	B&B Black List Restricted Materials	Document Type:	Instruction
		Document No:	PL(C1)01
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1. PURPOSE

The Barga Bayramoğlu Renewable Energy Chemical and Material Blacklist contains a list of substances and mixtures which are prohibited to use in accordance with global, regional, or local legislation/regulations. The overall purpose of the Blacklist is to ensure that B&B and B&B suppliers do not use illegal products and substances.

2. MATERIALS


Group	Substance	CAS-no.	Toxicity classification	Examples of use	Remarks ^{1/} reference
Poly-chlorinated biphenyl	PCB	1336-36-3	Xn; N	Condensator, transformer, substances in paint, sealing and plastic.	B/3/4/5
Polychlorinated triphenyl	PCT	12642-23-8			
Chlorinated compounds	Chloroform	67-66-3	Xn; Xi; Carc3	Solvent	B/3
	Tetrachloromethane	56-23-5	T; Carc3; N	Solvent	B/3/6
	1,1,1-trichloroethane	71-55-6	Xn; N	Solvent	B/3/16
	1,1,2-trichloroethane	79-00-5	Xn	Solvent	B/3
	1,1,1,2-tetrachloroethane	630-20-6		Solvent	B/3
	1,1,2,2-tetrachloroethane	79-34-5	Tx; N	Solvent	B/3
	Pentachloroethane	76-01-7	Carc3; T; N	Solvent	B/3
	1,1-dichloroethylene	75-35-4	Fx; Xn	Solvent	B/3

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	Hexachlorethan	67-72-1	Xn; N	Solvent for removal of impurities from molten metals, recovering metals from ores or smelting products, and improving the quality of various metals and alloys	B/3
	Alkanes, C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs) for processing of metals	85535-84-8	Xn; N	Processing of metals i.e. lubricants and additives	B/3
	Monomethyl-tetrachlorodiphenyl-methan	76253-60-6	N	Dielectric fluid in capacitors, transformers and hydraulic fuel.	B/3
	Monomethyl-dichloro-diphenyl methane	Unknown	N	Dielectric fluid in capacitors, transformers and hydraulic fuel.	B/3
	Monomethyl-dibromo-diphenyl Methane (DBBT)	99688-47-8	Xn; N	Dielectric fluid in capacitors, transformers and hydraulic fuel.	B/3
	Mirex	2385-85-5	Carc	Flame retardant material	B/4/5
Organic compounds	Benzene in products with concentrations above 0.1 weight percent	71-43-2	F; Carc1; Mut2; T; Xn; Xi	Ingredient in fuel, paint, solvents, lubricants	B/3
	Nonylphenol			Processing of metals and fibreglass production.	B/3
	Nonylphenol ethoxylate	25154-52-3			
	The ban does not apply to epoxy in fibreglass production	9016-45-9		Soap and lotion.	
	2,4,6-tri-tertbutylphenol	732-26-3		Additive to fuel and oil products	B/5
Ozone depleting substances I.e. CFC, Halons, HBFC, HCFC, etc.)	Trichlorofluormethane (CFC-11)	75-69-4		Coolant, freon	B/6
	Dichlorodifluormethane (CFC-12)	75-71-8		Coolant, freon	B/6
	Trichlorotrifluorethane (CFC-113)	76-13-1		Coolant, freon	B/6
	Dichlorotetrafluoroethane (CFC-114)	76-14-2		Coolant, freon	B/6

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HCFC's	Chloropentafluoroethane (CFC-115)	76-15-3		Coolant, freon	B/6
	Bromochlorodifluoromethane (halon-1211)	353-59-3		Flame retardant material	B/6
	Trifluorobromomethane (halon-1301)	75-63-8		Flame retardant material	B/6
	Dibromotetrafluoroethane (halon-2402)	124-73-2		Flame retardant material	B/6
	Hydrobromofluorocarbon (HBFC)	Several Options			B/6
	Bromochloromethane	74-97-5		Flame retardant material	B/6
	Methyl bromide	74-83-9		Flame retardant material	B/6
	Chlorodifluoromethane (HCFC-22)	75-45-6		Coolant	B/6
	Dichlorotrifluoroethane (HCFC-123)	306-83-2		Coolant	B/6
	Dichlorofluoroethane (HCFC-141)	1717-00-6	N	Coolant	B/6
	Chlorodifluoroethane (HCFC-142b)	75-68-3		Coolant	B/6
Polybrominated biphenyls	Polybrominated biphenyls (PBB)	59536-65-1		Flame retardant chemical used in plastics	B/3/5
Diphenyl ether, polybromo derivative	Diphenyl ether, Pentabromo derivative and octabromo derivative	32534-81-9 32536-52-0	Xn, N T	Fire retardant in plastics, rubber, and electrical goods.	B/3/5
Asbestos fibres	Asbestos	12001-28-4 12001-29-5 12172-73-5 132207-32-0 1332-21-4 77536-66-4 77536-67-5 77536-68-6	Carc1;T	Brakes, insulating material, cement	B/3/5

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Heavy metals	Lead – The ban does not apply to electrical equipment for the wind turbine and anti corrosive paint	Several options		Brake lining, plastic tubes, lubricant, electric and electronic components	FB/B/1
	Mercury compounds	Several options		Compounds for preventing fouling by micro-organisms, plants or animals of submerged appliances and equipment	B/3
	Arsenic compounds	Several options		Compounds for preventing fouling by micro-organisms, plants or animals of submerged appliances and equipment	B/3
	Cadmium compounds - The ban does not apply to electrical contacts in any sector of use, on account of the reliability required of the apparatus on which they are installed	Several options		Color to finished plastic products and paints	B/3
	Chrome VI in cement and cement-containing preparations in concentrations above 0.0002% of the total dry weight of the cement.	Several options		Cement and cement-containing preparations	B/3
Organostannic compounds	Organostannic compounds	Several options		Compounds for preventing fouling by micro-organisms, plants or animals of submerged appliances and equipment	B/3

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Metalline lead and chemical lead compounds	Lead – the group only contains electrical equipment for the wind turbine and anti corrosive paint	Several options		Electronic equipment, anti corrosive paint	FB/B/1
Electric and electronic components	Polybrominated biphenyl (PBB)	Several options		Flame retardant	FB/2
	Polybrominated diphenyl ether (PBDE)	Several options		Flame retardant	FB/2
	Cadmium	Several options		Several options	FB/2
	Hexavalent chromium	Several options		Several options	FB/2
Chemical compounds labelled mutagenic, carcinogenic, toxic or toxic to reproduction		Several options			

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