2024/2564

30.9.2024

COMMISSION DELEGATED REGULATION (EU) 2024/2564

of 19 June 2024

amending Regulation (EC) No 1272/2008 of the European Parliament and of the Council as regards the harmonised classification and labelling of certain substances

(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) thereof,

Whereas:

(1) Part 3, Table 3 of Annex VI to Regulation (EC) No 1272/2008 contains the list of harmonised classification and labelling of hazardous substances based on the criteria set out in Parts 2 to 5 of Annex I to that Regulation.

(2) Proposals to introduce harmonised classification and labelling of certain substances and to update or delete the harmonised classification and labelling of certain other substances have been submitted to the European Chemicals Agency ('the Agency') pursuant to Article 37 of Regulation (EC) No 1272/2008. The Committee for Risk Assessment (RAC) of the Agency adopted, after having taken account of the comments received from the parties concerned, the following opinions ([2]) on those proposals:

— Opinion of 18 March 2022 concerning multi-walled carbon tubes (synthetic graphite in tubular shape) with a geometric tube diameter range ≥ 30 nm to < 3 µm and a length ≥ 5 µm and aspect ratio > 3:1, including multi-walled carbon nanotubes, MWC(N)T;

— Opinion of 18 March 2022 concerning α-methyl-1,3-benzodioxole-5-propionaldehyde [1] (*S*)-α-methyl-1,3-benzodioxole-5-propionaldehyde;

(2*S*)-3-(1,3-benzodioxol-5-yl)-2-methylpropanal [2] (*R*)-α-methyl-1,3-benzodioxole-5-propionaldehyde; (2*R*)-3-(1,3-benzodioxol-5-yl)-2-methylpropanal [3];

— Opinion of 18 March 2022 concerning acetone oxime;

— Opinion of 18 March 2022 concerning (3*E*)-dec-3-en-2-one;

— Opinion of 18 March 2022 concerning 2,3-epoxypropyl neodecanoate;

— Opinion of 18 March 2022 concerning propyl 3,4,5-trihydroxybenzoate;

— Opinion of 18 March 2022 concerning benthiavalicarb-isopropyl (ISO); isopropyl [(*S*)-1-{[(*R*)-1-(6-fluoro-1,3-benzothiazol-2-yl)ethyl]carbamoyl}-2-methylpropyl]carbamate;

— Opinion of 18 March 2022 concerning hexyl salicylate;

— Opinion of 18 March 2022 concerning sulfur;

([1]) OJ L 353, 31.12.2008, p. 1, ELI: http://data.europa.eu/eli/reg/2008/1272/oj.

([2]) The opinions are accessible via the following website: https://echa.europa.eu/registry-of-clh-intentions-until-outcome/-/dislist/name/-/ecNumber/-/casNumber/-/dte_receiptFrom/-/dte_receiptTo/-/prc_public_status/Opinion+Adopted/dte_withdrawnFrom/-/dte_withdrawnTo/-/sbm_expected_submissionFrom/-/sbm_expected_submissionTo/-/dte_finalise_deadlineFrom/-/dte_finalise_deadlineTo/-/haz_addional_hazard/-/lec_submitter/-/dte_assessmentFrom/-/dte_assessmentTo/-/prc_regulatory_programme/-/.

— Opinion of 18 March 2022 concerning reaction mass of *N,N'*-ethane-1,2-diylbis(decanamide) and 12-hydroxy-*N*-[2-[(1-oxodecyl)amino]ethyl]octadecanamide and *N,N'*-ethane-1,2-diylbis(12-hydroxyoctadecanamide) [1] reaction mass of *N,N'*-ethane-1,2-diylbis(decanamide) and 12-hydroxy-*N*-[2-[(1-oxodecyl)amino]ethyl]octadecanamide [2];

— Opinion of 18 March 2022 concerning 2-[ethyl[3-methyl-4-[(5-nitrothiazol-2-yl)azo]phenyl]amino]ethanol;

— Opinion of 30 May 2022 concerning glyphosate (ISO); *N*-(phosphonomethyl)glycine;

— Opinion of 2 June 2022 concerning silver massive: [particle diameter ≥ 1 mm];

— Opinion of 2 June 2022 concerning silver powder: [particle diameter > 100 nm < 1 mm];

— Opinion of 2 June 2022 concerning silver nano: [particle diameter > 1 nm ≤ 100 nm];

— Opinion of 2 June 2022 concerning *S*-metolachlor (ISO); 2-chloro-*N*-(2-ethyl-6-methylphenyl)-*N*-[(2*S*)-1-methoxypropan-2-yl]acetamide; (R_aS_a)-2-chloro-*N*-(6-ethyl-*o*-tolyl)-*N*-[(1*S*)-2-methoxy-1-methylethyl] acetamide [contains 80-100 % 2-chloro-*N*-(2-ethyl-6-methylphenyl)-*N*-[(2*S*)-1-methoxypropan-2-yl] acetamide and 0-20 % 2-chloro-*N*-(2-ethyl-6-methylphenyl)-*N*-[(2*R*)-1-methoxypropan-2-yl]acetamide];

— Opinion of 2 June 2022 concerning 2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl) phenyl]butan-1-one;

— Opinion of 2 June 2022 concerning formaldehyde … %;

— Opinion of 2 June 2022 concerning formic acid … %;

— Opinion of 2 June 2022 concerning dicamba (ISO); 2,5-dichloro-6-methoxybenzoic acid; 3,6-dichloro-2-methoxybenzoic acid;

— Opinion of 2 June 2022 concerning 7-oxabicyclo[4.1.0]hept-3-ylmethyl 7-oxabicyclo[4.1.0]heptane-3-carboxylate;

— Opinion of 2 June 2022 concerning peracetic acid … %;

— Opinion of 2 June 2022 concerning tetrasodium 4-amino-5-hydroxy-3,6-bis[[4-[[2-(sulphonatooxy) ethyl]sulphonyl]phenyl]azo]naphthalene-2,7-disulphonate [1] Reaction products of 4-amino-5-hydroxynaphthalene-2,7-disulfonic acid, coupled twice with diazotised 2-[(4-aminophenyl) sulfonyl]ethyl hydrogen sulfate, sodium salts [2] disodium 4-amino-5-hydroxy-3,6-bis{[4-(vinylsulfonyl) phenyl]diazenyl}naphthalene-2,7-disulfonate [3];

— Opinion of 15 September 2022 concerning perboric acid, sodium salt [1] perboric acid, sodium salt, monohydrate [2] perboric acid ($HBO(O_2)$), sodium salt, monohydrate [3] sodium peroxoborate [4] sodium perborate [5];

— Opinion of 15 September 2022 concerning perboric acid ($H_3BO_2(O_2)$), monosodium salt trihydrate [1] perboric acid, sodium salt, tetrahydrate [2] perboric acid ($HBO(O_2)$), sodium salt, tetrahydrate [3] sodium peroxoborate, hexahydrate [4]

— Opinion of 15 September 2022 concerning sodium peroxometaborate;

— Opinion of 15 September 2022 concerning trimethyl borate;

— Opinion of 15 September 2022 concerning ethanethiol;

ethyl mercaptan;

— Opinion of 15 September 2022 concerning 1*H*-benzotriazole;

— Opinion of 15 September 2022 concerning methyl-1*H*-benzotriazole;

— Opinion of 15 September 2022 concerning *N,N'*-methylenediacrylamide;

— Opinion of 15 September 2022 concerning Sodium 3-(allyloxy)-2-hydroxypropanesulphonate;

— Opinion of 1 December 2022 concerning *tert*-butyl 2-ethylperoxyhexanoate;

— Opinion of 1 December 2022 concerning *n*-hexane;

— Opinion of 1 December 2022 concerning biphenyl-2-ol; 2-phenylphenol; 2-hydroxybiphenyl;

— Opinion of 1 December 2022 concerning copper [specific surface area > 0,67 mm^2/mg];

— Opinion of 1 December 2022 concerning reaction mass of 1,3-dioxan-5-ol and 1,3-dioxolan-4-ylmethanol;

— Opinion of 1 December 2022 concerning 1,4-dichloro-2-nitrobenzene;

— Opinion of 1 December 2022 concerning 2,4-dimethylcyclohex-3-ene-1-carbaldehyde [1] (1α,2α,5α)-2,5-dimethylcyclohex-3-ene-1-carbaldehyde [2] 2,6-dimethylcyclohex-3-ene-1-carbaldehyde [3] 3,5-dimethylcyclohex-3-ene-1-carbaldehyde [4] 3,6-dimethylcyclohex-3-ene-1-carbaldehyde [5] 4,6-dimethylcyclohex-3-ene-1-carbaldehyde [6] reaction mass of 3,5-dimethylcyclohex-3-ene-1-carbaldehyde and 2,4-dimethylcyclohex-3-ene-1-carbaldehyde [7] dimethylcyclohex-3-ene-1-carbaldehyde [8] Dimethylcyclohex-3-ene-1-carbaldehyde [9] 1,2,4(or 1,3,5)-trimethylcyclohex-3-ene-1-carbaldehyde [10] 1,3,4-trimethylcyclohex-3-ene-1-carbaldehyde [11] 2,2,4-trimethylcyclohex-3-ene-1-carbaldehyde [12] 2,4,6-trimethylcyclohex-3-enecarbaldehyde [13] isocyclocitral [14] 3,5,6-trimethylcyclohex-3-ene-1-carbaldehyde [15] 4,6,6-trimethylcyclohex-3-ene-1-carbaldehyde [16];

— Opinion of 1 December 2022 concerning pyraclostrobin (ISO); methyl *N*-(2-{[1-(4-chlorophenyl)-1*H*-pyrazol-3-yl]oxymethyl}phenyl) *N*-methoxy carbamate;

— Opinion of 1 December 2022 concerning dibenzoyl peroxide; benzoyl peroxide;

— Opinion of 1 December 2022 concerning fenpropidin (ISO); (*R,S*)-1-[3-(4-tert-butylphenyl)-2-methylpropyl] piperidine.

(3) The Commission has received additional information from stakeholders contesting the scientific assessment set out in the RAC opinions of 18 March 2022 concerning benthiavalicarb-isopropyl, 2,3-epoxypropyl neodecanoate, multi-walled carbon tubes, hexyl salicylate, in the RAC opinions of 2 June 2022 concerning silver massive, silver powder and silver nano and in the RAC opinions of 1 December 2022 concerning *n*-hexane and copper. The additional information has been assessed by the Commission and has not been found sufficient to cast doubts on the scientific analysis contained in the RAC opinions.

(4) With regard to the substance copper flakes (coated with aliphatic acid) (index number 029-019-01-X ([3])), its entry for its classification as hazardous for the aquatic environment should be amended to be in accordance with the more generic entry copper [specific surface area > 0,67 mm^2/mg] (index number 029-026-00-0), inserted in the Annex.

(5) With regard to the substance granulated copper ([4]) (index number 029-024-00-X), its entry should be deleted as it is covered by the more generic entry copper [specific surface area > 0,67 mm^2/mg] (index number 029-026-00-0), inserted in the Annex.

([3]) See RAC Opinion of 1 December 2022 concerning copper [specific surface area > 0,67 mm^2/mg], listed above;
([4]) Ibidem.

(6) Acute Toxicity Estimates (ATE) are mainly used to determine the classification for human health acute toxicity of mixtures containing substances classified for acute toxicity. The inclusion of harmonised ATE values in the entries listed in Annex VI to Regulation (EC) No 1272/2008 facilitates the harmonisation of the classification of mixtures and provides support for enforcement authorities. Following further scientific assessment, an ATE value for the inhalation route has been derived for fenpropidin (index number 612-299-00-0), in addition to those proposed in the RAC opinions for other substances. That ATE value should be inserted in the penultimate column of Table 3 of Part 3 of Annex VI to Regulation (EC) No 1272/2008.

(7) The entries corresponding to index numbers 005-017-00-7, 005-017-01-4, 005-018-00-2, 005-018-01-X, 005-019-00-8, 005-019-01-5 have been replaced by the entries for perboric acid, sodium salt [1] perboric acid, sodium salt, monohydrate [2] perboric acid (HBO(O2)), sodium salt, monohydrate [3] sodium peroxoborate [4] sodium perborate [5] (index number 005-022-00-4), for perboric acid (H3BO2(O2)), monosodium salt trihydrate [1] perboric acid, sodium salt, tetrahydrate [2] perboric acid (HBO(O2)), sodium salt, tetrahydrate [3] sodium peroxoborate, hexahydrate [4] (index number 005-023-00-X) and for sodium peroxometaborate (index number 005-024-00-5) and should therefore be deleted.

(8) In light of the RAC opinions, it is appropriate to introduce, update or delete the harmonised classification and labelling of the substances concerned on the basis of the assessment made in those opinions and following the further assessments.

(9) Regulation (EC) No 1272/2008 should therefore be amended accordingly.

(10) Compliance with the new or updated harmonised classifications should not be required immediately as a certain period of time is necessary to allow suppliers to adapt the labelling and packaging of substances and mixtures to the new or updated classifications and to sell existing stocks subject to the pre-existing regulatory requirements. That period of time is also necessary to allow suppliers sufficient time to take the actions required to ensure continuing compliance with other legal requirements following the changes made under this Regulation. Suppliers should, however, have the possibility to apply the new or updated harmonised classifications, and to adapt the labelling and packaging accordingly, on a voluntary basis before the date of application of this Regulation, to ensure a high level of protection of human health and of the environment and to provide sufficient flexibility to suppliers,

HAS ADOPTED THIS REGULATION:

Article 1

Annex VI to Regulation (EC) No 1272/2008 is amended as set out in the Annex to this Regulation.

Article 2

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

It shall apply from 1 May 2026 However, substances and mixtures may be classified, labelled and packaged in accordance with Regulation (EC) No 1272/2008 as amended by this Regulation from the date of entry into force of this Regulation.

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

Done at Brussels, 19 June 2024.

For the Commission
The President
Ursula VON DER LEYEN

ANNEX

Part 3, Table 3 of Annex VI to Regulation (EC) No 1272/2008 is amended as follows:

(1) the following entries are inserted following the consecutive order of the index numbers corresponding to each entry:

Index No	Chemical Name	EC No	CAS No	Classification		Labelling			Specific Conc. Limits, M-factors and ATE	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)		
'005-022-00-4	perboric acid, sodium salt [1] perboric acid, sodium salt, monohydrate [2] perboric acid ($HBO(O_2)$), sodium salt, monohydrate [3] sodium peroxoborate [4] sodium perborate [5]	234-390-0 [1] 234-390-0 [2] - [3] - [4] 239-172-9 [5]	11138-47-9 [1] 12040-72-1 [2] 10332-33-9 [3] - [4] 15120-21-5 [5]	Ox. Sol. 3 Repr. 1B Acute Tox. 3 Acute Tox. 4 STOT SE 3 Eye Dam. 1	H272 H360FD H331 H302 H335 H318	GHS03 GHS08 GHS06 GHS05 Dgr	H272 H360FD H331 H302 H335 H318		inhalation: ATE = 0,75 mg/L (dusts or mists) oral: ATE = 890 mg/kg bw Eye Dam. 1; H318: C ≥ 22 % Eye Irrit. 2; H319: 14 % ≤ C < 22 %	11'
'005-023-00--X	perboric acid ($H_3BO_2(O_2)$), monosodium salt trihydrate [1] perboric acid, sodium salt, tetrahydrate [2] perboric acid ($HBO(O_2)$), sodium salt, tetrahydrate [3] sodium peroxoborate, hexahydrate [4]	239-172-9 [1] 234-390-0 [2] - [3] - [4]	13517-20-9 [1] 37244-98-7 [2] 10486-00-7 [3] - [4]	Repr. 1B Acute Tox. 4 STOT SE 3 Eye Dam. 1	H360FD H332 H335 H318	GHS08 GHS05 GHS07 Dgr	H360FD H332 H335 H318		inhalation: ATE = 1,2 mg/L (dusts or mists) Eye Dam. 1; H318: C ≥ 36 % Eye Irrit. 2; H319: 22 % ≤ C < 36 %	11'

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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)		
'005-024-00-5	sodium peroxometaborate	231-556-4	7632-04-4	Ox. Sol. 2 Repr. 1B Acute Tox. 3 Acute Tox. 4 STOT SE 3 Eye Dam. 1	H272 H360FD H331 H302 H335 H318	GHS03 GHS08 GHS06 GHS05 Dgr	H272 H360FD H331 H302 H335 H318		inhalation: ATE = 0,62 mg/L (dusts or mists) oral: ATE = 730 mg/kg bw Eye Dam. 1; H318: C ≥ 22 % Eye Irrit. 2; H319: 14 % ≤ C < 22 %	11'
'006-104-00-2	multi-walled carbon tubes (synthetic graphite in tubular shape) with a geometric tube diameter range ≥ 30 nm to < 3 µm and a length ≥ 5 µm and aspect ratio > 3:1, including multi-walled carbon nanotubes, MWC(N)T	—	—	Carc. 1B STOT RE 1	H350i H372 (lung)(inhalation)	GHS08 Dgr	H350i H372 (lung)(inhalation)		STOT RE 1; H372: C ≥ 1 %; STOT RE 2; H373: 0,1 % ≤ C < 1 %'	
'029-026-00-0	copper [specific surface area > 0,67 mm^2/mg]	231-159-6	7440-50-8	Aquatic Acute 1 Aquatic Chronic 1	H400 H410	GHS09 Wng	H410		M = 10 M = 1'	

Index No	Chemical Name	EC No	CAS No	Classification		Labelling			Specific Conc. Limits, M-factors and ATE	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)		
'047-004-00-9	silver massive: [particle diameter ≥ 1 mm]	231-131-3	7440-22-4	Repr. 2 STOT RE 2	H361f H373 (nervous system)	GHS08 Wng	H361f H373 (nervous system)'			
'047-005-00-4	silver powder: [particle diameter > 100 nm < 1 mm]	231-131-3	7440-22-4	Repr. 2 STOT RE 2 Aquatic Acute 1 Aquatic Chronic 1	H361f H373 (nervous system) H400 H410	GHS08 GHS09 Wng	H361f H373 (nervous system) H410		M = 10 M = 10'	
'047-006-00--X	silver nano: [particle diameter > 1 nm ≤ 100 nm]	231-131-3	7440-22-4	Repr. 2 STOT RE 2 Aquatic Acute 1 Aquatic Chronic 1	H361f H373 (nervous system) H400 H410	GHS08 GHS09 Wng	H361f H373 (nervous system) H410		M = 1 000 M = 1 000'	
'603-247-00-8	reaction mass of 1,3-dioxan-5-ol and 1,3-dioxolan-4-ylmethanol	—	—	Repr. 1B	H360Df	GHS08 Dgr	H360Df'			

Index No	Chemical Name	EC No	CAS No	Classification		Labelling			Specific Conc. Limits, M-factors and ATE	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)		
'605-042-00-9	α-methyl-1,3-benzodioxole-5-propionaldehyde [1] (*S*)-α-methyl-1,3-benzodioxole-5-propionaldehyde; (2*S*)-3-(1,3-benzodioxol-5-yl)-2-methylpropanal [2] (*R*)-α-methyl-1,3-benzodioxole-5-propionaldehyde; (2*R*)-3-(1,3-benzodioxol-5-yl)-2-methylpropanal [3]	214-881-6 [1] - [2] - [3]	1205-17-0 [1] 737776-68--0 [2] 737776-59--9 [3]	Skin Sens. 1B	H317	GHS07 Wng	H317'			
'605-043-00-4	2,4-dimethylcyclohex-3-ene-1-carbaldehyde [1] (1α,2α,5α)-2,5-dimethylcyclohex-3-ene-1-carbaldehyde [2] 2,6-dimethylcyclohex-3-ene-1-carbaldehyde [3] 3,5-dimethylcyclohex-3-ene-1-carbaldehyde [4] 3,6-dimethylcyclohex-3-ene-1-carbaldehyde [5] 4,6-dimethylcyclohex-3-ene-1-carbaldehyde [6] reaction mass of 3,5-dimethylcyclohex-3-ene-1-carbaldehyde	268-264-1 [1] 252-395-6 [2] - [3] 268-263-6 [4] 267-186-5 [5] 253-139-6 [6] - [7] 248-742-6 [8] 272-113-5 [9] 276-055-1 [10] - [11] - [12] 215-833-7	68039-49-6 [1] 35145-02-9 [2] 6975-94-6 [3] 68039-48-5 [4] 67801-65-4 [5] 36635-35-5 [6] - [7] 27939-60-2 [8] 68737-61-1 [9] 71832-78-5 [10] 40702-26-9 [11] 1726-47-2 [12] 1423-46-7 [13] 1335-66-6 [14]	Skin Sens. 1	H317	GHS07 Wng	H317'			

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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)		
	and 2,4-dimethylcyclohex-3-ene-1-carbaldehyde [7] dimethylcyclohex-3-ene-1-carbaldehyde [8] Dimethylcyclohex-3-ene-1-carbaldehyde [9] 1,2,4(or 1,3,5)-trimethylcyclohex-3-ene-1-carbaldehyde [10] 1,3,4-trimethylcyclohex-3-ene-1-carbaldehyde [11] 2,2,4-trimethylcyclohex-3-ene-1-carbaldehyde [12] 2,4,6-trimethylcyclohex-3-enecarbaldehyde [13] isocyclocitral [14] 3,5,6-trimethylcyclohex-3-ene-1-carbaldehyde [15] 4,6,6-trimethylcyclohex-3-ene-1-carbaldehyde [16]	[13] 215-638-7 [14] 266-810-3 [15] - [16]	67634-07-5 [15] 6754-27-4 [16]							

ELI: http://data.europa.eu/eli/reg_del/2024/2564/oj

Index No	Chemical Name	EC No	CAS No	Classification		Labelling			Specific Conc. Limits, M-factors and ATE	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)		
‘606-156-00-1	acetone oxime	204-820-1	127-06-0	Carc. 1B Acute Tox. 4 STOT SE 3 STOT RE 2 Eye Dam. 1 Skin Sens. 1	H350 H312 H336 H373 (blood system) H318 H317	GHS08 GHS07 GHS05 Dgr	H350 H312 H336 H373 (blood system) H318 H317		dermal: ATE = 1 100 mg/kg bw’	
‘606-157-00-7	(3*E*)-dec-3-en-2-one	—	18402-84-1	Acute Tox. 4 Asp. Tox. 1 Skin Irrit. 2 Aquatic Chronic 2	H332 H304 H315 H411	GHS07 GHS08 GHS09 Dgr	H332 H304 H315 H411	EUH071	inhalation: ATE = 1,5 mg/L (dusts or mists)’	
‘606-158-00-2	2-(dimethylamino)-2-[(4-methylphenyl) methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	438-340-0	119344 -86-4	Repr. 1B Aquatic Acute 1 Aquatic Chronic 1	H360Df H400 H410	GHS08 GHS09 Dgr	H360Df H410		M = 1 M = 1’	
‘607-770-00-2	2,3-epoxypropyl neodecanoate	247-979-2	26761-45-5	Muta. 2 Skin Sens. 1A	H341 H317	GHS08 GHS07 Wng	H341 H317		Skin Sens. 1A; H317: C ≥ 0,001 %’	
‘607-771-00-8	benthiavalicarb-isopropyl (ISO); isopropyl [(*S*)-1-{[(*R*)-1-(6-fluoro-1,3-benzothiazol-2-yl) ethyl]carbamoyl}-2-methylpropyl]carbamate	—	177406 -68-7	Carc. 1B Repr. 2 Skin Sens. 1 Aquatic Chronic 2	H350 H361fd H317 H411	GHS08 GHS07 GHS09 Dgr	H350 H361fd H317 H411’			
‘607-772-00-3	hexyl salicylate	228-408-6	6259-76-3	Repr. 2 Skin Sens. 1	H361d H317	GHS08 GHS07 Wng	H361d H317’			

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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)		
'607-773-00-9	7-oxabicyclo[4.1.0]hept-3-ylmethyl 7-oxabicyclo[4.1.0]heptane-3-carboxylate	219-207-4	2386-87-0	Muta. 2 STOT RE 2 Skin Sens. 1	H341 H373 (nasal cavity) H317	GHS08 GHS07 Wng	H341 H373 (nasal cavity) H317'			
'607-774-00-4	tetrasodium 4-amino-5-hydroxy-3,6-bis[[4-[[2-(sulphonatooxy)ethyl]sulphonyl]phenyl]azo]naphthalene-2,7-disulphonate [1] Reaction products of 4-amino-5-hydroxynaphthalene-2,7-disulfonic acid, coupled twice with diazotized 2-[(4-aminophenyl)sulfonyl]ethyl hydrogen sulfate, sodium salts [2] disodium 4-amino-5-hydroxy-3,6-bis {[4-(vinylsulfonyl) phenyl] diazenyl}naphthalene-2,7-disulfonate [3]	241-164-5 [1] - [2] - [3]	17095-24-8 [1] - [2] 100556-82--9 [3]	Resp. Sens. 1A Skin Sens. 1	H334 H317	GHS08 Dgr	H334 H317'			
'607-775-00--X	Sodium 3-(allyloxy)-2-hydroxypropanesulphonate	258-004-5	52556-42-0	Repr. 1B Eye Dam. 1	H360F H318	GHS08 GHS05 Dgr	H360F H318'			

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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)		
'609-074-00-4	1,4-dichloro-2-nitrobenzene	201-923-3	89-61-2	Carc. 1B	H350	GHS08 Dgr	H350'			
'611-182-00-1	2-[ethyl[3-methyl-4-[(5-nitrothiazol-2-yl)azo]phenyl]amino]ethanol	271-183-4	68516-81-4	Skin Sens. 1A	H317	GHS07 Wng	H317		Skin Sens. 1A; H317: C ≥ 0,001 %'	
'612-299-00-0	fenpropidin (ISO); (*R*,*S*)-1-[3-(4-tert-butylphenyl)-2-methylpropyl]piperidine	—	67306-00-7	Repr. 2 Acute Tox. 4 Acute Tox. 4 STOT SE 3 STOT SE 3 STOT RE 2 Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H361d H332 H302 H335 H336 H373 (nervous system, eyes, lungs) H315 H318 H317 H400 H410	GHS08 GHS07 GHS05 GHS09 Dgr	H361d H332 H302 H335 H336 H373 (nervous system, eyes, lungs) H315 H318 H317 H410		Inhalation: ATE = 1,2 mg/L (dusts or mists) oral: ATE = 1 330 mg/kg bw M = 1 000 M = 10 000'	
'613-350-00--X	1*H*-benzotriazole	202-394-1	95-14-7	Aquatic Chronic 2	H411	GHS09 Wng	H411'			
'613-351-00-5	methyl-1*H*-benzotriazole	249-596-6	29385-43-1	Aquatic Chronic 2	H411	GHS09 Wng	H411'			
'616-243-00-6	*N*,*N*'-methylenediacrylamide	203-750-9	110-26-9	Muta. 1B	H340	GHS08 Dgr	H340'			
'617-024-00-8	*tert*-butyl 2-ethylperoxyhexanoate	221-110-7	3006-82-4	Repr. 1B Skin Sens. 1	H360FD H317	GHS08 GHS07 Dgr	H360FD H317'			

(2) the entries corresponding to index numbers 005-005-00-1, 016-022-00-9, 016-094-00-1, 029-019-01-X, 601-037-00-0, 604-020-00-6, 605-001-00-5, 607-001-00-0, 607-043-00-X, 607-094-00-8, 607-198-00-3, 607-315-00-8, 607-432-00-4, 613-272-00-6, 616-127-00-5 and 617-008-00-0 are replaced by the following entries respectively:

Index No	Chemical Name	EC No	CAS No	Classification		Labelling			Specific Conc. Limits, M-factors and ATE	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)		
‘005-005-00-1	trimethyl borate	204-468-9	121-43-7	Flam. Liq. 3 Repr. 1B Acute Tox. 4*	H226 H360FD H312	GHS02 GHS08 GHS07 Dgr	H226 H360FD H312			11’
‘016-022-00-9	ethanethiol; ethyl mercaptan	200-837-3	75-08-1	Flam. Liq. 1 Acute Tox. 3 Acute Tox. 4 Aquatic Acute 1 Aquatic Chronic 1	H224 H331 H302 H400 H410	GHS02 GHS06 GHS09 Dgr	H224 H331 H302 H410		inhalation: ATE = 7,1 mg/L (vapours) oral: ATE = 680 mg/kg bw’	
‘016-094-00-1	sulfur	231-722-6	7704-34--9	Skin Irrit. 2	H315	GHS07 Wng	H315’			
‘029-019-01-X	copper flakes (coated with aliphatic acid)			Acute Tox. 3 Acute Tox. 4 Eye Irrit. 2 Aquatic Acute 1 Aquatic Chronic 1	H331 H302 H319 H400 H410	GHS06 GHS09 Dgr	H331 H302 H319 H410		inhalation: ATE = 0,733 mg/l (dusts or mists) oral: ATE = 500 mg/kg bw M = 10 M = 1’	

Index No	Chemical Name	EC No	CAS No	Classification		Labelling			Specific Conc. Limits, M-factors and ATE	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)		
'601-037-00-0	*n*-hexane	203-777-6	110-54-3	Flam. Liq. 2 Repr. 2 Asp. Tox. 1 STOT SE 3 STOT RE 1 Skin Irrit. 2 Aquatic Chronic 2	H225 H361f*** H304 H336 H372 (nervous system) H315 H411	GHS02 GHS08 GHS07 GHS09 Dgr	H225 H361f*** H304 H336 H372 (nervous system) H315 H411'			
'604-020-00-6	biphenyl-2-ol; 2-phenylphenol; 2-hydroxybiphenyl	201-993-5	90-43-7	Carc. 2 Skin Corr. 1 Eye Dam. 1 Skin Sens. 1B Aquatic Acute 1 Aquatic Chronic 1	H351 H314 H318 H317 H400 H410	GHS08 GHS05 GHS07 GHS09 Dgr	H351 H314 H317 H410		M = 1 M = 1'	
'605-001-00-5	formaldehyde … %	200-001-8	50-00-0	Carc. 1B Muta. 2 Acute Tox. 2 Acute Tox. 4 Skin Corr. 1B Skin Sens. 1A	H350 H341 H330 H302 H314 H317	GHS08 GHS06 GHS05 Dgr	H350 H341 H330 H302 H314 H317	EUH071	inhalation: ATE = 100 ppmV (gases) oral: ATE = 500 mg/kg bw STOT SE 3; H335: C ≥ 5 % Skin Corr. 1B; H314: C ≥ 25 % Skin Irrit. 2; H315: 5 % ≤ C < 25 % Eye Irrit. 2; H319: 5 % ≤ C < 25 %	B, D, F'

Index No	Chemical Name	EC No	CAS No	Classification		Labelling			Specific Conc. Limits, M-factors and ATE	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)		
‘607-001-00-0	formic acid … %	200-579-1	64-18-6	Flam. Liq. 3 Met. Corr. 1 Acute Tox. 3 Acute Tox. 4 Skin Corr. 1A Eye Dam. 1	H226 H290 H331 H302 H314 H318	GHS02 GHS05 GHS06 Dgr	H226 H290 H331 H302 H314	EUH071	inhalation: ATE = 7,4 mg/L (vapours) oral: ATE = 500 mg/kg bw Flam. Liq. 3; H226: C > 85 % Skin Corr. 1A; H314: C ≥ 90 % Skin Corr. 1B; 314: 10 % ≤ C < 90 % Skin Irrit. 2; H315: 2 % ≤ C < 10 % Eye Dam. 1; H318: C ≥ 10 % Eye Irrit. 2; H319: 2 % ≤ C < 10 %	B’
‘607-043-00-X	dicamba (ISO); 2,5-dichloro-6-methoxybenzoic acid; 3,6-dichloro-2-methoxybenzoic acid	217-635-6	1918-00--9	Acute Tox. 4 Acute Tox. 4 STOT SE 3 STOT SE 3 Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 2	H332 H302 H335 H336 H318 H400 H411	GHS07 GHS05 GHS09 Dgr	H332 H302 H335 H336 H318 H410		inhalation: ATE = 4,0 mg/L (dusts or mists) oral: ATE = 1 500 mg/kg bw M = 1’	

Index No	Chemical Name	EC No	CAS No	Classification		Labelling			Specific Conc. Limits, M-factors and ATE	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)		
'607-094-00-8	peracetic acid … %	201-186-8	79-21-0	Org. Perox. D Acute Tox. 2 Acute Tox. 2 Acute Tox. 3 Skin Corr. 1A Aquatic Acute 1 Aquatic Chronic 1	H242 H330 H310 H301 H314 H400 H410	GHS02 GHS06 GHS05 GHS09 Dgr	H242 H330 H310 H301 H314 H410	EUH071	inhalation: ATE = 0,2 mg/L (dusts or mists) dermal: ATE = 60 mg/kg bw oral: ATE = 80 mg/kg bw STOT SE 3; H335: C ≥ 1 % M = 10 M = 100	B, D, T'
'607-198-00-3	propyl 3,4,5-trihydroxybenzoate	204-498-2	121-79-9	Acute Tox. 4 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H302 H317 H400 H410	GHS07 GHS09 Wng	H302 H317 H410		oral: ATE = 1 700 mg/kg bw M = 1 M = 1'	
'607-315-00-8	glyphosate (ISO); *N*-(phosphonomethyl)glycine	213-997-4	1071-83--6	Eye Dam. 1 Aquatic Chronic 2	H318 H411	GHS05 GHS09 Dgr	H318 H411'			
'607-432-00-4	*S*-metolachlor (ISO); 2-chloro-*N*-(2-ethyl-6-methylphenyl)-*N*-[(2*S*)-1-methoxypropan-2-yl]acetamide; (R_aS_a)-2-chloro-*N*-(6-ethyl-*o*-	—	87392-1-2-9	Carc. 2 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H351 H317 H400 H410	GHS08 GHS07 GHS09 Wng	H351 H317 H410	EUH066	M = 10 M = 10'	

Index No	Chemical Name	EC No	CAS No	Classification		Labelling			Specific Conc. Limits, M-factors and ATE	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)		
	tolyl)-*N*-[(1*S*)-2-methoxy-1-methylethyl] acetamide [contains 80-100 % 2-chloro-*N*-(2-ethyl-6-methylphenyl)-*N*-[(2*S*)-1-methoxypropan-2-yl]acetamide and 0-20 % 2-chloro-*N*-(2-ethyl-6-methylphenyl)-*N*-[(2*R*)-1-methoxypropan-2-yl]acetamide]									
‘613-272-00-6	pyraclostrobin (ISO); methyl *N*-(2-{[1-(4-chlorophenyl)-1*H*-pyrazol-3-yl]oxymethyl}phenyl) *N*-methoxy carbamate	—	175013--18-0	Repr. 2 Acute Tox. 3 Acute Tox. 4 STOT SE 3 STOT RE 2 Skin Irrit. 2 Aquatic Acute 1 Aquatic Chronic 1	H361d H331 H302 H335 H373 (liver, gastrointestinal tract, nasal cavity) H315 H400 H410	GHS08 GHS06 GHS09 Dgr	H361d H331 H302 H335 H373 (liver, gastrointestinal tract, nasal cavity) H315 H410		inhalation: ATE = 0,58 mg/L (dusts or mists) oral: ATE = 450 mg/kg bw M = 100 M = 100’	

Index No	Chemical Name	EC No	CAS No	Classification		Labelling			Specific Conc. Limits, M-factors and ATE	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)		
'616-127-00-5	reaction mass of *N,N'*-ethane-1,2-diyl-bis(decanamide) and 12-hydroxy-*N*-[2-[(1-oxodecyl)amino]ethyl] octadecanamide and *N,N'*-ethane-1,2-diyl-bis(12-hydroxyoctadecanamide) [1] reaction mass of *N,N'*-ethane-1,2-diyl-bis(decanamide) and 12-hydroxy-*N*-[2-[(1-oxodecyl)amino]ethyl] octadecanamide [2]	430-050-2 [1] - [2]	- [1] - [2]	Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H317 H400 H410	GHS07 GHS09 Wng	H317 H410		M = 100 M = 10'	

Index No	Chemical Name	EC No	CAS No	Classification		Labelling			Specific Conc. Limits, M-factors and ATE	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)		
‘617-008-00-0	dibenzoyl peroxide; benzoyl peroxide	202-327-6	94-36-0	Org. Perox. B Eye Irrit. 2 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H241 H319 H317 H400 H410	GHS01 GHS02 GHS07 GHS09 Dgr	H241 H319 H317 H410		M = 10 M = 10’	

(3) the entries corresponding to index numbers 005-017-00-7, 005-017-01-4, 005-018-00-2, 005-018-01-X, 005-019-00-8, 005-019-01-5 and 029-024-00-X are deleted.

ELI: http://data.europa.eu/eli/reg_del/2024/2564/oj