

MATERIAL DECLARATION (MD)

<Date of declaration>

Date	2023/3/8
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<MD identification number>

MD ID-No.	MD_HITZ_9C9868_20230308
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<Other information>

Remark 1	IAL00125018-2022
Remark 2	IAL 001
Remark 3	H3660

<Supplier (respondent) information>

Company name	HITACHI ZOSEN CORPORATION
Division name	Diesel Engine Quality Assurance Section, Ariake Works
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SDoC ID number	SD_HITZ_ENGINE_20221011

<Product information>

Product name	Product number	Delivered unit		Product information
		Amount	Unit	
Main Deisel Engine Parts	9C9868	1	SET	

<Materials information>

This materials information shows the amount of hazardous materials contained in

1	Unit SET
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(Unit: kg, m, m², m³, piece, etc.) of the product

Table	Material name	Threshold value	Present above threshold value?		If yes, material mass		If yes, information on where it is used
			Yes / No	Mass	Unit		
Table A (materials listed in appendix 1 of the Convention)	Asbestos	Asbestos	0.1% *	No			
	Polychlorinated biphenyls (PCBs)	Polychlorinated biphenyls (PCBs)	50 mg/kg	No			
	Ozone Depleting Substance (ODS)	Chlorofluorocarbons (CFCs)	No threshold value	No			
		Halons		No			
		Other fully halogenated CFCs		No			
		Carbon tetrachloride		No			
		1, 1, 1-Trichloroethane		No			
		Hydrochlorofluorocarbons		No			
		Hydrobromofluorocarbons		No			
	Methyl bromide	No					
Bromochloromethane	No						
Anti-fouling systems containing organotin compounds as a biocide	e.g. Tributyltin (TBT)	2500 mg total tin/kg	No				
	e.g. Triphenyl tins (TPTs)		No				
	e.g. Tributyltin oxide (TBTO)		No				
EU SRR **	Perfluorooctane sulfonic acid (PFOS)***	10 mg/kg	No				

Table	Material name	Threshold value	Present above threshold value?		If yes, material mass		If yes, information on where it is used
			Yes / No	Mass	Unit		
Table B (materials listed in appendix 2 of the Convention)	Cadmium and cadmium compounds	100 mg/kg	No				
	Hexavalent chromium and hexavalent chromium compounds	1000 mg/kg	No				
	Lead and lead compounds	1000 mg/kg	No				
	Mercury and mercury compounds	1000 mg/kg	No				
	Polybrominated biphenyl (PBBs)	50 mg/kg	No				
	Polybrominated diphenyl ethers (PBDEs)	1000 mg/kg	No				
	Polychloronaphthalenes (Cl >=3)	50 mg/kg	No				
	Radioactive substances	No threshold value	No				
Certain shortchain chlorinated paraffins	1%	No					
EU SRR **	Brominated flame retardant (HBCDD)	100 mg/kg	No				

* In accordance with regulation 4 of the IMO Hong Kong 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 declarations.

** Additional materials to be listed, in accordance with Annex I and Annex II of the European Union Ship Recycling Regulation (Regulation (EU) No 1257/2013). Threshold

*** 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

[Click here](#) for a brief summary of why this form needs to be completed.