

APPENDIX 2 LIST OF HAZARDOUS MATERIALS TO BE LISTED IN THE INVENTORY PART I

1 General

1.1 List of hazardous materials to be listed for all ships

1.1.1 The list of hazardous materials to be listed in the Inventory Part I for all ships is defined in:

- Tab 1 for the assignment of notation **GREEN PASSPORT**
- Tab 3 for the assignment of notation **GREEN PASSPORT EU**.

1.2 List of hazardous materials to be listed for new ships and/or new installations

1.2.1 In addition of the list defined in [1.1.1], a list of hazardous materials to be listed in the Inventory Part I for new ships and/or new installations is defined in:

- Tab 2 for the assignment of notation **GREEN PASSPORT**
- Tab 4 for the assignment of notation **GREEN PASSPORT EU**.

Table 1 : All ships - Hazardous materials to be listed in the Inventory Part I (Notation GREEN PASSPORT)

Hazardous Material		Threshold value
Asbestos (1)		0,1%
Polychlorinated biphenyls (PCB)		50 mg/kg
Ozone-depleting substances (2)	CFCs	no threshold value
	Halons	
	Other fully halogenated CFCs	
	Carbon Tetrachloride	
	1,1,1-Trichloroethane (Methyl chloroform)	
	Hydrochlorofluorocarbons	
	Hydrobromofluorocarbons	
	Methyl bromide	
Bromochloromethane		
Anti-fouling systems containing organotin compounds as a biocide		2,500 mg total tin/kg
<p>(1) The IMO guidelines (Resolution MEPC.269(68)) provide the following in a footnote: "In accordance with regulation 4 of the Convention, for all ships, new installation of materials which contain asbestos shall be prohibited. According to the UN recommendation "Globally Harmonized System of Classification and Labelling of Chemicals (GHS)" adopted by the United Nations Economic and Social Council's Sub-Committee of Experts on the Globally Harmonized System of Classification and Labelling of Chemicals (UNSCGHS), the UN's Sub-Committee of Experts, in 2002 (published in 2003), carcinogenic mixtures classified as Category 1A (including asbestos mixtures) under the GHS are required to be labelled as carcinogenic if the ratio is more than 0,1%. However, if 1% is applied, this threshold value should be recorded in the Inventory and, if available, the Material Declaration and can be applied not later than five years after the entry into force of the Convention. The threshold value of 0,1% need not be retroactively applied to those Inventories and Material Declarations".</p> <p>(2) New installations containing hydrochlorofluorocarbons (HCFCs) are permitted until 1st January 2020.</p>		

Table 2 : New ships and/or new installations - additional list of hazardous materials to be listed in the Inventory Part I (Notation GREEN PASSPORT)

Hazardous Material	Threshold value
Cadmium and cadmium compounds	100 mg/kg
Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg
Lead and lead compounds	1,000 mg/kg
Mercury and mercury compounds	1,000 mg/kg
Polybrominated biphenyl (PBBs)	50 mg/kg
Polybrominated diphenyl ethers (PBDEs)	1,000 mg/kg
Polychlorinated naphthalenes (more than 3 chlorine atoms)	50 mg/kg
Radioactive substances	no threshold value
Certain shortchain chlorinated paraffins (Alkanes, C10-C13, chloro)	1%

Table 3 : All ships - Hazardous materials to be listed in the Inventory Part I (Notation GEEN PASSPORT EU)

Hazardous Material		Threshold value
Asbestos (1)		0,1%
Polychlorinated biphenyls (PCB)		50 mg/kg
Ozone-depleting substances	CFCs	no threshold value
	Halons	
	Other fully halogenated CFCs	
	Carbon Tetrachloride	
	1,1,1-Trichloroethane (Methyl chloroform)	
	Hydrochlorofluorocarbons	
	Hydrobromofluorocarbons	
	Methyl bromide	
Bromochloromethane		
Anti-fouling systems containing organotin compounds as a biocide		2,500 mg total tin/kg
Perfluorooctane sulfonic acid (PFOS) and its derivatives		<ul style="list-style-type: none"> • Concentrations of PFOS above 10 mg/kg (0.001% by weight) when it occurs in substances or in preparations, or • Concentrations of PFOS in semi-finished products or articles, or parts thereof equal to or above than 0.1% by weight calculated with reference to the mass of structurally or microstructurally distinct parts that contain PFOS, or • For textiles or other coated materials, if the amount of PFOS is equal to or above than 1 µg/m² of the coated material
<p>(1) The IMO guidelines (Resolution MEPC.269(68)) provide the following in a footnote: "In accordance with regulation 4 of the Convention, for all ships, new installation of materials which contain asbestos shall be prohibited. According to the UN recommendation "Globally Harmonized System of Classification and Labelling of Chemicals (GHS)" adopted by the United Nations Economic and Social Council's Sub-Committee of Experts on the Globally Harmonized System of Classification and Labelling of Chemicals (UNSCGHS), the UN's Sub-Committee of Experts, in 2002 (published in 2003), carcinogenic mixtures classified as Category 1A (including asbestos mixtures) under the GHS are required to be labelled as carcinogenic if the ratio is more than 0,1%. However, if 1% is applied, this threshold value should be recorded in the Inventory and, if available, the Material Declaration and can be applied not later than five years after the entry into force of the Convention. The threshold value of 0,1% need not be retroactively applied to those Inventories and Material Declarations".</p>		

Table 4 : New ships and/or new installations - additional list of hazardous materials to be listed in the Inventory Part I (Notation GEEN PASSPORT EU)

Hazardous Material	Threshold value
Hazardous Material	Threshold value
Cadmium and cadmium compounds	100 mg/kg
Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg
Lead and lead compounds	1,000 mg/kg
Mercury and mercury compounds	1,000 mg/kg
Polybrominated biphenyl (PBBs)	50 mg/kg
Polybrominated diphenyl ethers (PBDEs)	1,000 mg/kg
Polychlorinated naphthalenes (more than 3 chlorine atoms)	50 mg/kg
Radioactive substances	no threshold value
Certain shortchain chlorinated paraffins (Alkanes, C10-C13, chloro)	1%
Brominated Flame Retardant (HBCDD)	100 mg/Kg (0.01%)