



ANNEX: LIST OF PROHIBITED CHEMICALS UNDER RSB PRINCIPLE 11

December 2016 Update

Criterion 11d. None of the chemicals recorded in the WHO's 1a and 1b lists shall be used. The use of chemicals recorded in Annex III of the Rotterdam Convention, in the Stockholm Convention on Persistent Organic Pollutants (POPs) and the Montreal Protocol on Substances that Deplete the Ozone Layer shall be listed (type and annual volume used) and a plan to phase out any such chemical over the three years following certification shall be described in the ESMP.

Note: This list is informative only. In the case of any contradictions or inconsistencies between this list and the reference documents (as stated in Criterion 11d) the reference documents prevail

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NAME	CAS number	Rotterdam Convention Annex III	Stockholm convention on POP	WHO 1a (extremely hazardous)	WHO 1b (highly hazardous)	Montreal Protocol
1,1,1-Trichloroethane	(71-55-6)					X
2,4,5-T and its salts and esters	(93-76-5)*	X				
3-chloro-1,2-propanediol	(96-24-2)				X	
Acrolein	(107-02-8)				X	
Actinolite asbestos	(77536-66-4)	X				
Aldicarb	(116-06-3)			X		
Alachlor	(15972-60-8)	X				
Aldicarb	(116-06-3)	X				
Aldrin	(309-00-2)	X	X			
Allyl alcohol	(107-18-6)				X	
Alpha hexachlorocyclohexane	(319-84-6)		X			
Amosite asbestos	(12172-73-5)	X				
Anthophyllite	(77536-67-5; 77536-67-5)	X				
Azinphos- ethyl	(2642-71-9)				X	

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Azinphos-methyl	(86-50-0)	X			X	
Beta hexachlorocyclohexane	(319-85-7)		X			
Binapacryl	(485-31-4)	X				
Blasticidin-S	(2079-00-7)				X	
Bradifacoum	(56703-10-0)			X		
Bromadiolone	(28772-56-7)			X		
Bromethalin	(63333-35-7)			X		
Bromochloromethane	(74-97-5)					X
Butocarboxim	(34681-10-2)				X	
Butoxycarboxim	(34681-23-7)				X	
Cadusafos	(95465-99-9)				X	
Calcium arsenate	(7778-44-1)				X	
Calcium cyanide	(592-01-8)			X		
Captafol	(2425-06-1)	X		X		

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Carbon tetrachloride	(56-23-5)					X
Carbuforan [ISO}	(1563-66-2)				X	
CFCs						X
Chlordane	(57-74-9)	X	X			
Chlordecone	(143-50-0)		X			
Chlordimeform	(6164-98-3)	X				
Chlorethoxyfos	(54593-83-8)			X		
Chlorfenvinphos	(470-90-6)				X	
Chlormephos	(24934-91-6)			X		
Chlorobenzilate	(510-15-6)	X				
Chlorophacinone	(3691-35-8)			X		
ether (including tetrabromodiphenyl & pentabromodiphenyl ether)	(32534-81-9, 40088-47-9)	X				
Coumaphos	(56-72-5)				X	
Coumatetralyl	(5836-29-3)				X	
Crocidolite	(12001-28-4)	X				
Cyfluthrin	(68359-37-5)				X	
Beta-cyfluthrin	(68359-37-5)				X	

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DDT	(50-29-3)	X	X			
Demeton-S-methyl	(919-86-8)				X	
Dichlorvos	(62-73-7)				X	
Dicrotophos	(141-66-2)				X	
Dieldrin	(60-57-1)	X	X			
Difenacoum	(56073-07-5)			X		
Difethialone	(104653-34-1)			X		
Dinitro-ortho-cresol (DNOC) and its salts (such as ammonium, potassium and sodium salts)	(534-52-1)	X				
Dinoseb and its salts and esters	(88-85-7)*	X				
Dinoterb	(1420-07-1)				X	
Diphacinone	(82-66-6)			X		
Disulfoton	(298-04-4)			X		
DNOC	(534-52-1)				X	
containing a combination of benomyl	66-2, 17804-35-	X				
EDB (1,2-dibromoethane)	(106-93-4)	X				
Edifenphos	(17109-49-8)				X	

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Endosulfan	(115-29-7)	X				
Technical endosulfan & related isomers	(959-98-8; 33213-65-9)		X			
Endrin*	(72-20-8)		X			
EPN	(2104-64-5)			X		
Ethiofencarb	(29973-13-5)				X	
Ethoprophos	(13194-49-4)			X		
Ethylene dichloride	(107-06-2)	X				
Ethylene oxide	(75-21-8)	X				
Famphur	(52-85-7)				X	
Fenamiphos	(22224-92-6)				X	
Flocoumafen	(90035-08-8)			X		
Flucythrinate	(70124-77-5)				X	
Fluoroacetamide	(640-19-7)	X			X	
Fonofos	(944-22-9)			X		
Formetanate	(22259-30-9)				X	
Fully halogenated CFCs						X
Furathiocarb	(65907-30-9)				X	
Halons						X
HCH (mixed isomers)	(608-73-1)	X				
Heptachlor	(76-44-8)	X	X			

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Heptabromodiphenyl ether	(446255-22-7; 207122-16-5)		X			
Heptenophos	(23560-59-0)				X	
Hexabromobiphenyl	(36355-01-8)		X			
Hexabromocyclododecane (HBCD)	(25637-99-4, 3194-55-6)		X			
Hexabromodiphenyl ether	(68631-49-2; 207122-15-4)		X			
Hexachlorobenzene (HCB)	(118-74-1)	X	X	X		
Hexachlorobutadiene	(87-68-3)		X			
Alpha Hexachlorocyclohexane	(319-84-6)		X			
Beta Hexachlorocyclohexane	(319-85-7)		X			
Hydrobromofluorocarbons						X
Hydrochlorofluorocarbons						X
Isazofos	(42509-80-8)				X	
Isofenphos	(25311-71-1)				X	
Isoxathion	(18854-04-8)				X	

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Lead arsenate	(7784-40-9)				X	
Lindane (gamma-HCH)	(58-89-9)	X	X			
Mecarbam	(2595-54-2)				X	
Mercuric chloride	(7487-94-7)			X		
inorganic mercury compounds, alkyl mercury compounds and	CAS numbers	X		X		
Mercuric oxide	21908-53-2				X	
Methamidophos (Soluble liquid formulations of the substance that exceed 600 g active ingredient/l)	(10265-92-6)	X			X	
Methidathion	(950-37-8)				X	
Methiocarb	(2032-65-7)				X	
Methomyl	(16752-77-5)				X	
Methyl bromide	(74-83-9)					X
Methyl-parathion (emulsifiable concentrates (EC) at or above 19.5% active ingredient and dusts at or above 1.5% active ingredient)	(298-00-0)	X		X		

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Mevinphos	(26718-65-0)			X		
Mirex*	(2385-85-5)		X			
Monocrotophos	(6923-22-4)	X			X	
Nicotine	(54-11-5)				X	
Commercial octabromodiphenyl ether (including Hexabromodiphenyl ether and Heptabromodiphenyl ether)	(36483-60-0; 68928-80-3)	X				
Omethoate	(1113-02-6)				X	
Oxamyl	(23135-22-0)				X	
Oxydemeton-methyl	(301-12-2)				X	
Parathion	(58-38-2)	X		X		
Paris green	(12002-03-8)				X	
Pentabromodiphenyl ether	(32534-81-9)		X			

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Commercial pentabromodiphenyl ether (including tetrabromodiphenyl ether and pentabromodiphenyl ether)	(32534-81-9, 40088-47-9)	X				
Pentachlorobenzene	(608-93-5)		X			
Pentachlorophenol and its salts and esters	52-2, 27735-64-4; 3772-94-9; 1825-21-4)		X		X	
Perfluorooctane sulfonic acid, perfluorooctane sulfonates, perfluorooctane sulfonamides and perfluorooctane sulfonyls	(1691-99-2, 1763-23-1, 24448-09-7, 251099-16-8, 2795-39-3, 29081-56-9, 29457-72-5, 307-35-7,	X	X			
Perfluorooctane sulfonyl fluoride	(307-35-7)		X			
Phenylmercury acetate	(62-38-4)			X		
Phorate	(298-02-2)			X		

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Phosphamidon (Soluble liquid formulations of the substance that exceed 1000 g active ingredient/l)	(13171-21-6)	X		X		
Pindone	(83-26-1)				X	
Pirimiphos-ethyl	(23505-41-1)				X	
Polybrominated biphenyls (PBBs)	(13654-09-6, 278	X	X			
Polychlorinated biphenyls (PCBs)	(1336-36-3)	X	X			
Polychlorinated dibenzo-p-dioxins (PCDD)	CAS numbers		X			
Polychlorinated dibenzofurans (PCDF)	CAS numbers		X			
Polychlorinated naphthalenes	(70776-03-3)		X			
Polychlorinated terphenyls (PCTs)	(61788-33-8)	X				
Propaphos	(7292-16-2)				X	
Propetamphos	(31218-83-4)				X	

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Sodium arsenite	(7784-46-5)				X	
Sodium cyanide	(143-33-9)				X	
Sodium fluoroacetate	(62-74-8)			X		
Strychnine	(57-24-9)				X	
Sulfotep	(3689-24-5)			X		
Tebupirimfos	(96182-53-5)			X		
Technical endosulfan and its related isomers	(959-98-8; 33213-65-9)		X			
Tefluthrin	(79538-32-2)				X	
Terbufos	(13071-79-9)			X		
Tetrabromodiphenyl ether and pentabromodiphenyl ether (commercial pentabromodiphenyl ether)	(5436-43-1; 60348-60-9)		X			
Tetraethyl lead	(78-00-2)	X				
Tetramethyl lead	(75-74-1)	X				
Thallium sulfate	(7446-18-6)				X	

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Thiofanox	(39196-18-4)				X	
Thiometon	(640-15-3)				X	
Toxaphene (Camphechlor)	(8001-35-2)	X	X			
Tremolite	(77536-68-6)	X				
Triazophos	(24017-47-8)				X	
Tributyl tin Compounds	(688-73-3)	X				
Tris (2,3-dibromopropyl) phosphate	(126-72-7)	X				
Vamidotion	(2275-23-2)				X	
Warfarin	(81-81-2)				X	
Zeta-cypermethrin	(52315-07-8)				X	
Zinc phosphide	(1314-84-7)				X	

*Only the CAS numbers of the parent compounds are listed. For a list of other relevant CAS numbers, reference may be made to the relevant Decision Guidance Document