



<b>Material declaration</b>	<b>Document No</b>	<b>9008965</b>
	<b>Revision No</b>	<b>5</b>
	<b>Pages</b>	<b>1 (3)</b>

### Supplier's Material Declaration

In conformity with the Guidelines for the development of Inventory of Hazardous Materials and in compliance with IMO Resolution MEPC.269(68) adopted on 15 May 2015.

<b>Company (Product centre)</b>	Alfa Laval Tumba AB	<b>Company (Production place)</b>	Alfa Laval Aalborg A/S
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### Product information

Product Name	Product Number	Product Total Mass		Product Information
		Mass	Unit	
PureBallast 3.X: 750, 1000, 500HP, 500/1000	9005247 01/02/03/04	> 2430	Kg	Ballast Water Management System
PureBallast 3.X Ex: 750, 1000, 500HP, 500/1000	9006977 01/02/03/04/05	> 2450	Kg	Ballast Water Management System
PureBallast 3.X Compact Flex: 750, 1000	9030169 01/02	> 2180	Kg	Ballast Water Management System

### Materials information

This material information shows the amount of hazardous material contained in 

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 Unit 

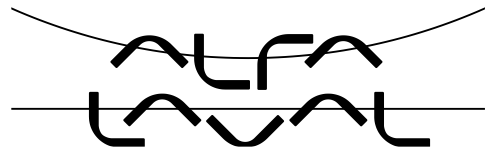
complete system
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Table	Material Name	Threshold level	Present above threshold level	If yes, Material Mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
Table A (materials Listed in Appendix 1 of the Convention)	Asbestos	0.1 %	No				
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No				
	Ozone Depleting Substances	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					
	Antifouling system containing organotin compounds as a biocide	2500 mg total tin/kg	No				

Dept:	Issued by:	Approved by:	Approve date:
<b>BALLAST</b>	<b>PER BORIN</b>	<b>JON ENGSTROM</b>	<b>2020-04-12</b>

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<b>Material declaration</b>	<b>Document No</b> <b>Revision No</b> <b>Pages</b>	<b>9008965</b> <b>5</b> <b>2 (3)</b>
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Table	Material Name	Threshold level	Present above threshold level	If yes, Material Mass		If yes, information on where it is used
			Yes/No	Mass	Unit	
Table B (Material 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			8 g, total, in UV-lamps (UV-reactor)
	Polybrominated biphenyls (PBBs)	50 mg/kg	No			
	Polybrominated diphenyl ethers (PBDEs)	1000 mg/kg	No			
	Polychlorinated naphthalenes (Cl>=3)	50 mg/kg	No			
	Radioactive substances	No threshold value	Yes	0.224	g	UV-lamps, (the Tungsten coated (W) electrode contains small amount of Thorium-232) Radioactivity = 101 Bq/lamp
	Certain shortchain chlorinated paraffines	1%	No			



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	<b>Revision No</b>	<b>5</b>
	<b>Pages</b>	<b>3 (3)</b>

**SUPPLEMENT to IMO Material Declaration**

In conformity with the EU Ship Recycling Regulation (EU) 1257/2013

**Materials information**

Unit

This material information shows the amount of hazardous material contained in 

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complete system
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Annex of EU SRR	Material Name	Threshold level	Present above threshold level	If yes, Material Mass		If yes, information on where it is used
			Yes/No	Mass	Unit	
Annex I (materials listed in Annex I of the EU SRR)	Perfluorooctane sulfonic acid (PFOS) and its derivatives	10 mg/kg (0.001% by weight)	No			
Annex II (materials listed in Annex II of the EU SRR)	Brominated Flame Retardant (HBCDD)	100 mg/kg (0.01% by weight)	No			