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ANNEXES 1 to 2

ANNEXES
to the
Commission Delegated Regulation (EU)
amending Regulation (EU) No 649/2012 of the European Parliament and of the Council
as regards the listing of pesticides and industrial chemicals

ANNEX I

Annex I to Regulation (EU) No 649/2012 is amended as follows:

(1) in Part 1, the table is amended as follows:

(a) the following entries are inserted in alphabetical order:

Chemical	CAS No	EC No	CN code (***)	Sub- category (*)	Use limitation (**)	Countries for which no notification is required
'Flufenacet (+)	142459-58-3		ex 2934 99 90	p(1)	b	
Acibenzolar-S-methyl; S-methyl benzo[1,2,3]thiadiazole-7-carbothioate (+)	135158-54-2	420-050-0	ex 2934 99 90	p(1)	b	
2-methyl-1,2-benzisothiazol-3(2H)-one (MBIT) (+)	2527-66-4		ex 2934 20 80	p(2)	sr	
Disodium octaborate tetrahydrate (+)	12280-03-4	234-541-0	ex 2840 20 90	p(1)-p(2)	b-b	
				i(2)	sr	
Disodium octaborate	12008-41-2	234-541-0	ex 2840 20 10	i(2)	sr	
Disodium tetraborate Disodium tetraborate pentahydrate Disodium tetraborate decahydrate	1330-43-4 12179-04-3 1303-96-4 and others	215-540-4	2840 11 00 2840 19 10 ex 2840 19 90	i(2)	sr	
Diboron trioxide (+)	1303-86-2	215-125-8	2810 00 10	p(2)	b	
				i(2)	sr	
Boric acid	11113-50-1 10043-35-3	234-343-4 233-139-2	ex 2810 00 90	p(1)	b	
				i(2)	sr	
Lead chromate(+)	7758-97-6	231-846-0	ex 2841 50 00	i(1)-i(2)	sr-sr	

2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6	ex 2934 99 90	i(2)	sr	
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	404-360-3	ex 2934 99 90	i(2)	sr	
2-(4-tert-butylbenzyl) propionaldehyde	80-54-6	201-289-8	ex 2912 29 00	i(2)	sr	
Orthoboric acid, sodium salt	13840-56-7	237-560-2	ex 2840 20 10	i(2)	sr	
Diisohexyl phthalate	71850-09-4	276-090-2	ex 2917 34 00	i(2)	sr	
Dicyclohexyl phthalate	84-61-7	201-545-9	ex 2917 34 00	i(2)	sr	
Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7	201-245-8	ex 2907 23 00	i(2)	sr	
2-methoxyethanol; ethylene glycol monomethyl ether; methylglycol	109-86-4	203-713-7	ex 2909 44 00	i(2)	sr	
2-ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5	203-804-1	ex 2909 44 00	i(2)	sr	
N-methyl-2-pyrrolidone; 1-Methyl-2-pyrrolidone;	872-50-4	212-828-1	ex 2939 79 90	i(2)	sr	
Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	ex 2840 19 90	i(2)	sr	
Refractory Ceramic Fibres, Special Purpose Fibres, except those specified elsewhere in Annex VI to Regulation (EC) No 1272/2008 other than in Index No 650-017-00-8; [Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18 % by weight]				i(2)	sr	

N,N-dimethylformamide; dimethyl formamide	68-12-2	200-679-5	ex 2924 19 00	i(2)	sr	
N,N-dimethylacetamide	127-19-5	204-826-4	ex 2924 19 00	i(2)	sr	
Cobalt sulphate	10124-43-3	233-334-2	ex 2833 29 30	i(2)	sr	
Cobalt dinitrate	10141-05-6	233-402-1	ex 2834 29 20	i(2)	sr	
Cobalt di(acetate)	71-48-7	200-755-8	ex 2915 29 00	i(2)	sr	
Cobalt dichloride	7646-79-9	231-589-4	ex 2827 39 30	i(2)	sr	
Cobalt carbonate	513-79-1	208-169-4	ex 2836 99 17	i(2)	sr';	

- (b) the entry for 'Chlorpyrifos' is deleted;
- (c) the entry for 'Lead and its compounds' is replaced by the following entry:

'Lead and its compounds	7439-92-1	231-100-4	ex 7801 10 00	i(2)	Sr'	
	598-63-0	209-943-4	ex 7804 20 00			
	1319-46-6	215-290-6	ex 2836 99 17			
	7446-14-2	231-198-9	ex 3206 49 70			
	7784-40-9	232-064-2	ex 2833 29 60			
	1344-37-2	215-693-7	ex 2842 90 80			
	25808-74-6	247-278-1	ex 3206 20 00			
	13424-46-9	236-542-1	ex 2826 90 80			
	301-04-2	206-104-4	ex 2850 00 60			
	7446-27-7	231-205-5	ex 2915 29 00			
	15245-44-0	239-290-0	ex 2835 29 90			
	and others	and others	ex 3206 49 70			
			ex 2908 99 00			

- (2) in Part 2, in the table, the following entries are inserted in alphabetical order:

Chemical	CAS No	EC No	CN code (***)	Category (*)	Use limitation (**)
'Flufenacet	142459-58-3		ex 2934 99 90	p	b
Acibenzolar-S-methyl; S-methyl benzo[1,2,3]thiadiazole-7- carbothioate	135158-54-2	420-050-0	ex 2934 99 90	p	b
2-methyl-1,2-benzisothiazol- 3(2H)-one (MBIT)	2527-66-4		ex 2934 20 80	p	sr
Disodium octaborate	12280-03-4	234-541-0	ex 2840 20 10	p	b

tetrahydrate					
Diboron trioxide	1303-86-2	215-125-8	2810 00 10	p	b
Lead chromate	7758-97-6	231-846-0	ex 2841 50 00	i	sr';

(3) in part 2, in the table, the entry for 'chlorpyrifos' is deleted.

ANNEX II

In Annex V to Regulation (EU) No 649/2012, Part 1, the table is replaced by the following table:

'Description of chemicals/article(s) subject to export ban	Additional details, where relevant (e.g. name of chemical, EC No, CAS No, etc.)	
	Aldrin	EC No 206-215-8 CAS No 309-00-2 CN code ex 2903 82 00
	Chlordane	EC No 200-349-0 CAS No 57-74-9 CN code ex 2903 82 00
	Chlordecone	EC No 205-601-3 CAS No 143-50-0 CN code ex 2914 71 00
The export ban does not apply to the export of chlorpyrifos in concentrations below the limit value set in the entry for chlorpyrifos in Annex I to Regulation (EU) 2019/1021 for the purpose of Article 4(1), point (b), of that Regulation. <i>[Regulation (EU) 2019/1021 is in the process of being amended to include chlorpyrifos in its Annex I. The inclusion of this substance in this draft Annex V to Regulation (EU) No 649/2012 is conditional on the finalisation of that process under Regulation (EU) 2019/1021]</i>	Chlorpyrifos	EC No: 220-864-4 CAS No: 2921-88-2 CN code ex 2933 39 99

The export ban does not apply to the export of Decabromodiphenyl ether: - covered by an exemption laid down in point 3 of the entry for Bis(pentabromophenyl) ether (decabromodiphenyl ether; decaBDE) in Part A of Annex I to Regulation (EU) 2019/1021, or, - in concentrations equal to or below or, where applicable, below the relevant limit value set in the entry for Bis(pentabromophenyl) ether (decabromodiphenyl ether; decaBDE) in Annex I to Regulation (EU) 2019/1021 for the purpose of Article 4(1), point (b), of that Regulation.	Bis(pentabromophenyl) (decabromodiphenyl decaBDE) ether ether;	EC No 214-604-9 and others CAS No 1163-19-5 and others CN code ex 2909 30 38
The export ban does not apply to the export of Dechlorane Plus: - covered by an exemption in point 2 of the entry for Dechlorane Plus in Part A of Annex I to Regulation (EU) 2019/1021, or, - in concentrations equal to or below the limit value set in the entry for Dechlorane Plus in Annex I to Regulation (EU) 2019/1021 for the purpose of Article 4(1), point (b), of that Regulation.	Dechlorane Plus ‘Dechlorane Plus’ includes its syn-isomer and anti-isomer	EC No 236-948-9 CAS Nos 13560-89-9, 135821-03-3, 135821-74-8 CN code ex 2903 89 70
	Dicofol	EC No 204-082-0 CAS No 115-32-2 CN code ex 2906 29 00
	Dieldrin	EC No 200-484-5 CAS No 60-57-1 CN code ex 2910 40 00
	DDT (1,1,1-trichloro-2,2-bis (p-chlorophenyl) ethane)	EC No 200-024-3 CAS No 50-29-3 CN code ex 2903 92 00

	Endosulfan	EC No 204-079-4 CAS No 115-29-7, 959-98-8, 33213-65-9 CN code ex 2920 30 00
	Endrin	EC No 200-775-7 CAS No 72-20-8 CN code ex 2910 50 00
The export ban does not apply to the export of Heptabromodiphenyl ether C ₁₂ H ₃ Br ₇ O in concentrations equal to or below or, where applicable, below the relevant limit value set in the entry for Heptabromodiphenyl ether C ₁₂ H ₃ Br ₇ O in Annex I to Regulation (EU) 2019/1021 for the purpose of Article 4(1), point (b), of that Regulation.	Heptabromodiphenyl ether C ₁₂ H ₃ Br ₇ O	EC No 273-031-2 CAS No 68928-80-3 and others CN code ex 2909 30 38
	Heptachlor	EC No 200-962-3 CAS No 76-44-8 CN code ex 2903 82 00
	Hexabromobiphenyl	EC No 252-994-2 CAS No 36355-01-8 CN code ex 2903 94 00
The export ban does not apply to the export of Hexabromocyclododecane in concentrations equal to or below the relevant limit value set in the entry for Hexabromocyclododecane in Annex I to Regulation (EU) 2019/1021 for the purpose of Article 4(1), point (b), of that Regulation	Hexabromocyclododecane	EC No 247-148-4, 221-695-9 CAS No 25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8 and others CN code ex 2903 89 80
The export ban does not apply to the export of Hexabromodiphenyl ether C ₁₂ H ₄ Br ₆ O in concentrations equal to or below or, where applicable, below the relevant limit value set in the entry for Hexabromodiphenyl ether C ₁₂ H ₄ Br ₆ O in Annex I to Regulation (EU) 2019/1021 for the purpose of Article 4(1), point (b), of that Regulation	Hexabromodiphenyl ether C ₁₂ H ₄ Br ₆ O	EC No 253-058-6 CAS No 36483-60-0 and others CN code ex 2909 30 3
The export ban does not apply to the export of Hexachlorobenzene in concentrations equal to or below the limit value set in the entry for Hexachlorobenzene in Annex I to Regulation (EU) 2019/1021 for the purpose of Article 4(1), point (b), of that Regulation	Hexachlorobenzene	EC No 204-273-9 CAS No 118-74-1 CN code ex 2903 92 00

	Hexachlorobutadiene	EC No 201-765-5 CAS No 87-68-3 CN code ex 2903 29 00
	Hexachlorocyclohexanes, including lindane	EC No 200-401-2, 206-270-8, 206-271-3, 210-168-9 CAS No 58-89-9, 319-84-6, 319- 85-7, 608-73-1 CN code ex 2903 81 00
The export ban does not apply to the export of Long chain perfluorocarboxylic acids (C9-21 PFCAs), their salts and related compounds: - covered by an exemption laid down in points 8 to 9 of the entry for Long chain perfluorocarboxylic acids (C9-21 PFCAs), their salts and related compounds in Part A of Annex I to Regulation (EU) 2019/1021, or, - in concentrations below the relevant limit value set in the entry for Long chain perfluorocarboxylic acids (C9-21 PFCAs), their salts and related compounds in Annex I to Regulation (EU) 2019/1021 for the purpose of Article 4(1), point (b), of that Regulation. <i>[Regulation (EU) 2019/1021 is in the process of being amended to include C9-21 PFCAs in its Annex I. The inclusion of these substances in this draft Annex V to Regulation (EU) No 649/2012 is conditional on the finalisation of that process under Regulation (EU) 2019/1021]</i>	Long chain perfluorocarboxylic acids (C₉₋₂₁ PFCAs), their salts and related compounds “Long chain perfluorocarboxylic acids (C₉₋₂₁ PFCAs), their salts and related compounds” means the following: (i) Linear and branched perfluorocarboxylic acids of the formula C_nF_{2n+1}COOH where $8 \leq n \leq 20$ (C₉₋₂₁ PFCAs); (ii) Their salts (iii) Compounds related to C₉₋₂₁ PFCAs are any substances that have the potential to degrade or to be transformed to C9-21 PFCAs, that contain the perfluorinated alkyl moiety C_nF_{2n+1} (where $8 \leq n \leq 20$) as one of the structural elements The following substances are excluded from this designation: C_nF_{2n+1}X, where X = F, Cl or Br.	EC No 218-165-4, 206-801-3, 276-745-2, 206-203-2, 206-400-3, 206-803-4, 267-638-1, 240-582-5, 269-701-9, and others CAS No 2058-94-8, 375-95-1, 72629-94-8, 307-55-1, 335-76-2, 376-06-7, 67905-19-5, 16517-11-6, 68310-12-3, 141074-63-7, 57475-95-3, 133921-38-7, and others CN codes ex 2915 90 90, ex 3824 99 92, ex 3824 99 93]

The export ban does not apply to the export of MCCPs: - covered by an exemption laid down in point 3 of the entry for MCCPs in Part A of Annex I to Regulation (EU) 2019/1021, or, - in concentrations below the relevant limit value set in the entry for MCCPs in Annex I to Regulation (EU) 2019/1021 for the purpose of Article 4(1), point (b), of that Regulation. <i>[Regulation (EU) 2019/1021 is in the process of being amended to include MCCPs in its Annex I. The inclusion of these substances in this draft Annex V to Regulation (EU) No 649/2012 is conditional on the finalisation of that process under Regulation (EU) 2019/1021]</i>	‘Medium-chain chlorinated paraffins (MCCPs) ‘Medium-chain chlorinated paraffins’ or ‘MCCPs’ means the following: Substances or mixtures that contain any of the following linear C₁₄₋₁₇ chloroalkanes of the following molecular formulae: C₁₄H_(30-y)Cl_y where y ≥ 5; C₁₅H_(32-y)Cl_y where y ≥ 5; C₁₆H_(34-y)Cl_y where y ≥ 6; C₁₇H_(36-y)Cl_y where y ≥ 6.	EC No 287-477-0 and others CAS No 85535-85-9, 198840-65-2, 1372804-76-6, and others CN codes ex 2903 19 00, ex 3824 99 92, ex 3824 99 93
The export ban does not apply to the export of Methoxychlor in concentrations equal to or below the limit value set in the entry for Methoxychlor in Annex I to Regulation (EU) 2019/1021 for the purpose of Article 4(1), point (b), of that Regulation.	Methoxychlor ‘Methoxychlor’ refers to any possible isomer of dimethoxydiphenyltrichloroethane or any combination thereof	EC No 200-779-9 CAS No 72-43-5, 30667-99-3, 76733-77-2, 255065-25-9, 255065-26-0, 59424-81-6, 1348358-72-4 and others CN code ex 2909 30 90'
	Mirex	EC No 219-196-6 CAS No 2385-85-5 CN code ex 2903 83 00
The export ban does not apply to the export of Pentabromodiphenyl ether C₁₂H₅Br₅O in concentrations equal to or below or, where applicable, below the relevant limit value set in the entry for Pentabromodiphenyl ether C₁₂H₅Br₅O in Annex I to Regulation (EU) 2019/1021 for the purpose of Article 4(1), point (b), of that Regulation	Pentabromodiphenyl ether C₁₂H₅Br₅O	EC No 251-084-2 and others CAS No 32534-81-9 and others CN code ex 2909 30 31
	Pentachlorobenzene	EC No 210-172-0 CAS No 608-93-5 CN code ex 2903 93 00

The export ban does not apply to the export of pentachlorophenol and its salts and esters in concentrations equal to or below the limit value set in the entry for Pentachlorophenol and its salts and esters in Annex I to Regulation (EU) 2019/1021 for the purpose of Article 4(1), point (b), of that Regulation	Pentachlorophenol and its salts and esters	EC No 201-778-6 and others CAS No 87-86-5 and others CN codes ex 2908 11 00, ex 2908 19 00 and others
The export ban does not apply to the export of Perfluorohexane sulfonic acid (PFHxS), its salts and PFHxS-related compounds in concentrations equal to or below the relevant limit value set in the entry for Perfluorohexane sulfonic acid (PFHxS), its salts and PFHxS-related compounds in Annex I to Regulation (EU) 2019/1021 for the purpose of Article 4(1), point (b), of that Regulation	Perfluorohexane sulfonic acid (PFHxS), its salts and PFHxS-related compounds ‘Perfluorohexane sulfonic acid (PFHxS), its salts and PFHxS-related compounds’ means the following: (i) perfluoro hexane sulfonic acid, including any of its branched isomers; (ii) its salts; (iii) PFHxS-related compounds which, for the purposes of the Convention, are any substance that contains the chemical moiety C₆F₁₃S- as one of its structural elements and that degrades to PFHxS.	EC No 206-587-1 and others CAS No 355-46-4 and others CN code 2904 99 00 and others

The export ban does not apply to the export of Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds: - covered by an exemption laid down in point 7 of the entry for Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds in Part A of Annex I to Regulation (EU) 2019/1021, or, - in concentrations equal to or below the relevant limit value set in the entry for Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds in Annex I to Regulation (EU) 2019/1021 for the purpose of Article 4(1), point (b), of that Regulation	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds ‘Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds’ means the following: (i) perfluoro octanoic acid, including any of its branched isomers; (ii) its salts; (iii) PFOA-related compounds which, for the purposes of the Convention, are any substances that degrade to PFOA, including any substances (including salts and polymers) having a linear or branched perfluoroheptyl group with the moiety (C₇F₁₅)C as one of the structural elements. The following compounds are not included as PFOA-related compounds: (i) C₈F₁₇-X, where X = F, Cl, Br; (ii) fluoropolymers that are covered by CF₃[CF₂]_n-R', where R'=any group, n> 16; (iii) perfluoroalkyl carboxylic acids (including their salts, esters, halides and anhydrides) with ≥ 8 perfluorinated carbons; (iv) perfluoroalkane sulfonic acids and perfluoro phosphonic acids (including their salts, esters, halides and anhydrides) with ≥ 9 perfluorinated carbons; (v) perfluorooctane sulfonic acid (PFOS), its salts and PFOS-related compounds as listed in this Annex.	EC No 206-397-9 and others CAS No 335-67-1 and others CN codes ex 2915 90 70 and others
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The export ban does not apply to the export of Perfluorooctane sulfonic acid (PFOS), its salts and perfluorooctane sulfonyl fluoride in concentrations equal to or below the relevant limit value set in the entry for Perfluorooctane sulfonic acid (PFOS), its salts and perfluorooctane sulfonyl fluoride in Annex I to Regulation (EU) 2019/1021 for the purpose of Article 4(1), point (b), of that Regulation	Perfluorooctane sulfonic acid (PFOS), its salts and PFOS-related compounds $C_8F_{17}SO_2X$ (X = OH, Metal salt (O-M ⁺), halide, amide, and other related compounds including polymers)	EC No 217-179-8, 220-527-1, 274-460-8, 260-375-3 and others CAS No 1763-23-1, 2795-39-3, 70225-14-8, 56773-42-3 and others CN codes 2904 31 00, 2904 34 00, 2922 16 00, 2923 30 00 and others
	Polychlorinated Biphenyls (PCB)	EC No 215-648-1 and others CAS No 1336-36-3 and others CN code ex 2903 99 80
	Polychlorinated naphthalenes	EC No 274-864-4 CAS No 70776-03-3 and others CN code ex 3824 99 92
The export ban does not apply to the export of Short-chain chlorinated paraffins in concentrations below the limit value set in the entry for Short-chain chlorinated paraffins in Annex I to Regulation (EU) 2019/1021 for the purpose of Article 4(1), point (b), of that Regulation	Short-chain chlorinated paraffins	EC No 287-476-5 CAS No 85535-84-8 CN code ex 3824 99 92
The export ban does not apply to the export of Tetrabromodiphenyl ether $C_{12}H_6Br_4O$ in concentrations equal to or below or, where applicable, below the relevant limit value set in the entry for Tetrabromodiphenyl ether $C_{12}H_6Br_4O$ in Annex I to Regulation (EU) 2019/1021 for the purpose of Article 4(1), point (b), of that Regulation	Tetrabromodiphenyl ether $C_{12}H_6Br_4O$	EC No 254-787-2 and others CAS No 40088-47-9 and others CN code ex 2909 30 38
	Toxaphene	EC No 232-283-3 CAS No 8001-35-2 CN code ex 3808 59 00'

The export ban does not apply to the export of UV-328: - in articles covered by an exemption laid down in point 2 of the entry for UV-328 in Part A of Annex I to Regulation (EU) 2019/1021, or, - in concentrations equal to or below the limit value set in the entry for UV-328 in Annex I to Regulation (EU) 2019/1021 for the purpose of Article 4(1), point (b), of that Regulation.	2-(2H-benzotriazol-2-yl)-4,6-di-tert-pentylphenol (UV-328)	EC No 247-384-8 CAS No 25973-55-1 CN code ex 2933 99 80’.
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