



Brussels, **XXX**
[...](2021) **XXX** draft

ANNEXES 1 to 2

ANNEXES

to the

Commission Delegated Regulation

**amending Regulation (EU) No 649/2012 of the European Parliament and of the Council
as regards the listing of pesticides, industrial chemicals, persistent organic pollutants
and mercury and an update of customs codes**

ANNEX I

'ANNEX I

LIST OF CHEMICALS

(referred to in Article 7)

PART 1

List of chemicals subject to export notification procedure

(referred to in Article 8)

It should be noted that where chemicals listed in this part of the Annex are subject to the PIC procedure, the export notification obligations set out in Article 8(2), (3) and (4) shall not apply provided that the conditions laid down in Article 8(6), first subparagraph, points (b) and (c), have been fulfilled. Such chemicals, which are identified by the symbol '#' in the list below, are listed again in Part 3 of this Annex for ease of reference.

It should also be noted that where the chemicals listed in this part of the Annex qualify for PIC notification because of the nature of the Union's final regulatory action, those chemicals are also listed in Part 2 of this Annex. Such chemicals are identified by the symbol '+' in the list below.

Chemical	CAS No	EC No	CN code (***)	Subcategory (*)	Use limitation (**)	Countries for which no notification is required
1,1-Dichloroethene	75-35-4	200-864-0	ex 2903 29 00	i(2)	sr	
1,1,1-Trichloroethane	71-55-6	200-756-3	ex 2903 19 00	i(2)	b	
1,1,2-Trichloroethane	79-00-5	201-166-9	ex 2903 19 00	i(2)	sr	
1,1,1,2-Tetrachloroethane	630-20-6	211-135-1	ex 2903 19 00	i(2)	sr	
1,1,2,2-Tetrachloroethane	79-34-5	201-197-8	ex 2903 19 00	i(2)	sr	
1,2-Dibromoethane (Ethylene dibromide) (#)	106-93-4	203-444-5	ex 2903 31 00	p(1)-p(2)	b-b	Please refer to PIC circular at www.pic.int/
1,2-Dichloroethane (ethylene dichloride) (#)	107-06-2	203-458-1	ex 2903 15 00	p(1)-p(2) i(2)	b-b b	Please refer to PIC circular at www.pic.int/

1,3-Dichloropropene ⁽¹⁾ (+)	542-75-6	208-826-5	ex 2903 29 00	p(1)	b	
1,3-Dichloropropene (cis) ((Z)-1,3-dichloropropene)	10061-01-5	233-195-8	ex 2903 29 00	p(1)-p(2)	b-b	
2-Aminobutane	13952-84-6	237-732-7	ex 2921 19 99	p(1)-p(2)	b-b	
2-Naphthylamine and its salts (+)	91-59-8 553-00-4 612-52-2 and others	202-080-4 209-030-0 210-313-6 and others	ex 2921 45 00	i(1)-i(2)	b-b	
2-Naphthyloxyacetic acid (+)	120-23-0	204-380-0	ex 2918 99 90	p(1)	b	
2,4-Dinitrotoluene (2,4-DNT) (+)	121-14-2	204-450-0	ex 2904 20 00	i(1)-i(2)	sr-b	
2,4,5-T and its salts and esters (#)	93-76-5 and others	202-273-3 and others	ex 2918 91 00	p(1)-p(2)	b-b	Please refer to PIC circular at www.pic.int/
3-Decen-2-one (+)	10519-33-2	234-059-0	ex 2914 19 90	p(1)	b	
4-Aminobiphenyl (biphenyl-4-amine) and its salts (+)	92-67-1 2113-61-3 and others	202-177-1 and others	ex 2921 49 00	i(1)-i(2)	b-b	
4-Nitrobiphenyl (+)	92-93-3	202-204-7	ex 2904 20 00	i(1)-i(2)	b-b	
4,4'-Diaminodiphenylmethane (MDA) (+)	101-77-9	202-974-4	ex 2921 59 90	i(1)-i(2)	sr-b	
5-Tert-butyl-2,4,6-trinitro-m-xylene (+)	81-15-2	201-329-4	ex 2904 20 00	i(1)-i(2)	sr-b	
Acephate (+)	30560-19-1	250-241-2	ex 2930 90 98	p(1)-p(2)	b-b	
Acetochlor (+)	34256-82-1	251-899-3	ex 2924 29 70	p(1)	b	
Acifluorfen	50594-66-6	256-634-5	ex 2918 99 90	p(1)-p(2)	b-b	
Alachlor (#)	15972-60-8	240-110-8	ex 2924 25 00	p(1)	b	

Aldicarb (#)	116-06-3	204-123-2	ex 2930 80 00	p(1)-p(2)	b-b	
Ametryn	834-12-8	212-634-7	ex 2933 69 80	p(1)-p(2)	b-b	
Amitraz (+)	33089-61-1	251-375-4	ex 2925 29 00	p(1)-p(2)	b-b	
Amitrole (+)	61-82-5	200-521-5	ex 2933 99 80	p(1)	b	
Anthraquinone (+)	84-65-1	201-549-0	ex 2914 61 00	p(1)-p(2)	b-b	
Arsenic compounds				p(2)	sr	
Asbestos Fibres (+):	1332-21-4 and others		ex 2524 90 00			Please refer to PIC circular at www.pic.int/
Actinolite (#)	77536-66-4		ex 2524 90 00	i	b	
Antophyllite (#)	77536-67-5		ex 2524 90 00	i	b	
Amosite (#)	12172-73-5		ex 2524 90 00	i	b	
Crocidolite (#)	12001-28-4		ex 2524 10 00	i	b	
Tremolite (#)	77536-68-6		ex 2524 90 00	i	b	
Chrysotile (+)	12001-29-5, 132207-32-0		ex 2524 90 00	i	b	
Asulam (+)	3337-71-1 2302-17-2	222-077-1 218-953-8	ex 2935 90 90	p(1)	b	
Atrazine (+)	1912-24-9	217-617-8	ex 2933 69 10	p(1)	b	
Azinphos-ethyl (+)	2642-71-9	220-147-6	ex 2933 99 80	p(1)-p(2)	b-b	
Azinphos-methyl (#)	86-50-0	201-676-1	ex 2933 92 00	p(1)	b	
Azocyclotin (+)	41083-11-8	255-209-1	ex 2933 99 80	p(1)	b	
Benalaxyl (+)	71626-11-4	275-728-7	ex 2924 29 70	p(1)	b	
Benfuracarb (+)	82560-54-1		ex 2932 99 00	p(1)	b	
Bensultap	17606-31-4		ex 2930 90 98	p(1)-p(2)	b-b	
Benzene (2)	71-43-2	200-753-7	ex 2902 20 00 ex 2707 10 00	i(2)	sr	
Benzene as a constituent of other substances in concentrations			ex 2707 10 00	i(2)	sr	

equal to, or greater than 0,1 % by weight ⁽²⁾						
Benzidine and its salts ⁽⁺⁾ Benzidine derivatives ⁽⁺⁾	92-87-5 36341-27-2 and others	202-199-1 252-984-8 and others	ex 2921 59 90	i(1)-i(2) i(2)	sr-b b	
Benzyl butyl phthalate ⁽⁺⁾	85-68-7	201-622-7	ex 2917 34 00	i(1)-i(2)	sr-b	
Beta-cyfluthrin ⁽⁺⁾	1820573-27-0		ex 2926 90 70	p(1)	b	
Beta-cypermethrin ⁽⁺⁾	65731-84-2	265-898-0	ex 2926 90 70	p(1)	b	
Bifenthrin ⁽⁺⁾	82657-04-3		ex 2916 20 00	p(1)-p(2)	b-sr	
Binapacryl ^(#)	485-31-4	207-612-9	ex 2916 16 00	p(1)-p(2) i(2)	b-b b	Please refer to PIC circular at www.pic.int/
Bis(pentabromo phenyl) ether ⁽⁺⁾	1163-19-5	214-604-9	ex 2909 30 38	i(1)-i(2)	sr-b	
Bitertanol ⁽⁺⁾	55179-31-2	259-513-5	ex 2933 99 80	p(1)	b	
Bromoxynil ⁽⁺⁾	1689-84-5 3861-41-4 56634-95-8 1689-99-2	216-882-7 223-374-9 260-300-4 216-885-3	ex 2926 90 70	p(1)	b	
Butralin ⁽⁺⁾	33629-47-9	251-607-4	ex 2921 49 00	p(1)	b	
Cadmium and its compounds ⁽⁺⁾	7440-43-9 and others	231-152-8 and others	ex 8107 and others	i(1)-i(2)	sr-sr	
Cadusafos ⁽⁺⁾	95465-99-9		ex 2930 90 98	p(1)	b	
Calciferol	50-14-6	200-014-9	ex 2936 29 00	p(1)	b	
Captafol ^(#)	2425-06-1	219-363-3	ex 2930 80 00	p(1)-p(2)	b-b	Please refer to PIC circular at www.pic.int/
Carbaryl ⁽⁺⁾	63-25-2	200-555-0	ex 2924 29 70	p(1)-p(2)	b-b	
Carbendazim	10605-21-7	234-232-0	ex 2933 99 80	p(1)	b	
Carbofuran ^(#)	1563-66-2	216-353-0	ex 2932 99 00	p(1)	b	
Carbon	56-23-5	200-262-8	ex 2903 14 00	i(2)	b	

tetrachloride						
Carbosulfan (+)	55285-14-8	259-565-9	ex 2932 99 00	p(1)	b	
Cartap	15263-53-3		ex 2930 20 00	p(1)-p(2)	b-b	
Chinomethionat	2439-01-2	219-455-3	ex 2934 99 90	p(1)-p(2)	b-b	
Chlorate (+)	7775-09-9 10137-74-3 7783-92-8 and others	231-887-4 233-378-2 232-034-9 and others	ex 2829 11 00 ex 2829 19 00 ex 2843 29 00	p(1)	b	
Chlordimeform (#)	6164-98-3	228-200-5	ex 2925 21 00	p(1)-p(2)	b-b	Please refer to PIC circular at www.pic.int/
Chlorfenapyr (+)	122453-73-0		ex 2933 99 80	p(1)	b	
Chlorfenvinphos	470-90-6	207-432-0	ex 2919 90 00	p(1)-p(2)	b-b	
Chlormephos	24934-91-6	246-538-1	ex 2930 90 98	p(1)-p(2)	b-b	
Chlorobenzilate (#)	510-15-6	208-110-2	ex 2918 18 00	p(1)-p(2)	b-b	Please refer to PIC circular at www.pic.int/
Chloroform	67-66-3	200-663-8	ex 2903 13 00	i(2)	b	
Chloropicrin (+)	76-06-2	200-930-9	ex 2904 91 00	p(1)	b	
Chlorothalonil (+)	1897-45-6	217-588-1	ex 2926 90 70	p(1)	b	
Chlorpropham (+)	101-21-3	202-925-7	ex 2924 29 70	p(1)	b	
Chlorpyrifos (+)	2921-88-2	220-864-4	ex 2933 39 99	p(1)	b	
Chlorpyrifos-methyl (+)	5598-13-0	227-011-5	ex 2933 39 99	p(1)	b	
Chlorthal-dimethyl (+)	1861-32-1	217-464-7	ex 2917 39 95	p(1)	b	
Chlozolinate (+)	84332-86-5	282-714-4	ex 2934 99 90	p(1)-p(2)	b-b	
Cholecalciferol	67-97-0	200-673-2	ex 2936 29 00	p(1)	b	
Cinidon-ethyl (+)	142891-20-1		ex 2925 19 95	p(1)	b	
Clothianidin (+)	210880-92-5	433-460-1	ex 2934 10 00	p(1)	b	
Coumafuryl	117-52-2	204-195-5	ex 2932 20 90	p(1)-p(2)	b-b	

Creosote and creosote related substances	8001-58-9	232-287-5	ex 2707 91 00 ex 3807 00 90				
	61789-28-4	263-047-8	ex 2707 91 00				
	84650-04-4	283-484-8	ex 2707 40 00 ex 2707 50 00				
	90640-84-9	292-605-3	ex 2707 91 00				
	65996-91-0	266-026-1	ex 3807 00 90 ex 2707 99 19	i(2)	b		
	90640-80-5	292-602-7	ex 2707 99 20				
	65996-85-2	266-019-3	ex 2707 99 80				
	8021-39-4	232-419-1	ex 3807 00 90				
	122384-78-5	310-191-5	ex 3807 00 90				
Crimidine	535-89-7	208-622-6	ex 2933 59 95	p(1)	b		
Cyanamide	420-04-2	206-992-3	ex 2853 90 90	p(1)	b		
Cyanazine	21725-46-2	244-544-9	ex 2933 69 80	p(1)-p(2)	b-b		
Cybutryne (+)	28159-98-0	248-872-3	ex 2933 69 80	p(2)	b		
Cyclanilide (+)	113136-77-9	419-150-7	ex 2924 29 70	p(1)	b		
Cyfluthrin	68359-37-5	269-855-7	ex 2926 90 70	p(1)	b		
Cyhalothrin	68085-85-8	268-450-2	ex 2926 90 70	p(1)	b		
Cyhexatin (+)	13121-70-5	236-049-1	ex 2931 90 00	p(1)	b		
DBB (Di- μ -oxo-di-n-butylstannio-hydroxyborane/dioxastannabor etan-4-ol)	75113-37-0	401-040-5	ex 2931 90 00	i(1)	b		
Desmedipham (+)	13684-56-5	237-198-5	ex 2924 29 70	p(1)	b		
Diarsenic pentaoxide (+)	1303-28-2	215-116-9	ex 2811 29 90	i(1)-i(2)	sr-b		
Diazinon (+)	333-41-5	206-373-8	ex 2933 59 10	p(1)	b		
Dibutyltin compounds	683-18-1	211-670-0	ex 2931 90 00	i(2)	sr		
	77-58-7	201-039-8					
	1067-33-0	213-928-8					

	and others	and others				
Dichlobenil (+)	1194-65-6	214-787-5	ex 2926 90 70	p(1)	b	
Dicloran (+)	99-30-9	202-746-4	ex 2921 42 00	p(1)	b	
Dichlorvos (+)	62-73-7	200-547-7	ex 2919 90 00	p(1)-p(2)	b-b	
Didecyldimethylammonium chloride	7173-51-5	230-525-2	ex 2923 90 00	p(1)	b	
Diisobutyl phthalate (+)	84-69-5	201-553-2	ex 2917 34 00	i(1)-i(2)	sr-b	
Dimethenamid (+)	87674-68-8		ex 2934 99 90	p(1)	b	
Dimethoate (+)	60-51-5	200-480-3	ex 2930 90 98	p(1)	b	
Diniconazole-M (+)	83657-18-5		ex 2933 99 80	p(1)	b	
Dinitro-ortho-cresol (DNOC) and its salts (such as ammonium salt, potassium salt and sodium salt) (#)	534-52-1 2980-64-5 5787-96-2 2312-76-7	208-601-1 221-037-0 219-007-7	ex 2908 92 00	p(1)-p(2)	b-b	Please refer to PIC circular at www.pic.int/
Dinobuton	973-21-7	213-546-1	ex 2920 90 10	p(1)-p(2)	b-b	
Dinoseb and its salts and esters (#)	88-85-7 and others	201-861-7 and others	ex 2908 91 00 ex 2915 36 00	p(1)-p(2) i(2)	b-b b	Please refer to PIC circular at www.pic.int/
Dinoterb (+)	1420-07-1	215-813-8	ex 2908 99 00	p(1)-p(2)	b-b	
Diocetyl tin compounds	3542-36-7 870-08-6 16091-18-2 and others	222-583-2 212-791-1 240-253-6 and others	ex 2931 90 00	i(2)	sr	
Diphenylamine (+)	122-39-4	204-539-4	ex 2921 44 00	p(1)	b	
Diquat, including diquat dibromide (+)	2764-72-9 85-00-7	220-433-0 201-579-4	ex 2933 99 80	p(1)	b	
DPX KE 459 (flupyrsulfuron-methyl) (+)	150315-10-9 144740-54-5		ex 2935 90 90	p(1)	b	
Dustable powder			ex 3808 99 90	p(1)-p(2)	b-b	Please refer to PIC circular at

formulations containing a combination of:						www.pic.int/
Benomyl at or above 7 %	17804-35-2	241-775-7	ex 2933 99 80			
Carbofuran at or above 10 %	1563-66-2	216-353-0	ex 2932 99 00			
and Thiram at or above 15 % (#)	137-26-8	205-286-2	ex 2930 30 00			
Empenthrin (+)	54406-48-3	259-154-4	ex 2916 20 00	p(2)	b	
Epoxiconazole (+)	135319-73-2	406-850-2	ex 2934 99 90	p(1)	b	
Ethalfuralin (+)	55283-68-6	259-564-3	ex 2921 43 00	p(1)	b	
Ethion	563-12-2	209-242-3	ex 2930 90 98	p(1)-p(2)	b-b	
Ethoprophos (+)	13194-48-4	236-152-1	ex 2930 90 98	p(1)	b	
Ethoxysulfuron (+)	126801-58-9		ex 2933 59 95	p(1)	b	
Ethoxyquin (+)	91-53-2	202-075-7	ex 2933 49 90	p(1)	b	
Ethylene oxide (Oxirane) (#)	75-21-8	200-849-9	ex 2910 10 00	p(1)	b	Please refer to PIC circular at www.pic.int/
Fenamidone (+)	161326-34-7		ex 2933 29 90	p(1)	b	
Fenarimol (+)	60168-88-9	262-095-7	ex 2933 59 95	p(1)	b	
Fenamiphos (+)	22224-92-6	244-848-1	ex 2930 90 98	p(1)	b	
Fenbutatin oxide (+)	13356-08-6	236-407-7	ex 2931 90 00	p(1)	b	
Fenitrothion (+)	122-14-5	204-524-2	ex 2920 19 00	p(1)	b	
Fenpropathrin	39515-41-8	254-485-0	ex 2926 90 70	p(1)-p(2)	b-b	
Fenthion (+)	55-38-9	200-231-9	ex 2930 90 98	p(1)	sr	
Fentin acetate (+)	900-95-8	212-984-0	ex 2931 90 00	p(1)-p(2)	b-b	
Fentin hydroxide (+)	76-87-9	200-990-6	ex 2931 90 00	p(1)-p(2)	b-b	
Fenvalerate	51630-58-1	257-326-3	ex 2926 90 70	p(1)	b	
Ferbam (+)	14484-64-1	238-484-2	ex 2930 20 00	p(1)-p(2)	b-b	

Fipronil (+)	120068-37-3	424-610-5	ex 2933 19 90	p(1)	b	
Flufenoxuron (+)	101463-69-8	417-680-3	ex 2924 21 00	p(1)-p(2)	b-sr	
Fluoroacetamide (#)	640-19-7	211-363-1	ex 2924 12 00	p(1)	b	Please refer to PIC circular at www.pic.int/
Flurenol	467-69-6	207-397-1	ex 2918 19 98	p(1)-p(2)	b-b	
Flurprimidol (+)	56425-91-3		ex 2933 59 95	p(1)	b	
Flurtamone (+)	96525-23-4		ex 2932 19 00	p(1)	b	
Furathiocarb	65907-30-4	265-974-3	ex 2932 99 00	p(1)-p(2)	b-b	
Glufosinate, including glufosinate ammonium (+)	51276-47-2 77182-82-2	257-102-5 278-636-6	ex 2931 39 90	p(1)	b	
Guazatine (+)	108173-90-6 115044-19-4	236-855-3	ex 3808 99 90	p(1)-p(2)	b-b	
Hexachloroethane	67-72-1	200-666-4	ex 2903 19 00	i(1)	sr	
Hexazinone (+)	51235-04-2	257-074-4	ex 2933 69 80	p(1)-p(2)	b-b	
Imidacloprid	138261-41-3	428-040-8	ex 2933 39 99	p(1)	sr	
Iminoctadine	13516-27-3	236-855-3	ex 2925 29 00	p(1)-p(2)	b-b	
Indolylacetic acid (+)	87-51-4	201-748-2	ex 2933 99 80	p(1)	b	
Iprodione (+)	36734-19-7	253-178-9	ex 2933 21 00	p(1)	b	
Isoproturon (+)	34123-59-6	251-835-4	ex 2924 21 00	p(1)	b	
Isoxathion	18854-01-8	242-624-8	ex 2934 99 90	p(1)	b	
Lead and its compounds	7439-92-1 598-63-0 1319-46-6 7446-14-2 7784-40-9 7758-97-6 1344-37-2 25808-74-6 13424-46-9 301-04-2	231-100-4 209-943-4 215-290-6 231-198-9 232-064-2 231-846-0 215-693-7 247-278-1 236-542-1 206-104-4	ex 7801 10 00, ex 7804 20 00 ex 2836 99 17 ex 3206 49 70 ex 2833 29 60 ex 2842 90 80 ex 2841 50 00 ex 3206 20 00 ex 2826 90 80 ex 2850 00 60	i(2)	sr	

	7446-27-7 15245-44-0 and others	231-205-5 239-290-0 and others	ex 2915 29 00 ex 2835 29 90, ex 3206 49 70 ex 2908 99 00			
Linuron (+)	330-55-2	206-356-5	ex 2928 00 90	p(1)	b	
Malathion	121-75-5	204-497-7	ex 2930 90 98	p(2)	b	
Maleic hydrazide salts other than choline, potassium and sodium salts	5716-15-4 42489-17-8 36518-59-9 65445-74-1 51137-11-2 and others	227-213-3 255-849-1 253-082-7 265-780-9 and others	ex 2933 99 80	p(1)	b	
Mancozeb (+)	8018-01-7		ex 3808 92 30	p(1)	b	
Maneb (+)	12427-38-2	235-654-8	ex 3824 99 93	p(1)-p(2)	b-b	
Mecoprop (+)	7085-19-0 93-65-2	230-386-8 202-264-4	ex 2918 99 90	p(1)	b	
Mercury (+)	7439-97-6	231-106-7	ex 2805 40	i(1)-i(2)	sr-b	
Mercury compounds, including inorganic mercury compounds, alkyl mercury compounds and alkyloxyalkyl and aryl mercury compounds except mercury compounds listed in Annex V (#)	62-38-4, 26545-49-3 and others	200-532-5, 247-783-7 and others	ex 2852 10 00	p(1)-p(2)	b-b	Please refer to PIC circular at www.pic.int/
Methamidophos (#)	10265-92-6	233-606-0	ex 2930 80 00	p(1)	b	
Methidathion	950-37-8	213-449-4	ex 2934 99 90	p(1)-p(2)	b-b	
Methiocarb (+)	2032-65-7	217-991-2	ex 2930 90 98	p(1)	b	
Methomyl (+)	16752-77-5	240-815-0	ex 2930 90 98	p(1)-p(2)	b-b	
Methyl bromide (+)	74-83-9	200-813-2	ex 2903 39 11	p(1)-p(2)	b-b	
Methyl-	298-00-0	206-050-1	ex 2920 11 00	p(1)-p(2)	b-b	Please refer to PIC circular at

parathion (+) (#)						www.pic.int/
Metoxuron	19937-59-8	243-433-2	ex 2924 21 00	p(1)-p(2)	b-b	
Monocrotophos (#)	6923-22-4	230-042-7	ex 2924 12 00	p(1)-p(2)	b-b	Please refer to PIC circular at www.pic.int/
Monolinuron	1746-81-2	217-129-5	ex 2928 00 90	p(1)	b	
Monomethyl-dibromo-diphenyl methane Tradename: DBBT (+)	99688-47-8	402-210-1	ex 2903 99 80	i(1)	b	
Monomethyl-dichloro-diphenyl methane; Tradename: Ugilec 121 or Ugilec 21 (+)		400-140-6	ex 2903 69 90	i(1)-i(2)	b-b	
Monomethyl-tetrachlorodiphenyl methane; Tradename: Ugilec 141 (+)	76253-60-6	278-404-3	ex 2903 99 80	i(1)-i(2)	b-b	
Monuron	150-68-5	205-766-1	ex 2924 21 00	p(1)	b	
Naled (+)	300-76-5	206-098-3	ex 2919 90 00	p(1)-p(2)	b-b	
Nicotine (+)	54-11-5	200-193-3	ex 2939 79 10	p(1)	b	
Nitrofen (+)	1836-75-5	217-406-0	ex 2909 30 90	p(1)-p(2)	b-b	
Nonylphenols C ₆ H ₄ (OH)C ₉ H ₁₉ (+)	25154-52-3 (phenol, nonyl-) 84852-15-3 (phenol, 4-nonyl-, branched) 11066-49-2 (isononylphenol) 90481-04-2, (phenol, nonyl-, branched) 104-40-5(p-	246-672-0 284-325-5 234-284-4 291-844-0 203-199-4	ex 2907 13 00 ex 2907 13 00 ex 2907 13 00 ex 2907 13 00 ex 2907 13 00	i(1)-i(2)	sr-sr	

	nonylphenol) and others	and others				
Nonylphenol ethoxylates (C ₂ H ₄ O) _n C ₁₅ H ₂₄ O ⁽⁺⁾	9016-45-9 26027-38-3 68412-54-4 37205-87-1 127087-87-0 and others		ex 3402 13 00 ex 3907 20 11 ex 3824 99 92	i(1)-i(2) p(1)-p(2)	sr-sr b-b	
Commercial octabromodiphenyl ether, including - hexabromo diphenyl ether - heptabromo diphenyl ether ^(#)	36483-60-0 68928-80-3	253-058-6 273-031-2	ex 3824 88 00 ex 2909 30 38	i(1)-i(2)	b-b	
Omethoate	1113-02-6	214-197-8	ex 2930 90 98	p(1)-p(2)	b-b	
Orthosulfamuron ⁽⁺⁾	213464-77-8		ex 2933 59 95	p(1)	b	
Oxadiargyl ⁽⁺⁾	39807-15-3	254-637-6	ex 2934 99 90	p(1)	b	
Oxasulfuron ⁽⁺⁾	144651-06-9		ex 2935 90 90	p(1)	b	
Oxydemeton-methyl ⁽⁺⁾	301-12-2	206-110-7	ex 2930 90 98	p(1)	b	
Paraquat ⁽⁺⁾	4685-14-7 1910-42-5 2074-50-2	225-141-7 217-615-7 218-196-3	ex 2933 39 99	p(1)	b	
Parathion ^(#)	56-38-2	200-271-7	ex 2920 11 00	p(1)-p(2)	b-b	Please refer to PIC circular at www.pic.int/
Pebulate	1114-71-2	214-215-4	ex 2930 20 00	p(1)-p(2)	b-b	
Commercial pentabromodiphenyl ether, including - tetrabromo diphenyl ether - pentabromo diphenyl ether ^(#)	40088-47-9 32534-81-9	254-787-2 251-084-2	ex 2909 30 31 ex 2909 30 38 ex 3824 88 00	i(1)-i(2)	b-b	

Pentachloroethane	76-01-7	200-925-1	ex 2903 19 00	i(2)	sr	
Pentachlorophenol and its salts and esters (#)	87-86-5 and others	201-778-6 and others	ex 2908 11 00 and others	p(1)-p(2)	b-sr	Please refer to PIC circular at www.pic.int/
Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds (+)	335-67-1 and others	206-397-9 and others	ex 2915 90 70 and others	i(1)-i(2)	sr-b	
Perfluorooctane sulfonates (PFOS) C8F17SO2X (X = OH, Metal salt (O-M+), halide, amide, and other derivatives including polymers) (+)/(#)	1763-23-1 2795-39-3 70225-14-8 56773-42-3 4151-50-2 57589-85-2 68081-83-4 and others	217-179-8 220-527-1 274-460-8 260-375-3 223-980-3 260-837-4 268-357-7 and others	ex 2904 31 00 ex 2904 34 00 ex 2922 16 00 ex 2923 30 00 ex 2935 20 00 ex 2924 29 70 ex 3824 99 92	i(1)	sr	
Permethrin	52645-53-1	258-067-9	ex 2916 20 00	p(1)	b	
Phorate (#)	298-02-2	206-052-2	ex 2930 90 98	p(1)	b	
Phosalone (+)	2310-17-0	218-996-2	ex 2934 99 90	p(1)	b	
Phosphamidon (soluble liquid formulations of the substance that exceed 1000 g active ingredient/l) (#)	13171-21-6 (mixture, (E) & (Z) isomers) 23783-98-4 ((Z)-isomer) 297-99-4 ((E)-isomer)	236-116-5	ex 2924 12 00 ex 3808 50 00	p(1)-p(2)	b-b	Please refer to PIC circular at www.pic.int/
Picoxystrobin (+)	117428-22-5		ex 2933 39 99	p(1)	b	
Polybrominated biphenyls (PBB) except hexabromobiphenyl (#)	13654-09-6, 27858-07-7 and others	237-137-2, 248-696-7 and others	ex 2903 99 80	i(1)	sr	Please refer to PIC circular at www.pic.int/
Polychlorinated terphenyls (PCT) (#)	61788-33-8	262-968-2	ex 2903 99 80	i(1)	b	Please refer to PIC circular at www.pic.int/
Procymidone (+)	32809-16-8	251-233-1	ex 2925 19 95	p(1)	b	

Propachlor (+)	1918-16-7	217-638-2	ex 2924 29 70	p(1)	b	
Propanil (+)	709-98-8	211-914-6	ex 2924 29 70	p(1)	b	
Propham	122-42-9	204-542-0	ex 2924 29 70	p(1)	b	
Propargite (+)	2312-35-8	219-006-1	ex 2920 90 70	p(1)	b	
Propiconazole	60207-90-1	262-104-4	ex 2934 99 90	p(1)	b	
Propineb (+)	12071-83-9 9016-72-2	235-134-0	ex 2930 20 00	p(1)	b	
Propisochlor (+)	86763-47-5		ex 2924 29 70	p(1)	b	
Pymetrozine (+)	123312-89-0		ex 2933 69 80	p(1)	b	
Pyrazophos (+)	13457-18-6	236-656-1	ex 2933 59 95	p(1)-p(2)	b-b	
Quinoxifen (+)	124495-18-7		ex 2933 49 90	p(1)	b	
Quintozene (+)	82-68-8	201-435-0	ex 2904 99 00	p(1)-p(2)	b-b	
Rotenone (+)	83-79-4	201-501-9	ex 2932 99 00	p(1)	b	
Scilliroside	507-60-8	208-077-4	ex 2938 90 90	p(1)	b	
Simazine (+)	122-34-9	204-535-2	ex 2933 69 10	p(1)-p(2)	b-b	
Strychnine	57-24-9	200-319-7	ex 2939 79 90	p(1)	b	
Tecnazene (+)	117-18-0	204-178-2	ex 2904 99 00	p(1)-p(2)	b-b	
Tepraloxydim (+)	149979-41-9		ex 2932 99 00 ex 3808 93 27	p(1)	b	
Terbufos	13071-79-9	235-963-8	ex 2930 90 98	p(1)-p(2)	b-b	
Tetraethyl lead (#)	78-00-2	201-075-4	ex 2931 10 00	i(1)	sr	Please refer to PIC circular at www.pic.int/
Tetramethyl lead (#)	75-74-1	200-897-0	ex 2931 10 00	i(1)	sr	Please refer to PIC circular at www.pic.int/
Thallium sulphate	7446-18-6	231-201-3	ex 2833 29 80	p(1)	b	
Thiacloprid (+)	111988-49-9		ex 2934 10 00	p(1)-p(2)	b-b	
Thiamethoxam (+)	153719-23-4	428-650-4	ex 2934 10 00	p(1)	b	
Thiobencarb (+)	28249-77-6	248-924-5	ex 2930 20 00	p(1)	b	
Thiocyclam	31895-22-4	250-859-2	ex 2934 99 90	p(1)-p(2)	b-b	

Thiodicarb (+)	59669-26-0	261-848-7	ex 2930 90 98	p(1)	b	
Thiophanate-methyl (+)	23564-05-8	245-740-7	ex 2930 90 98	p(1)	b	
Thiram (+)	137-26-8	205-286-2	ex 2930 30 00	p(1)-p(2)	b-sr	
Tolyfluanid (+)	731-27-1	211-986-9	ex 2930 90 98	p(1)	b	
Triasulfuron (+)	82097-50-5		ex 2935 90 90	p(1)	b	
Triazophos	24017-47-8	245-986-5	ex 2933 99 80	p(1)-p(2)	b-b	
All tributyltin compounds, including: (#)			ex 2931 20 00	p(2) i(1)-i(2)	b sr-sr	
Tributyltin oxide	56-35-9	200-268-0				
Tributyltin fluoride	1983-10-4	217-847-9				
Tributyltin methacrylate	2155-70-6	218-452-4				
Tributyltin benzoate	4342-36-3	224-399-8				
Tributyltin chloride	1461-22-9	215-958-7				
Tributyltin linoleate	24124-25-2	246-024-7				
Tributyltin naphthenate	85409-17-2	287-083-9				
	and others	and others				
Trichlorfon (#)	52-68-6	200-149-3	ex 2931 39 90	p(1)-p(2)	b-b	
Trichlorobenzene	120-82-1	204-428-0	ex 2903 99 80	i(2)	sr	
Triclosan (+)	3380-34-5	222-182-2	ex 2909 50 00	p(2)	b	
Tricyclazole (+)	41814-78-2	255-559-5	ex 2934 99 90	p(1)	b	
Tridemorph	24602-86-6	246-347-3	ex 2934 99 90	p(1)-p(2)	b-b	
Triflururon	64628-44-0	264-980-3	ex 2924 21 00	p(2)	b	
Trifluralin (+)	1582-09-8	216-428-8	ex 2921 43 00	p(1)	b	
Triorganostannic compounds other than tributyltin			ex 2931 00 95 and others	p(2) i(2)	sr sr	

compounds (+)						
Tris (2-chloroethyl) phosphate (+)	115-96-8	204-118-5	ex 2919 90 00	i(1)-i(2)	sr-b	
Tris (2,3-dibromopropyl) phosphate (#)	126-72-7	204-799-9	ex 2919 10 00	i(1)	sr	Please refer to PIC circular at www.pic.int/
Tris(aziridinyl) phosphin oxide (1,1',1'-phosphoryl triaziridine)	545-55-1	208-892-5	ex 2933 99 80	i(1)	sr	
Vamidothion	2275-23-2	218-894-8	ex 2930 90 98	p(1)-p(2)	b-b	
Vinclozolin (+)	50471-44-8	256-599-6	ex 2934 99 90	p(1)	b	
Warfarin	81-81-2	201-377-6	ex 2932 20 90	p(1)	b	
Zineb	12122-67-7	235-180-1	ex 3824 99 93 ex 3808 92 30	p(1)	b	

(*) Subcategory: p(1) — pesticide in the group of plant protection products, p(2) — other pesticide including biocides. i(1) — industrial chemical for professional use and i(2) — industrial chemical for public use.

(**) Use limitation: sr — severe restriction, b — ban (for the subcategory or subcategories concerned) according to Union legislation.

(***) An 'ex' before a code implies that chemicals other than those referred to in the column 'Chemical' may also fall under that subheading.

(1) This entry does not affect the existing entry for 1,3-Dichloropropene (cis) (CAS No 10061-01-5).

(2) Except motor fuels subject to Directive 98/70/EC of the European Parliament and of the Council of 13 October 1998 relating to the quality of petrol and diesel fuels and amending Council Directive 93/12/EEC (OJ L 350, 28.12.1998, p. 58).

CAS No = Chemical Abstracts Service Registry Number.

(#) Chemical subject or partially subject to the PIC procedure.

(+) Chemical qualifying for PIC notification.

PART 2

List of chemicals qualifying for PIC notification

(referred to in Article 11)

This list comprises chemicals qualifying for PIC notification. It does not include chemicals that are already subject to the PIC procedure, which are listed in Part 3 of this Annex.

Chemical	CAS No	EC No	CN code (***)	Category (*)	Use limitation (**)
1,3-Dichloropropene	542-75-6	208-826-5	ex 2903 29 00	p	b
2-Naphthylamine (naphthalen-2-amine)	91-59-8,	202-080-4,	ex 2921 45 00	i	b

and its salts	553-00-4, 612-52-2 and others	209-030-0, 210-313-6 and others			
2-Naphthoxyacetic acid	120-23-0	204-380-0	ex 2918 99 90	p	b
2,4-Dinitrotoluene (2,4-DNT)	121-14-2	204-450-0	ex 2904 20 00	i	sr
3-Decen-2-one	10519-33-2	234-059-0	ex 2914 19 90	p	b
4-Aminobiphenyl (biphenyl-4-amine) and its salts	92-67-1 2113-61-3 and others	202-177-1 and others	ex 2921 49 00	i	b
4-Nitrobiphenyl	92-92-3	202-204-7	ex 2904 20 00	i	b
4,4'-Diaminodiphenylmethane (MDA)	101-77-9	202-974-4	ex 2921 59 90	i	sr
5-Tert-butyl-2,4,6-trinitro-m-xylene	81-15-2	201-329-4	ex 2904 20 00	i	sr
Acephate	30560-19-1	250-241-2	ex 2930 90 98	p	b
Acetochlor	34256-82-1	251-899-3	ex 2924 29 70	p	b
Amitraz	33089-61-1	251-375-4	ex 2925 29 00	p	b
Amitrole	61-82-5	200-521-5	ex 2933 99 80	p	b
Anthraquinone	84-65-1	201-549-0	ex 2914 61 00	p	b
Asbestos fibres: Chrysotile	12001-29-5 132207-32-0		ex 2524 90 00	i	b
Asulam	3337-71-1 2302-17-2	222-077-1 218-953-8	ex 2935 90 90	p	b
Atrazine	1912-24-9	217-617-8	ex 2933 69 10	p	b
Azinphos-ethyl	2642-71-9	220-147-6	ex 2933 99 80	p	b
Azocyclotin	41083-11-8	255-209-1	ex 2933 99 80	p	b
Benalaxyl	71626-11-4	275-728-7	ex 2924 29 70	p	b
Benfuracarb	82560-54-1		ex 2932 99 00	p	b
Benzidine and its salts Benzidine derivatives	92-87-5 36341-27-2 and others	202-199-1 252-984-8 and others	ex 2921 59 90	i	sr

Benzyl butyl phthalate	85-68-7	201-622-7	ex 2917 34 00	i	sr
Beta-cyfluthrin	1820573-27-0		ex 2926 90 70	p	b
Beta-cypermethrin	65731-84-2	265-898-0	ex 2926 90 70	p	b
Bifenthrin	82657-04-3		ex 2916 20 00	p	sr
Bis(pentabromophenyl) ether	1163-19-5	214-604-9	ex 2909 30 38	i	sr
Bitertanol	55179-31-2	259-513-5	ex 2933 99 80	p	b
Bromoxynil	1689-84-5 3861-41-4 56634-95-8 1689-99-2	216-882-7 223-374-9 260-300-4 216-885-3	ex 2926 90 70	p	b
Butralin	33629-47-9	251-607-4	ex 2921 49 00	p	b
Cadmium and its compounds	7440-43-9 and others	231-152-8 and others	ex 8107 and others	i	sr
Cadusafos	95465-99-9		ex 2930 90 98	p	b
Carbaryl	63-25-2	200-555-0	ex 2924 29 70	p	b
Carbosulfan	55285-14-8	259-565-9	ex 2932 99 00	p	b
Chlorate	7775-09-9 10137-74-3 7783-92-8 and others	231-887-4 233-378-2 232-034-9 and others	ex 2829 11 00 ex 2829 19 00 ex 2843 29 00	p	b
Chlorfenapyr	122453-73-0		ex 2933 99 80	p	sr
Chloropicrin	76-06-2	200-930-9	ex 2904 91 00	p	b
Chlorothalonil	1897-45-6	217-588-1	ex 2926 90 70	p	b
Chlorpropham	101-21-3	202-925-7	ex 2924 29 70	p	b
Chlorpyrifos	2921-88-2	220-864-4	ex 2933 39 99	p	b
Chlorpyrifos-methyl	5598-13-0	227-011-5	ex 2933 39 99	p	b
Chlorthal-dimethyl	1861-32-1	217-464-7	ex 2917 39 95	p	b
Chlozolate	84332-86-5	282-714-4	ex 2934 99 90	p	b
Cinidon-ethyl	142891-20-1		ex 2925 19 95	p	b
Clothianidin	210880-92-5	433-460-1	ex 2934 10 00	p	sr

Cybutryne	28159-98-0	248-872-3	ex 2933 69 80	p	b
Cyclanilide	113136-77-9	419-150-7	ex 2924 29 70	p	b
Cyhexatin	13121-70-5	236-049-1	ex 2931 90 00	p	b
Desmedipham	13684-56-5	237-198-5	ex 2924 29 70	p	b
Diarsenic pentaoxide	1303-28-2	215-116-9	ex 2811 29 90	i	sr
Diazinon	333-41-5	206-373-8	ex 2933 59 10	p	sr
Dichlobenil	1194-65-6	214-787-5	ex 2926 90 70	p	b
Dicloran	99-30-9	202-746-4	ex 2921 42 00	p	b
Dichlorvos	62-73-7	200-547-7	ex 2919 90 00	p	b
Diisobutyl phthalate	84-69-5	201-553-2	ex 2917 34 00	i	sr
Dimethenamid	87674-68-8		ex 2934 99 90	p	b
Dimethoate	60-51-5	200-480-3	ex 2930 90 98	p	b
Diniconazole-M	83657-18-5		ex 2933 99 80	p	b
Dinoterb	1420-07-1	215-813-8	ex 2908 99 00	p	b
Diphenylamine	122-39-4	204-539-4	ex 2921 44 00	p	b
Diquat, including diquat dibromide	2764-72-9 85-00-7	220-433-0 201-579-4	ex 2933 99 80	p	b
DPX KE 459 (flupyrsulfuron-methyl)	150315-10-9 144740-54-5		ex 2935 90 90	p	b
Empenthrin	54406-48-3	259-154-4	ex 2916 20 00	p	b
Epoxiconazole	135319-73-2	406-850-2	ex 2934 99 90	p	b
Ethalfuralin	55283-68-6	259-564-3	ex 2921 43 00	p	b
Ethoprophos	13194-48-4	236-152-1	ex 2930 90 98	p	b
Ethoxysulfuron	126801-58-9		ex 2933 59 95	p	b
Ethoxyquin	91-53-2	202-075-7	ex 2933 49 90	p	b
Fenamidone	161326-34-7		ex 2933 29 90	p	b
Fenarimol	60168-88-9	262-095-7	ex 2933 59 95	p	b
Fenamiphos	22224-92-6	244-848-1	ex 2930 90 98	p	b
Fenbutatin oxide	13356-08-6	236-407-7	ex 2931 90 00	p	b

Fenitrothion	122-14-5	204-524-2	ex 2920 19 00	p	sr
Fenthion	55-38-9	200-231-9	ex 2930 90 98	p	sr
Fentin acetate	900-95-8	212-984-0	ex 2931 90 00	p	b
Fentin hydroxide	76-87-9	200-990-6	ex 2931 90 00	p	b
Ferbam	14484-64-1	238-484-2	ex 2930 20 00	p	b
Fipronil	120068-37-3	424-610-5	ex 2933 19 90	p	sr
Flufenoxuron	101463-69-8	417-680-3	ex 2924 21 00	p	sr
Flurprimidol	56425-91-3		ex 2933 59 95	p	b
Flurtamone	96525-23-4		ex 2932 19 00	p	b
Glufosinate, including glufosinate ammonium	51276-47-2 77182-82-2	257-102-5 278-636-6	ex 2931 39 90	p	b
Guazatine	108173-90-6 115044-19-4	236-855-3	ex 3808 99 90	p	b
Hexazinone	51235-04-2	257-074-4	ex 2933 69 80	p	b
Indolylacetic acid	87-51-4	201-748-2	ex 2933 99 80	p	b
Iprodione	36734-19-7	253-178-9	ex 2933 21 00	p	b
Isoproturon	34123-59-6	251-835-4	ex 2924 21 00	p	sr
Linuron	330-55-2	206-356-5	ex 2928 00 90	p	b
Mancozeb	8018-01-7		ex 3808 92 30	p	b
Maneb	12427-38-2	235-654-8	ex 3824 99 93	p	b
Mecoprop	7085-19-0 93-65-2	230-386-8 202-264-4	ex 2918 99 90	p	b
Mercury	7439-97-6	231-106-7	ex 2805 40	i	sr
Methiocarb	2032-65-7	217-991-2	ex 2930 90 98	p	b
Methomyl	16752-77-5	240-815-0	ex 2930 90 98	p	b
Methyl bromide	74-83-9	200-813-2	ex 2903 39 11	p	b
Methyl parathion (#)	298-00-0	206-050-1	ex 2920 11 00	p	b
Monomethyl- dibromo-diphenyl methane Tradename: DBBT	99688-47-8	401-210-1	ex 2903 99 80	i	b

Monomethyl-dichloro-diphenyl methane; Tradename: Ugilec 121 or Ugilec 21	—	400-140-6	ex 2903 69 90	i	b
Monomethyl-tetrachlorodiphenyl methane; Tradename: Ugilec 141	76253-60-6	278-404-3	ex 2903 99 80	i	b
Naled	300-76-5	206-098-3	ex 2919 90 00	p	b
Nicotine	54-11-5	200-193-3	ex 2939 79 10	p	b
Nitrofen	1836-75-5	217-406-0	ex 2909 30 90	p	b
Nonylphenols $C_6H_4(OH)C_9H_{19}$	25154-52-3 (phenol, nonyl-) 84852-15-3 (phenol, 4-nonyl-, branched) 11066-49-2 (isononylphenol) 90481-04-2, (phenol, nonyl-, branched) 104-40-5 (P-nonylphenol) and others	246-672-0 284-325-5 234-284-4 291-844-0 203-199-4 and others	ex 2907 13 00	i	sr
Nonylphenol ethoxylates $(C_2H_4O)_n C_{15}H_{24}O$	9016-45-9 26027-38-3 68412-54-4 37205-87-1 127087-87-0 and others		ex 3402 13 00 ex 3907 20 11 ex 3824 99 92	i p	sr b
Orthosulfamuron	213464-77-8		ex 2933 59 95	p	b
Oxadiargyl	39807-15-3	254-637-6	ex 2934 99 90	p	b
Oxasulfuron	144651-06-9		ex 2935 90 90	p	b
Oxydemeton-methyl	301-12-2	206-110-7	ex 2930 90 98	p	b
Paraquat	4685-14-7	225-141-7	ex 2933 39 99	p	b

	1910-42-5 2074-50-2	217-615-7 218-196-3			
Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds	335-67-1 and others	206-397-9 and others	2915 90 70 and others	i	sr
Perfluorooctane sulfonate derivatives (including polymers), not covered by Perfluorooctane sulfonic acid, Perfluorooctane sulfonates, Perfluorooctane sulfonamides, Perfluorooctane sulfonyls	57589-85-2 68081-83-4 and others	260-837-4 268-357-7 and others	ex 2924 29 70 ex 3824 99 92	i	sr
Phosalone	2310-17-0	218-996-2	ex 2934 99 90	p	b
Picoxystrobin	117428-22-5		ex 2933 39 99	p	b
Procymidone	32809-16-8	251-233-1	ex 2925 19 95	p	b
Propachlor	1918-16-7	217-638-2	ex 2924 29 70	p	b
Propanil	709-98-8	211-914-6	ex 2924 29 70	p	b
Propargite	2312-35-8	219-006-1	ex 2920 90 70	p	b
Propineb	12071-83-9 9016-72-2	235-134-0	ex 2930 20 00	p	b
Propisochlor	86763-47-5		ex 2924 29 70	p	b
Pymetrozine	123312-89-0		ex 2933 69 80	p	b
Pyrazophos	13457-18-6	236-656-1	ex 2933 59 95	p	b
Quinoxifen	124495-18-7		ex 2933 49 90	p	b
Quintozene	82-68-8	201-435-0	ex 2904 99 00	p	b
Rotenone	83-79-4	201-501-9	ex 2932 99 00	p	sr
Simazine	122-34-9	204-535-2	ex 2933 69 10	p	b
Tecnazene	117-18-0	204-178-2	ex 2904 99 00	p	b
Tepraloxydim	149979-41-9		ex 2932 99 00 ex 3808 93 27	p	b
Thiacloprid	111988-49-9		ex 2934 10 00	p	b

Thiamethoxam	153719-23-4	428-650-4	ex 2934 10 00	p	sr
Thiobencarb	28249-77-6	248-924-5	ex 2930 20 00	p	b
Thiodicarb	59669-26-0	261-848-7	ex 2930 90 98	p	b
Thiophanate-methyl	23564-05-8	245-740-7	ex 2930 90 98	p	b
Thiram	137-26-8	205-286-2	ex 2930 30 00	p	sr
Tolyfluanid	731-27-1	211-986-9	ex 2930 90 98	p	sr
Triasulfuron	82097-50-5		ex 2935 90 90	p	b
Triclosan	3380-34-5	222-182-2	ex 2909 50 00	p	b
Tricyclazole	41814-78-2	255-559-5	ex 2934 99 90	p	b
Trifluralin	1582-09-8	216-428-8	ex 2921 43 00	p	b
Triorganostannic compounds other than tributyltin compounds			ex 2931 00 95 and others	p	sr
Tris (2-chloroethyl) phosphate	115-96-8	204-118-5	ex 2919 90 00	i	sr
Vinclozolin	50471-44-8	256-599-6	ex 2934 99 90	p	b

(*) Category: p — pesticides; i — industrial chemical.

(**) Use limitation: sr — severe restriction, b — ban (for the category or categories concerned) according to Union legislation.

(***) An 'ex' before a code implies that chemicals other than those referred to in the column 'Chemical' may also fall under that subheading.

CAS No = Chemical Abstracts Service Registry Number.

(#) Chemical subject or partially subject to the PIC procedure.

PART 3

List of chemicals subject to the PIC procedure

(referred to in Articles 13 and 14)

(The categories shown are those referred to in the Convention)

Chemical	Relevant CAS number(s)	HS code		Category
		Pure substance (**)	Mixtures containing substance (**)	
2,4,5-T and its salts and esters	93-76-5 (#)	ex 2918.91	ex 3808.50	Pesticide
Alachlor	15972-60-8	ex 2924.25	ex 3808.93	Pesticide
Aldicarb	116-06-3	ex 2930.80	ex 3808.91	Pesticide

Aldrin (*)	309-00-2	ex 2903.82	ex 3808.50	Pesticide
Azinphos-methyl	86-50-0	ex 2933.92	ex 3808.10	Pesticide
Binapacryl	485-31-4	ex 2916.16	ex 3808.50	Pesticide
Captafol	2425-06-1	ex 2930.80	ex 3808.50	Pesticide
Carbofuran	1563-66-2	ex 2932.99	ex 3808.91 ex 3808.59	Pesticide
Chlordane (*)	57-74-9	ex 2903.82	ex 3808.50	Pesticide
Chlordimeform	6164-98-3	ex 2925.21	ex 3808.50	Pesticide
Chlorobenzilate	510-15-6	ex 2918.18	ex 3808.50	Pesticide
DDT (*)	50-29-3	ex 2903.92	ex 3808.50	Pesticide
Dieldrin (*)	60-57-1	ex 2910.40	ex 3808.50	Pesticide
Dinitro-ortho-cresol (DNOC) and its salts (such as ammonium salt, potassium salt and sodium salt)	534-52-1 2980-64-5 5787-96-2 2312-76-7	ex 2908.92	ex 3808.91 ex 3808.92 ex 3808.93	Pesticide
Dinoseb and its salts and esters	88-85-7 (#)	ex 2908.91	ex 3808.50	Pesticide
1,2-Dibromoethane (EDB)	106-93-4	ex 2903.31	ex 3808.50	Pesticide
Endosulfan (*)	115-29-7	ex 2920.30	ex 3808.91	Pesticide
Ethylene dichloride (1,2-dichloroethane)	107-06-2	ex 2903.15	ex 3808.50	Pesticide
Ethylene oxide	75-21-8	ex 2910.10	ex 3808.50 ex 3824.81	Pesticide
Fluoroacetamide	640-19-7	ex 2924.12	ex 3808.50	Pesticide
HCH (mixed isomers) (*)	608-73-1	ex 2903.81	ex 3808.50	Pesticide
Heptachlor (*)	76-44-8	ex 2903.82	ex 3808.50	Pesticide
Hexabromocyclododecane (*)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8 and others	ex 2903.89		Industrial
Hexachlorobenzene (*)	118-74-1	ex 2903.92	ex 3808.50	Pesticide
Lindane (*)	58-89-9	ex 2903.81	ex 3808.50	Pesticide
Mercury compounds, including	10112-91-1	ex 2852.10	ex 3808.50	Pesticide

inorganic mercury compounds, alkyl mercury compounds and alkyloxyalkyl and aryl mercury compounds	21908-53-2 and others See also: www.pic.int/			
Methamidophos	10265-92-6	ex 2930.80	ex 3808.59	Pesticide
Monocrotophos	6923-22-4	ex 2924.12	ex 3808.50	Pesticide
Commercial octabromodiphenyl ether, including — hexabromodiphenyl ether (*) — heptabromodiphenyl ether (*)	36483-60-0 68928-80-3	ex 3824.88 ex 2909.30	ex 3824.90	Industrial
Parathion	56-38-2	ex 2920.11	ex 3808.50	Pesticide
Commercial pentabromodiphenyl ether, including — tetrabromodiphenyl ether (*) — pentabromodiphenyl ether (*)	40088-47-9 32534-81-9	ex 2909.30	ex 3824.90	Industrial
Pentachlorophenol and its salts and esters (*)	87-86-5 (#)	ex 2908.11	ex 3808.50 ex 3808.91 ex 3808.92 ex 3808.93 ex 3808.94 ex 3808.99	Pesticide
Perfluorooctane sulfonic acid, Perfluorooctane sulfonates, Perfluorooctane sulfonamides, Perfluorooctane sulfonyls (*)	1763-23-1 2795-39-3 29457-72-5 29081-56-9 70225-14-8 56773-42-3 251099-16-8 4151-50-2 31506-32-8 1691-99-2 24448-09-7 307-35-7 and others	ex 2904.31 ex 2904.34 ex 2904.33 ex 2904.32 ex 2922.16 ex 2923.30 ex 2923.40 ex 2935.20 ex 2935.10 ex 2935.30 ex 2935.40 ex 2904.36	ex 3824.90	Industrial
Phorate	298-02-2	ex 2930.90	ex 3808.50	Pesticide
Toxaphene (*)	8001-35-2	ex 3808.59	ex 3808.50	Pesticide

Dustable powder formulations containing a combination of: Benomyl at or above 7 %, Carbofuran at or above 10 % and Thiram at or above 15 %	17804-35-2 1563-66-2 137-26-8	ex 2933.99 ex 2932.99 ex 2930.30	ex 3808.92	Severely hazardous pesticide formulation
Methyl-parathion (emulsifiable concentrates (EC) at or above 19,5 % active ingredient and dusts at or above 1,5 % active ingredient)	298-00-0	ex 2920.11	ex 3808.50	Severely hazardous pesticide formulation
Phosphamidon (soluble liquid formulations of the substance that exceed 1000 g active ingredient/l)	13171-21-6 (mixture, (E) & (Z) isomers) 23783-98-4 ((Z)-isomer) 297-99-4 ((E)-isomer)	ex 2924.12	ex 3808.50	Severely hazardous pesticide formulation
Asbestos fibres:		ex 2524.10 ex 2524.90	ex 6811.40 ex 6812.80	Industrial
Actinolite	77536-66-4	ex 2524.90	ex 6812.92	
Anthophyllite	77536-67-5	ex 2524.90	ex 6812.93	
Amosite	12172-73-5	ex 2524.90	ex 6812.99	
Crocidolite	12001-28-4	ex 2524.10	ex 6812.91	
Tremolite	77536-68-6	ex 2524.90	ex 6813.20	
Polybrominated biphenyls (PBB)				Industrial
— (hexa-) (*)	36355-01-8	ex 2903.94	ex 3824.82	
— (octa-)	27858-07-7	ex 2903.99		
— (deca-)	13654-09-6	ex 2903.99		
Polychlorinated biphenyls (PCB) (*)	1336-36-3	ex 2903.99	ex 3824.82	Industrial
Polychlorinated terphenyls (PCT)	61788-33-8	ex 2903.99	ex 3824.82	Industrial
Short-chain chlorinated paraffins (*)	85535-84-8	ex 3824.99		Industrial
Tetraethyl lead	78-00-2	ex 2931.10	ex 3811.11	Industrial
Tetramethyl lead	75-74-1	ex 2931.10	ex 3811.11	Industrial
All tributyltin compounds, including:		ex 2931.20	ex 3808.50	Pesticide

Tributyltin oxide	56-35-9	ex 2931.20	ex 3808.59	Industrial
Tributyltin fluoride	1983-10-4	ex 2931.20	ex 3808.92	
Tributyltin methacrylate	2155-70-6	ex 2931.20		
Tributyltin benzoate	4342-36-3	ex 2931.20		
Tributyltin chloride	1461-22-9	ex 2931.20		
Tributyltin linoleate	24124-25-2	ex 2931.20		
Tributyltin naphthenate	85409-17-2	ex 2931.20		
Trichlorfon	52-68-6	ex 2931.39	ex 3808.91	Pesticide
Tris (2,3-dibromopropyl) phosphate	126-72-7	ex 2919.10	ex 3824.83	Industrial

(*) These substances are subject to an export ban in accordance with Article 15(2) of and Annex V to this Regulation.

(**) An 'ex' before a code implies that chemicals other than those referred to in the column 'Chemical' may also fall under that subheading.

(#) Only the CAS numbers of parent compounds are listed.'

ANNEX II

'ANNEX V

Chemicals and articles subject to export ban

(referred to in Article 15)

PART 1

Persistent organic pollutants as listed in Annexes A and B to the Stockholm Convention on Persistent Organic Pollutants¹ according to the provisions thereof.

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
	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 CN code 2920 30 00
	Endrin	EC No 200-775-7 CAS No 72-20-8

¹ OJ L 209, 31.7.2006, p. 3.

		CN code ex 2910 50 00
	Heptabromodiphenyl ether $C_{12}H_3Br_7O$	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
	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
	Hexabromodiphenyl ether $C_{12}H_4Br_6O$	EC No 253-058-6 CAS No 36483-60-0 and others CN code ex 2909 30 38
	Hexachlorobenzene	EC No 200-273-9 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
	Mirex	EC No 219-196-6 CAS No 2385-85-5 CN code ex 2903 83 00
	Pentabromodiphenyl ether $C_{12}H_5Br_5O$	EC No 251-084-2 and others CAS No 32534-81-9 and others CN code ex 2909 30 31
	Pentachlorobenzene	EC No 210-172-5 CAS No 608-93-5 CN code ex 2903 93 00

	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 only applies to fire-fighting foam that contains or may contain PFOA, its salts and PFOA-related compounds.	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds	EC No 206-397-9 and others CAS No 335-67-1 and others CN codes ex 2915 90 70 and others
The export ban does not apply when PFOS, its salts and perfluorooctane sulfonyl fluoride is used as a mist suppressant for non-decorative hard chromium (VI) plating in closed loop systems.	Perfluorooctane sulfonic acid (PFOS), its salts and perfluorooctane sulfonyl fluoride	EC No 217-179-8, 220-527-1, 274-460-8, 260-375-3, 223-980-3, 260-837-4, 268-357-7 and others CAS No 1763-23-1, 2795-39-3, 70225-14-8, 56773-42-3, 4151-50-2, 57589-85-2, 68081-83-4 and others CN codes ex 2904 90 95, ex 2922 12 00, ex 2923 90 00, ex 2935 00 90, ex 2924 29 98, ex 3824 90 97 and others
	Polychlorinated biphenyls (PCBs)	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
	Short-chain chlorinated paraffins	EC No 287-476-5 CAS No 85535-84-8 CN code ex 3824 99 92
	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
The export ban only applies to articles where the sum of the concentration of tetra-, penta-, hexa-, hepta- and decabromodiphenyl ether is 500 mg/kg or more. By way of derogation from the first paragraph, articles where the concentration is 500 mg/kg or more, due to a higher concentration of decabromodiphenyl ether, are exempted from the export ban, provided that the presence of	Tetrabromodiphenyl ether Pentabromodiphenyl ether Hexabromodiphenyl ether Heptabromodiphenyl ether	EC No 254-787-2 and others CAS No 40088-47-9 and others CN code ex 2909 30 38 EC No 251-084-2 and others CAS No 32534-81-9 and others CN code ex 2909 30 31 EC No 253-058-6 and others CAS No 36483-60-0 and others CN code ex 2909 30 38 EC No 273-031-2 and others

decabromodiphenyl ether is in compliance with Regulation (EU) 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants (OJ L 169, 25.06.2019, p. 45).	Decabromodiphenyl ether	CAS No 68928-80-3 and others CN code ex 2909 30 38 EC No 214-604-9 and others CAS No 1163-19-5 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

PART 2

Chemicals other than persistent organic pollutants as listed in Annexes A and B to the Stockholm Convention on Persistent Organic Pollutants according to the provisions thereof.

No	Description of chemicals/article(s) subject to export ban (*)	Additional details, where relevant (e.g. name of chemical, EC No, CAS No, etc.)
1	Cosmetic soaps containing mercury.	CN codes ex 3401 11 00, ex 3401 19 00, ex 3401 20 10, ex 3401 20 90, ex 3401 30 00
2	Metallic mercury and mixtures of metallic mercury with other substances, including alloys of mercury, with a mercury concentration of at least 95 % by weight.	CAS No 7439-97-6 EC No 231-106-7 CN code ex 2805 40
3	The following mercury compounds except where they are exported for laboratory-scale research or laboratory analysis: — Cinnabar ore; — Mercury (I) chloride (Cl ₂ Hg ₂); — Mercury (II) oxide (HgO); — Mercury sulphide (HgS); — Mercury (II) sulphate (HgSO ₄); — Mercury (II) nitrate (Hg(NO ₃) ₂).	CAS No 10112-91-1, 21908-53-2, 1344-48-5, 7783-35-9, 10045-94-0 EC No 233-307-5, 244-654-7, 215-696-3, 231-992-5, 233-152-3 CN codes ex 2852 10 00, ex 2617 90 00
4	All mixtures of metallic mercury with other substances, including alloys of mercury, not covered by entry 2 and all mercury compounds not covered by entry 3, if the export of that mixture or compound is for the purpose of reclaiming metallic mercury.	Including: Mercury(I) sulphate (Hg ₂ SO ₄ , CAS No 7783-36-0), mercury(II) thiocyanate (Hg(SCN) ₂ , CAS No 592-85-8), mercury(I) iodide (Hg ₂ I ₂ , CAS No 15385-57-6) CN codes ex 2852 10 00
5	Compact fluorescent lamps (CFLs) for general lighting purposes: (a) CFL.i ≤ 30 watts with a mercury content exceeding 2,5 mg per lamp burner;	

	(b) CFL.ni \leq 30 watts with a mercury content exceeding 3,5 mg per lamp burner.	
6	The following linear fluorescent lamps for general lighting purposes: (a) Triband phosphor $<$ 60 watts with a mercury content exceeding 5 mg per lamp; (b) Halophosphate phosphor \leq 40 watts with a mercury content exceeding 10 mg per lamp.	
7	High pressure mercury vapour lamps for general lighting purposes.	
8	The following mercury-added cold cathode fluorescent lamps and external electrode fluorescent lamps for electronic displays: (a) short length (\leq 500 mm) with mercury content exceeding 3,5 mg per lamp; (b) medium length ($>$ 500 mm and \leq 1 500 mm) with mercury content exceeding 5 mg per lamp; (c) long length ($>$ 1 500 mm) with mercury content exceeding 13 mg per lamp.	
9	Batteries or accumulators that contain more than 0,0005 % of mercury by weight.	
10	Switches and relays, except very high accuracy capacitance and loss measurement bridges and high frequency radio frequency switches and relays in monitoring and control instruments with a maximum mercury content of 20 mg per bridge, switch or relay.	
11	Cosmetics with mercury and mercury compounds, except those special cases included in entries 16 and 17 of Annex V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products (OJ L 342, 22.12.2009, p. 59).	
12	Pesticides, biocides and topical antiseptics that contain mercury or a mercury compound that was intentionally added.	
13	The following non-electronic measuring devices that contain mercury or a mercury compound that was intentionally added: (a) barometers; (b) hygrometers; (c) manometers; (d) thermometers and other non-electrical thermometric applications; (e) sphygmomanometers; (f) strain gauges to be used with plethysmographs; (g) mercury pycnometers; (h) mercury metering devices for determination of the	

	<p>softening point.</p> <p>This entry does not cover the following measuring devices:</p> <ul style="list-style-type: none"> — non-electronic measuring devices installed in large-scale equipment or used for high precision measurement where no suitable mercury-free alternative is available; — measuring devices more than 50 years old on 3 October 2007; — measuring devices which are to be displayed in public exhibitions for cultural and historical purposes. 	
--	---	--

(*) The export ban shall not apply to any of the following mercury-added products:

- (a) products that are essential for civil protection and military uses;
- (b) products for research, for calibration of instrumentation, or for use as a reference standard;
- (c) switches and relays, cold cathode fluorescent lamps and external electrode fluorescent lamps (CCFLs and EEFLs) for electronic displays and measuring devices, when they are used to replace a component of larger equipment and provided that no feasible mercury-free alternative for that component is available, in accordance with Directive 2000/53/EC of the European Parliament and of the Council of 18 September 2000 on end-of live vehicles (OJ L 269, 21.10.2000, p. 34) and Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (OJ L 174, 1.7.2011, p. 88).'