

MATERIAL DECLARATION (MD)

<Date of declaration>

Date	13/12/2022
------	------------

<MD identification number>

ID-No.	MD-121
--------	--------

<Other information>

Remark 1	BW Epic Kosan Maritime Pte. Ltd .
Remark 2	All Vessels under the Management of above entity
Remark 3	EPIC MANHATTAN

<Supplier (respondent) information>

Company name	JAPAN MARINE (S) PTE LTD
Division name	SALES
Address	77 High Street, #04-05 High Street Plaza, Singapore
Contact person	AMEED
Telephone number	65,3108-667
Fax number	
Email address	
SDoC ID number	SDoC-121-022

<Product information>

Product name	Product number	Delivered unit		Product information
		Amount	Unit	
FRICTION PULLEY FRICTION BOSS FRICTION CLUTCH (60HZ) FLAT SPRING BOWL BUSH VALVE GUIDE PILOT VALVE STEEL BALL SPRING SEAT O RING DRIVE GEAR DRIVEN GEAR BUSH SEE	200859001 200863001 385078105 43616400 436170001 317750001 450428001/128 J1016JO 436153001 A20095A 351273001 351278001 436184001	1	1	HFO PURIFIER

<Materials information>

his materials information shows the amount of hazardous materials contained in

	Unit
1	PICES

(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					
	e.g. Triphenyl tins (TPTs)		No				
	e.g. Tributyltin oxide (TBTO)						
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.

SUPPLIER'S DECLARATION OF CONFORMITY FOR MATERIAL DECLARATION MANAGEMENT

1. SDoC Identification Number SDoC-121-022

2. Issuer's Name BW Epic Kosan Maritime Pte. Ltd
 Issuer's Address JAPAN MARINE (S) PTE LTD
77 High Street, #04-05 High Street Plaza, Singapore

3. Object(s) of the Declaration 1
HFO PURIFIER

4. The object(s) of the declaration described above is in conformity with the following documents:

<u>Document No.</u>	<u>Title</u>	<u>Edition/Date of Issue</u>
<u>MEPC.269(68)</u>	<u>Guidelines for the development of the Inventory of Hazardous Materials</u>	<u>2015/05/15</u>
<u>EU SRR</u>	<u>Regulation (EU) No 1257/2013</u>	<u>2013/11/20</u>
<u>EMSA</u>	<u>Best Practice Guide on the IHM</u>	<u>2016/10/28</u>

5. Additional Information _____

6. Signed for and on behalf of
JAPAN MARINE SPARES
SINGAPORE 13-12-2022
 Place and date of Issue



7. AMEED / SENIOR EXECUTIVE
 (Name, Function)

(Signature)
