

Prohibited Products

Item	Group	Chemical Substance	CAS	Reference of Use	Legal basis	Requirement
1	Organochlorine	Dichlorodiphenyltrichloroethane (DDT)	50-29-3 (DDT) 72-54-8 (DDD) 72-55-9 (DDE)	Pesticide for use in agriculture for insect control, especially in cotton, apple, peanut and soy Malaria, typhus and other insect-borne diseases vector control Control of forest pests Health agent for moth eradication and control of head lice	Stockholm Convention Rotterdam Convention	HSE
		Aldrin	309-00-2	Pesticide for use in agriculture for insect control, especially in cotton and corn	Stockholm Convention Rotterdam Convention	HSE
		Dieldrin	60-57-1	Pesticide for use in agriculture for insect control, especially in cotton and corn		HSE
		Chlordane	57-74-9	Pesticide for use in agriculture to control insects in a wide range of crops, such as vegetables, cotton, corn, fruit, sugarcane and vegetables Termite control, applying directly in the soil	Stockholm Convention Rotterdam Convention	HSE
		Heptachlor	76-44-8	Biocide used in soil treatment for seeds, beans and sorghum Insecticide Wood preservative	Stockholm Convention Rotterdam Convention	HSE
		Toxaphene	8001-35-2	Pesticide for use in agriculture for insect control, especially in cotton, cereals, grains and oilseeds Control mites and ticks in cattle	Stockholm Convention Rotterdam Convention	HSE
		Hexachlorobenzene	118-74-1	Pesticide for use in agriculture to control fungi, particularly in protecting onion seeds, sorghum and wheat Wood preservative Industrial application as solvent and additive in the manufacture of rubber, PVC and coloring	Stockholm Convention Rotterdam Convention	HSE

PGS-003038, Rev.: 01-03/31/2016

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1	Organochlorine	Hexachlorobenzene (BHC)	319-84-6 319-85-7	Pesticide for use in agriculture to control insects, especially in crops of fruit and vegetables Pharmaceutical application Combating malaria and Chagas disease	Stockholm Convention Rotterdam Convention	HSE
		Lindane (BHC isomer)	58-89-9	Pesticide for application on agricultural activity for the control of mites and lice, especially in cutting cattle ranches and cotton crops Wood preservative	Stockholm Convention Rotterdam Convention	HSE
		Polychlorinated Biphenyls (PCB)	1336-36-3	Industrial use in transformers, capacitors, hydraulic fluids and plasticizers resins Termiticide used as a stabilizer in various plastics formulations and special rubbers, particularly PVC and chlorinated rubber	Stockholm Convention Rotterdam Convention	HSE
		Pentachlorophenol and its salts and esters	87-86-5	Biocide with broad spectrum of activity (insecticide, fungicide, bactericide and molluscicide) Wood preservative Disinfectant	Stockholm Convention Rotterdam Convention	HSE
		Endosulfan	115-29-7	Pesticide used in agriculture to control mites, lice and insects in crops of fruits and legumes and breeding for commercial purposes	Rotterdam Convention	HSE
		1.2 – Dichloroethane	107-06-2	Industrial application as an intermediate for synthesis of other chemicals such as vinyl chloride, which is used to produce polyvinyl chloride (PVC) and other building materials Solvent extractor in synthesis of other chlorinated solvents Additive in leaded gas, being used in lead removal Constituent of products intended for cleaning fabrics, metal fat removal, breaking oils, fats, waxes, resins and rubber Component of certain cleaning solutions for adhesion, painting, varnish, paint removal Pesticide with broad performance spectrum	Rotterdam Convention	HSE

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1	Organochlorine	C ₂ H ₃ Cl ₃ – 1,1,1-trichloroethane	71-55-6	Industrial use for cooling (cooling gases) Industrial application for the production of organic solvents, fire extinguishers and foam, insulating (extruded polystyrene) Aerosol package (sprays)	Montreal Protocol of 1989	Environment
2	Auxin	2,4,5 – Trichlorophenoxyacetic acid and its ester salts	93-76-5	Powerful pesticide with broad performance spectrum	Rotterdam Convention	HSE
3	Ariloxialcanoic acid and pyridinecarboxylic acid	Dinoterb	1420-07-1	Systemic action selective herbicide to control dicotyledonous	1907/2006/CE	HSE
4	Chloroacetanilides	Alachlor	15972-60-8	Herbicides used to control the growth of broadleaf weeds and grasses in maize crops and many other	Rotterdam Convention	HSE
5	Carbamates	Aldicarb	116-06-3	Pesticide for application on agricultural activity for the control of mites, lice, insect and nematode worms, particularly in livestock farming of beef and dairy, and cotton, soybean and oilseeds	Rotterdam Convention	HSE
6	Dinitrophenols	Binapacryl	485-31-4	Powerful pesticide with broad performance spectrum	Rotterdam Convention	HSE
		Dinitro-ortho-cresol (DNOC) and its salts (such as ammonium, potassium and sodium)	534-52-1	Efficient herbicide used in agriculture to control pests such as weeds in grain crops, citrus and hops It has side effects such as insecticidal, acaricidal and fungicidal	Rotterdam Convention	HSE
		Dinoseb and its salts and esters	88-85-7	Efficient phenolic herbicide used in agriculture for the selective control of pests such as weeds and broadleaf, in soybean, citrus fruits, nuts and vegetables Selective insecticide used in the cultivation of grapes Seed drying agent	Rotterdam Convention	HSE
		1,2 – dibromoethane (EDB)	106-93-4	Powerful pesticide with broad performance spectrum	Rotterdam Convention	HSE
7	Carboxamides	Captafol	2425-06-1	Pesticide used in agriculture fungus control in fruit and leguminous crops Used as an additive for fungicide products to control pests in woods	Rotterdam Convention	HSE

PGS-003038, Rev.: 01-03/31/2016

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8	Formamidines	Chlordimeform	6164-98-3	Pesticide used in agriculture, in control of mites, lice and insects in crops of fruits and legumes and breeding for commercial purposes Application to the pharmaceutical industry as an additive for non-injectable drug of control of parasites and in therapeutic cosmetic	Rotterdam Convention	HSE
		Chlorobenzilate	510-15-6	Pesticide used in agriculture to control mites, lice and insects in crops of fruits and legumes and breeding for commercial purposes	Rotterdam Convention	HSE
9	Ethers	Ethylene oxide	75-21-8	Pesticide with broad spectrum of activity, especially in the control of bacteria and spores, fungus and non fungal yeast Sterilization of medical-hospital materials and food Production of ethylene glycol for later production of polyester polymers	Rotterdam Convention	HSE
10	Non classified	Fluoracetamide	640-19-7	Rodenticide used to control urban pests as rats and other rodents of sanitary interests	Rotterdam Convention	HSE
11	Organophosphates	Monocrothophos	6923-22-4	Pesticide used in agriculture in control of mites and insects and weeds in crops of fruits and legumes and breeding for commercial purposes Plant growth hormonal regulator	Rotterdam Convention	HSE
		Parathion	56-38-2	Pesticide used in agriculture to control mites, insects and weeds in crops of fruits and legumes and breeding for commercial purposes Plant growth hormonal regulator	Rotterdam Convention	HSE
12	Chemical combinations	Powdered formulations containing: benomyl > 7%, carbofuran > 10%, thiram > 15%		Powerful pesticides used in agriculture to control fungus (broad spectrum of activity) and ectoparasites	Rotterdam Convention	HSE
		Phosphamidon (soluble liquid formulations of methamidophos that exceed 1,000 g active ingredient/l)	13171-21-6	Pesticide used in agriculture to control mites, insects, nematodes and weeds in crops of fruits and legumes and breeding for commercial purposes It is used directly on the soil Plant growth hormonal regulator	Rotterdam Convention	HSE
13	Organometallic	Tetraethyl lead	78-00-2	Gasoline additive to improve the octane Industrial application, especially in boiler	Rotterdam Convention	HSE
		Tetramethyl lead	75-74-1	Naval painting	Rotterdam Convention	HSE

Chemicals Management

Annex 1 - Black List



PGS-003038, Rev.: 01-03/31/2016

Item	Group	Chemical Substance	CAS	Reference of Use	Legal basis	Requirement
14	Asbestos	Crocidolite Amosite Anthophyllite Actinolite Tremolite	12001-28-4 12172-73-5 77536-67-5 77536-66-4 77536-68-6	Industrial application in the production of materials, especially those used in construction - fiber cement tiles; coating for covering of buildings and edifices; plaster and stucco; fire proof coating; thermal and acoustic insulation; plates for closing (Eternite) —, also protective clothing for firefighting; coating to the braking system and car clutches	Rotterdam Convention International Labor Organization 769/1976/UE 69/1997/UE 31/1999/UE	HSE
		Chrysotile (white asbestos)	12001-29-5 32207-32-0 12172-73-5 12001-28-4			HSE
15	Aromatic Amines	Benzidine and its salts	92-87-5	Industrial application for the production of inks, dyes and pigments Hardening agent in rubber industry Pharmaceutical application, mainly as an analytical indicator in diagnostic procedures Reactant substance in chemical laboratory for the determination of metals, in particular heavy metals	Rotterdam Convention 769/1976/UE	HSE
16	Fluorocarbons	Chlorofluorocarbons (CFCs) CFC13 (CFC-11) CF2Cl2 (CFC-12) C2F3Cl3 (CFC-113) C2F4Cl2(CFC-114) C2F5Cl (CFC-115)	75-69-4 75-71-8 76-13-1 76-14-2 76-15-3 353-59-3 598-73-2 124-73-2 75-72-9 354-56-3 76-12-0 422-78-6 3182-26-1 29255-31-0 1599-41-3 661-97-2 422-86-6	Industrial use for cooling (cooling gases) Industrial application for the production of organic solvents, fire extinguishers and foam, insulating (extruded polystyrene) Aerosol package (sprays)	Montreal Protocol of 1989	Environment

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16	Fluorocarbons	Hydrochlorofluorocarbons (HCFCs)	75-43-4	Industrial use for cooling (cooling gases) Industrial application for the production of organic solvents, fire extinguishers and foam, insulating (extruded polystyrene) Aerosol package (sprays)	Montreal Protocol of 1989	Environment
			75-45-6			
			593-70-4			
			354-14-3			
			354-21-2			
			306-83-2			
			2837-89-0			
			359-28-4			
			1649-08-7			
			75-88-7			
			1717-00-6			
			75-68-3			
			110587-14-9			
			422-26-4			
			422-49-1			
			422-52-6			
			422-54-8			
			422-56-0			
			431-87-8			
			421-94-3			
			460-89-9			
			7125-84-0			
			425-94-5			
460-92-4						
666-27-3						
460-63-9						
460-69-5						
134190-50-4						
421-41-0						
819-00-1						
460-35-5						
420-97-3						
421-02-03						
430-55-7						