GHS08 GHS09 Dgr	H350 H340 H360FD H410		M =1000 M =1000	
649-330-00-2	naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90 °C to 230 °C (194 °F to 446 °F).]	265-185-4	64742-82-1	Carc. 1B Muta. 1B STOT RE 1 Asp. Tox. 1	H350 H340 H372 (central nervous system) H304	GHS08 Dgr	H350 H340 H372 (central nervous system) H304			P
649-345-00-4	stoddard solvent; Low boiling point	232-489-3	8052-41-3	Carc. 1B Muta. 1B	H350 H340	GHS08	H350 H340			P

	naphtha — unspecified; [A colourless, refined petroleum distillate that is free from rancid or objectionable odours and that boils in a range of approximately 148,8 °C to 204,4 °C (300 °F to 400 °F).]			STOT RE 1 Asp. Tox. 1	H372 (central nervous system) H304	Dgr	H372 (central nervous system) H304			
649-405-00-X	solvent naphtha (petroleum), medium aliph.; Straight run kerosine; [A complex combination of hydrocarbons obtained from the distillation of crude oil or natural gasoline. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C9 through C12 and boiling in the range of approximately 140 °C to 220 °C (284 °F to 428 °F).]	265-191-7	64742-88-7	STOT RE 1 Asp. Tox. 1	H372 (central nervous system) H304	GHS08 Dgr	H372 (central nervous system) H304			

ANNEX III

Index No	International Chemical Identification	EC No	CAS No	Classification		Labelling			Specific Conc. Limits, M - Factors	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)		
031-001-00-4	gallium arsenide	215-114-8	1303-00-0	Carc. 1B STOT RE 1	H350 H372 (respiratory and haematopoietic systems)	GHS08 Dgr	H350 H372 (respiratory and haematopoietic systems)			
050-025-00-6	trichloromethylstannane	213-608-8	993-16-8	Repr. 2	H361d	GHS08 Wng	H361d			
050-026-00-1	2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-methyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	260-828-5	57583-34-3	Repr. 2	H361d	GHS08 Wng	H361d			
050-027-00-7	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	239-622-4	15571-58-1	Repr. 1B	H360D	GHS08 Dgr	H360D			
601-087-00-3	2,4,4-trimethylpentene	246-690-9	25167-70-8	Flam. Liq. 2 Asp. Tox. 1 STOT SE 3	H225 H304 H336	GHS02 GHS07 GHS08 Dgr	H225 H304 H336			D
606-145-00-1	sulcotrione (ISO); 2-[2-chloro-4-(methylsulfonyl)benzoyl]cyclohexane-1,3-dione		99105-77-8	Repr. 2 STOT RE 2 Skin Sens. 1A Aquatic Acute 1 Aquatic Chronic 1	H361d H373 (kidneys) H317 H400 H410	GHS08 GHS07 GHS09 Wng	H361d H373 (kidneys) H317 H410		M =1 M =10	
607-699-00-7	bifenthrin (ISO); (2-methylbiphenyl-3-yl)methyl *rel*-(1*R*,3*R*)-3-[(1*Z*)-2-chloro-3,3,3-trifluoroprop-1-en-1-yl]-2,2-dimethylcyclopropanecarboxylate		82657-04-3	Carc. 2 Acute Tox. 3 Acute Tox. 2 STOT RE 1	H351 H331 H300 H372	GHS06 GHS08 GHS09 Dgr	H351 H331 H300 H372		M =10000 M =100000	

				Skin Sens. 1B Aquatic Acute 1 Aquatic Chronic 1	(nervous system) H317 H400 H410		(nervous system) H317 H410			
607-700-00-0	indoxacarb (ISO); methyl (4a*S*)-7-chloro-2-{(methoxycarbonyl)[4-(trifluoromethoxy)phenyl]carbamoyl}-2,5-dihydroindeno[1,2-*e*][1,3,4]oxadiazine-4a(3*H*)-carboxylate [1] reaction mass of (S)- Indoxacarb and (R)-Indoxacarb 75:25; methyl 7-chloro-2-{(methoxycarbonyl)[4-(trifluoromethoxy)phenyl]carbamoyl}-2,5-dihydroindeno[1,2-*e*][1,3,4]oxadiazine-4a(3*H*)-carboxylate [2]		173584-44-6 [1] 144171-61-9 [2]	Acute Tox. 3 Acute Tox. 4 STOT RE 1 Skin Sens. 1B Aquatic Acute 1 Aquatic Chronic 1	H301 H332 H372 (blood, nervous system, heart) H317 H400 H410	GHS06 GHS08 GHS09 Dgr	H301 H332 H372 (blood, nervous system, heart) H317 H410		M =1 M =1	
607-702-00-1	dihexyl phthalate	201-559-5	84-75-3	Repr. 1B	H360FD	GHS08 Dgr	H360FD			
607-703-00-7	ammoniumpentadeca-fluorooctanoate	223-320-4	3825-26-1	Carc. 2 Repr. 1B Lact. Acute Tox. 4 Acute Tox. 4 STOT RE 1 Eye Dam.1	H351 H360D H362 H332 H302 H372 (liver) H318	GHS08 GHS07 GHS05 Dgr	H351 H360D H362 H332 H302 H372 (liver) H318			
607-704-00-2	perfluorooctanoic acid	206-397-9	335-67-1	Carc. 2 Repr. 1B Lact. Acute Tox. 4 Acute Tox. 4 STOT RE 1 Eye Dam. 1	H351 H360D H362 H332 H302 H372 (liver) H318	GHS08 GHS07 GHS05 Dgr	H351 H360D H362 H332 H302 H372 (liver) H318			
612-282-00-8	octadecylamine	204-695-3	124-30-1	Asp. Tox. 1 STOT RE 2 Skin Irrit. 2 Eye Dam. 1 Aquatic Acute 1 Aquatic	H304 H373 (gastro-intestinal tract, liver, immune system)	GHS05 GHS08 GHS09 Dgr	H304 H373 (gastro-intestinal tract, liver, immune system)		M =10 M =10	

				Chronic 1	H315 H318 H400 H410		H315 H318 H410			
612-283-00-3	(Z)-octadec-9-enylamine	204-015-5	112-90-3	Acute Tox. 4 Asp Tox. 1 STOT SE 3 STOT RE 2 Skin Corr. 1B Aquatic Acute 1 Aquatic Chronic 1	H302 H304 H335 H373 (gastro-intestinal tract, liver, immune system) H314 H400 H410	GHS05 GHS07 GHS08 GHS09 Dgr	H302 H304 H335 H373 (gastro-intestinal tract, liver, immune system) H314 H410		M =10 M =10	
612-284-00-9	amines, hydrogenated tallow alkyl	262-976-6	61788-45-2	Asp Tox. 1 STOT RE 2 Skin Irrit. 2 Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	H304 H373 (gastro-intestinal tract, liver, immune system) H315 H318 H400 H410	GHS08 GHS05 GHS09 Dgr	H304 H373 (gastro-intestinal tract, liver, immune system) H315 H318 H410		M =10 M =10	
612-285-00-4	amines, coco alkyl	262-977-1	61788-46-3	Acute Tox. 4 Asp. Tox. 1 STOT SE 3 STOT RE 2 Skin Corr. 1B Aquatic Acute 1 Aquatic Chronic 1	H302 H304 H335 H373 (gastro-intestinal tract, liver, immune system) H314 H400 H410	GHS05 GHS07 GHS08 GHS09 Dgr	H302 H304 H335 H373 (gastro-intestinal tract, liver, immune system) H314 H410		M =10 M =10	
612-286-00-X	amines, tallow alkyl	263-125-1	61790-33-8	Acute Tox. 4 Asp. Tox. 1 STOT RE 2 Skin Corr. 1B Aquatic Acute 1 Aquatic	H302 H304 H373 (gastro-intestinal tract, liver, immune	GHS05 GHS07 GHS08 GHS09 Dgr	H302 H304 H373 (gastro-intestinal tract, liver, immune		M =10 M =10	

				Chronic 1	system) H314 H400 H410		system) H314 H410			
616-206-00-4	flufenoxuron (ISO); 1-(4-(2-cloro-α,α,α-p-trifluorotolyloxy)-2-fluorophenyl)-3-(2,6-difluorobenzolyl)urea	417-680-3	101463-69-8	Lact. Aquatic Acute 1 Aquatic Chronic 1	H362 H400 H410	GHS09 Wng	H362 H410		M =10000 M =10000	
616-207-00-X	polyhexamethylene biguanide hydrochloride		27083-27-8 or 32289-58-0	Carc. 2 Acute Tox. 4 STOT RE 1 Eye Dam. 1 Skin Sens. 1B Aquatic Acute 1 Aquatic Chronic 1	H351 H302 H372 (respiratory tract) (inhalation) H318 H317 H400 H410	GHS05 GHS07 GHS08 GHS09 Dgr	H351 H302 H372 (respiratory tract) (inhalation) H318 H317 H410		M =10 M =10	
616-208-00-5	N-ethyl-2-pyrrolidone; 1-ethylpyrrolidin-2-one	220-250-6	2687-91-4	Repr. 1B	H360D	GHS08 Dgr	H360D			
616-209-00-0	amidosulfuron (ISO); 3-(4,6-dimethoxypyrimidin-2-yl)-1-((N-methyl-N-methylsulfonylamino)sulfonyl)urea	407-380-0	120923-37-7	Aquatic Acute 1 Aquatic Chronic 1	H400 H410	GHS09 Wng	H410		M =100 M =100	
616-210-00-6	tebufenpyrad (ISO); N-(4-tertbutylbenzyl)-4-chloro-3-ethyl-1-methyl-1Hpyrazole-5-carboxamide		119168-77-3	Acute Tox. 3 Acute Tox. 4 STOT RE 2 Skin Sens. 1B Aquatic Acute 1 Aquatic Chronic 1	H301 H332 H373 (gastro-intestinal tract) (Oral) H317 H400 H410	GHS06 GHS08 GHS09 Dgr	H301 H332 H373 (gastro-intestinal tract) (Oral) H317 H410		M =10 M =10	
616-211-00-1	proquinazid (ISO); 6-iodo-2-propoxy-3-propylquinazolin-4(3H)-one		189278-12-4	Carc. 2 Aquatic Acute 1 Aquatic Chronic 1	H351 H400 H410	GHS08 GHS09 Wng	H351 H410		M =1 M =10	

ANNEX IV

Index No	International Chemical Identification	EC No	CAS No	Classification	Labelling	Concentration Limits	Notes
015-004-00-8	aluminium phosphide	244-088-0	20859-73-8	F; R15/29 T+; R26/28 Xn; R21 R32 N; R50	F; T+; N R: 15/29-21-26/28-32-50 S: (1/2-)3/9/14/49-8-22-30-36/37-43-45-60-61	N; R50: C ≥ 0.25 %	
015-005-00-3	magnesium phosphide; trimagnesium diphosphide	235-023-7	12057-74-8	F; R15/29 T+; R26/28 Xn; R21 R32 N; R50	F; T+; N R: 15/29-21-26/28-32-50 S: (1/2-)3/9/14/49-8-22-30-36/37-43-45-60-61	N; R50: C ≥ 0.25%	
015-123-00-5	fenamiphos (ISO); ethyl-4-methylthio-m-tolyl isopropyl phosphoramidate	244-848-1	22224-92-6	T+; R26/28 T; R24 Xi; R36 N; R50-53	T+; N R: 24-26/28-36-50/53 S: (1/2-)23-26-28-35-36/37-45-60-61	N; R50-53: C ≥ 0.25 % N; R51-53: 0.025 % ≤ C < 0.25 % R52-53: 0.0025 % ≤ C < 0.025 %	
030-012-00-1	aluminium-magnesium-zinc-carbonate-hydroxide	423-570-6	169314-88-9	R53	R: 53 S: 61		
602-006-00-4	chloroform; trichloromethane	200-663-8	67-66-3	Carc. Cat. 3; R40 Repr. Cat. 3; R63 Xn; R20/22-48/20 Xi; R36/38	Xn R: 20/22-36/38-40-48/20-63 S: (2-)36/37		
603-097-00-3	1,1',1"-nitrilotripropan-2-ol; triisopropanolamine	204-528-4	122-20-3	Xi; R36	Xi R: 36 S: (2-)26		
605-008-00-3	acrolein; prop-2-enal; acrylaldehyde	203-453-4	107-02-8	F; R11 T+; R26/28 T; R24	F; T+; N R: 11-24-26/28-34-50	C; R34: C ≥ 0.1% N; R50: C ≥ 0.25%	D

				C; R34 N; R50	S: (1/2-)23-26-28-36/37/39-45-61		
607-023-00-0	vinyl acetate	203-545-4	108-05-4	F; R11 Carc. Cat. 3; R40 Xn; R20 Xi; R37	F; Xn R: 11-20-37-40 S: 9-16-33-36/37		D
607-613-00-8	reaction mass of: succinic acid monopersuccinic acid dipersuccinic acid monomethyl ester of succinic acid monomethyl ester of persuccinic acid dimethyl succinate glutaric acid monoperglutaric acid diperglutaric acid monomethyl ester of glutaric acid monomethyl ester of perglutaric acid dimethyl glutarate adipic acid monoperadipic acid diperadipic acid monomethyl ester of adipic acid monomethyl ester of peradipic acid dimethyl adipate hydrogen peroxide methanol water	432-790-1		C; R34 Xn; R20/21/22-68/20/21/22	C R: 20/21/22-34-68/20/21/22 S: (1/2-)26-28-36/37/39-45		
609-003-00-7	nitrobenzene	202-716-0	98-95-3	Carc. Cat. 3; R40 Repr. Cat. 2; R60 T; R23/24/25-48/23/24/25 R52-53	T R: 23/24/25-48/23/24/25-40-60-52/53 S: 45-53		
612-120-00-6	aclonifen (ISO); 2-chloro-6-nitro-3-phenoxyaniline	277-704-1	74070-46-5	Carc. Cat. 3; R40 R43 N; R50-53	Xn; N R: 40-43-50/53 S: (2-)36/37-60-61	R43: C ≥ 0.1% N; R50-53: C ≥ 0.25 % N; R51-53: 0.025 % ≤ C < 0.25 % R52-53: 0.0025 % ≤ C < 0.025 %	
613-175-00-9	epoxiconazole (ISO);	406-850-2	133855-98-8	Carc. Cat. 3; R40	T; N		

	(2RS,3SR)-3-(2-chlorophenyl)-2-(4-fluorophenyl)-[(1H-1,2,4-triazol-1-yl)methyl]oxirane			Repr. Cat. 2; R61 Repr. Cat. 3; R62 N; R51-53	R: 61-40-62-51/53 S: 45-53-61		
616-200-00-1	reaction mass of N,N'-ethane-1,2-diylbis(hexanamide) and 12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl]octadecanamide and N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan amide)	432-430-3		R53	R: 53 S: 61		
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. Cat. 1; R45 Muta. Cat. 2; R46 Repr. Cat. 2; R60-61 N; R50-53	T; N R: 45-46-60-61-50/53 S: 45-53-60-61	N; R50-53: C ≥ 0.025 % N; R51-53: 0.0025 % ≤ C < 0.025 % R52-53: 0.00025 % ≤ C < 0.0025 %	
649-330-00-2	naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90 °C to 230 °C (194 °F to 446 °F).]	265-185-4	64742-82-1	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R48/20-65	T R: 45-46-48/20-65 S: 45-53		P
649-345-00-4	stoddard solvent; Low boiling point naphtha — unspecified; [A colourless, refined petroleum distillate that is free from rancid or objectionable odours and that boils in a range of approximately 148,8 °C to 204,4 °C (300 °F to 400 °F).]	232-489-3	8052-41-3	Carc. Cat. 2; R45 Muta. Cat. 2; R46 Xn; R48/20-65	T R: 45-46-48/20-65 S: 45-53		P
649-405-00-X	solvent naphtha (petroleum), medium aliph.; Straight run kerosine; [A complex combination of hydrocarbons obtained from the distillation of crude oil or	265-191-7	64742-88-7	Xn; R48/20-65	Xn R: 48/20-65 S: (2-)23-24-62		

	natural gasoline. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C9 through C12 and boiling in the range of approximately 140 °C to 220 °C (284 °F to 428 °F).]						

ANNEX V

Index No	International Chemical Identification	EC No	CAS No	Classification	Labelling	Concentration Limits	Notes
031-001-00-4	gallium arsenide	215-114-8	1303-00-0	Carc. Cat. 2; R45 T; R48/23	T R: 45-48/23 S: 45-53		E
050-025-00-6	trichloromethylstannane	213-608-8	993-16-8	Repr. Cat. 3; R63	Xn R: 63 S: (2-)22-36/37		
050-026-00-1	2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-methyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	260-828-5	57583-34-3	Repr. Cat. 3; R63	Xn R: 63 S: (2-)22-36/37		
050-027-00-7	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	239-622-4	15571-58-1	Repr. Cat. 2; R61	T R: 61 S: 45-53		
601-087-00-3	2,4,4-trimethylpentene	246-690-9	25167-70-8	F; R11 Xn; R65 R67	F; Xn R: 11-65-67 S: 9-16-33-62		D
606-145-00-1	sulcotrione (ISO); 2-[2-chloro-4-(methylsulfonyl)benzoyl]cyclohexane-1,3-dione		99105-77-8	Repr. Cat. 3; R63 Xn; R48/22 R43 N; R50-53	Xn; N R: 43-48/22-63-50/53 S: (2-)22-36/37-60-61	N; R50-53: C ≥ 25 % N; R51-53: 2.5 % ≤ C < 25 % R52-53: 0.25 % ≤ C< 2.5 % R43: C ≥ 0.1%	
607-699-00-7	bifenthrin (ISO); (2-methylbiphenyl-3-yl)methyl *rel*-(1*R*,3*R*)-3-[(1*Z*)-2-chloro-3,3,3-trifluoroprop-1-en-1-yl]-2,2-dimethylcyclopropanecarboxylate		82657-04-3	Carc. Cat 3; R40 T; R23/25 Xn; R48/22 R43 N; R50-53	T; N R: 23/25-40-43-48/22-50/53 S: (1/2-)23-24-36/37-38- 45-60-61	N; R50-53: C ≥ 0.0025 % N; R51-53: 0.00025 % ≤ C< 0.0025 % R52-53: 0.000025 % ≤ C < 0.00025 %	

607-700-00-0	indoxacarb (ISO); methyl (4a*S*)-7-chloro-2-{(methoxycarbonyl)[4-(trifluoromethoxy)phenyl]carbamoyl}-2,5-dihydroindeno[1,2-*e*][1,3,4]oxadiazine-4a(3*H*)-carboxylate		173584-44-6	T; R25-48/25 Xn; R20 R43 N; R50-53	T; N R: 20-25-43-48/25-50/53 S: (1/2-)24-37-45-60-61	N; R50-53: C ≥ 25 % N; R51-53: 2.5 % ≤ C < 25 % R52-53: 0.25 % ≤ C < 2.5 %	
607-701-00-6	reaction mass of (S)- Indoxacarb and (R)-Indoxacarb 75:25; methyl 7-chloro-2-{(methoxycarbonyl)[4-(trifluoromethoxy)phenyl]carbamoyl}-2,5-dihydroindeno[1,2-*e*][1,3,4]oxadiazine-4a(3*H*)-carboxylate		144171-61-9	T; R48/25 Xn; R20/22 R43 N; R50-53	T; N R: 20/22-43-48/25-50/53 S: (1/2-)24-37-45-60-61	N; R50-53: C ≥ 25 % N; R51-53: 2.5 % ≤ C < 25 % R52-53: 0.25 % ≤ C < 2.5 %	
607-702-00-1	dihexyl phthalate	201-559-5	84-75-3	Repr. Cat. 2; R60-61	T R: 60-61 S: 45-53		
607-703-00-7	ammoniumpentade-cafluorooctanoate	223-320-4	3825-26-1	Carc. Cat. 3; R40 Repr. Cat. 2; R61 R64 T; R48/23 Xn; R20/22-48/21/22 Xi; R41	T R: 61-20/22-40-41- 48/23-48/21/22-64 S: 45-53		
607-704-00-2	perfluorooctanoic acid	206-397-9	335-67-1	Carc. Cat. 3; R40 Repr. Cat. 2; R61 R64 T; R48/23 Xn; R20/22-48/21/22 Xi; R41	T R: 61-20/22-40-41-48/23-48/21/22-64 S: 45-53		
612-282-00-8	octadecylamine	204-695-3	124-30-1	Xn; R48/22-65 Xi; R38-41 N; R50-53	Xn; N R: 38-41-48/22-65-50/53 S: (2-)26-36/37/39-60-61-62	N; R50-53: C ≥ 2.5 % N; R51-53: 0.25 % ≤ C < 2.5 % R52-53: 0.025 % ≤ C < 0.25 %	
612-283-00-3	(Z)-octadec-9-enylamine	204-015-5	112-90-3	Xn; R22-48/22-65 C; R34 N; R50-53	C; N R: 22-34-48/22-65-50/53	C; R34: C ≥ 10% Xi; R36/37/38: 5 % ≤ C < 10% N; R50-53: C ≥ 2.5 %	

					S: (1/2-)23-26-36/37/39-45-60-61-62	N; R51-53: 0.25 % ≤ C < 2.5 % R52-53: 0.025 % ≤ C < 0.25 %	
612-284-00-9	amines, hydrogenated tallow alkyl	262-976-6	61788-45-2	Xn; R48/22-65 Xi; R38-41 N; R50-53	Xn; N R: 38-41-48/22-65-50/53 S: (2-)26-36/37/39-60-61-62	N; R50-53: C ≥ 2.5 % N; R51-53: 0.25 % ≤ C < 2.5 % R52-53: 0.025 % ≤ C < 0.25 %	
612-285-00-4	amines, coco alkyl	262-977-1	61788-46-3	Xn; R22-48/22-65 C; R35 N; R50-53	C; N R: 22-35-48/22-65-50/53 S: (1/2-)23-26-36/37/39-45-60-61-62	C; R35: C ≥ 10% C; R34: 5 % ≤ C < 10% Xi; R36/37/38: 1% ≤ C < 5 % N; R50-53: C ≥ 2.5 % N; R51-53: 0.25 % ≤ C < 2.5 % R52-53: 0.025 % ≤ C < 0.25 %	
612-286-00-X	amines, tallow alkyl	263-125-1	61790-33-8	Xn; R22-48/22-65 C; R35 N; 50-53	C; N R: 22-35-48/22-65-50/53 S: (1/2-)26-36/37/39-45-60-61-62	N; R50-53: C ≥ 2.5 % N; R51-53: 0.25 % ≤ C < 2.5 % R52-53: 0.025 % ≤ C < 0.25 %	
616-206-00-4	flufenoxuron (ISO); 1-(4-(2-cloro-α,α,α-p-trifluorotolyloxy)-2-fluorophenyl)-3-(2,6-difluorobenzolyl)urea	417-680-3	101463-69-8	R64 R33 N; R50-53	N R: 33-64-50/53 S: (2-)22-36/37-46-60-61	N; R50-53 C > 0.0025 % N; R51-53 0.00025 % < C < 0.0025 % R52-53 0.000025 % < C < 0.00025 %	
616-207-00-X	polyhexamethylene biguanide hydrochloride		27083-27-8 or 32289-58-0	Carc. Cat 3; R40 Xn; R22 T; R48/23 Xi; R41 R43 N; R50-53	T; N R: 22-40-41-43-48/23-50/53 S: (1/2-)22-36/37/39-45-60-61	N; R50-53: C ≥ 2.5 % N; R51-53: 0.25 % ≤ C ≤ 2.5 R52-53: 0.025 % ≤ C ≤ 0.25 %	
616-208-00-5	N-ethyl-2-pyrrolidone; 1-ethylpyrrolidin-2-one	220-250-6	2687-91-4	Repr. Cat. 2; R61	T R: 61 S: 45-53		
616-209-00-0	amidosulfuron (ISO); 3-(4,6-dimethoxypyrimidin-2-yl)-1-((N-methyl-N-methylsulfonylamino)sulfonyl)urea	407-380-0	120923-37-7	N; R50-53	N R: 50/53 S: 60-61	N; R50-53: C ≥0.25% N; R51-53: 0.025% ≤ C <0.25% R52-53: 0.0025%≤ C <0.025%	

616-210-00-6	tebufenpyrad (ISO); N-(4-tertbutylbenzyl)-4-chloro-3-ethyl-1-methyl-1Hpyrazole-5-carboxamide		119168-77-3	Xn; R20/22 R43 N; R50-53	Xn; N R: 20/22-43-50/53 S: (2-)24-37-46-60-61	N; R50-53: C ≥ 2.5 % N; R51-53: 0.25 % ≤ C < 2.5 % R52-53: 0.025 % ≤ C < 0.25 %	
616-211-00-1	proquinazid (ISO); 6-iodo-2-propoxy-3-propylquinazolin-4(3H)-one		189278-12-4	Carc. Cat. 3; R40 N; R50-53	Xn; N R: 40-50/53 S: (2-)36/37-46-60-61		