

MATERIAL DECLARATION

Type 1: SELF DECLARATION

<Date of declaration>

Date: 4-5-2017

<MD ID Number>

MD-ID-No.

<Other information (e.g. client, shipbuilder, hull NO if applicable)>

Remarks

<Supplier (Respondent) Information>

Company name	Victron Energy B.V.
Division name	n.a.
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SDoC ID No.	

<Product Information>

Product Name	Product Number	Product total mass		Product Information
		Mass	Unit	
DC-AC Inverter	QUA243020010	19,0	kg	Quattro 24/3000/70-50/50 230V Ve.Bus

Unit:

This material information shows the amount of hazardous materials contained in 19,0 kg

<Material Information>

Table	Material Name		Threshold level	Present above threshold level Yes or No	IF YES		IF YES Information on where it is used
					Material Mass		
				Amount	Unit		
Table A Materials listed in appendix 1 of the Convention	Asbestos	Asbestos	No threshold level	No			
	PCB's	Polychlorinated Biphenyls (PCBs)	No threshold level	No			
		Chlorofluorocarbons (CFC's)		No			
		Halons		No			
		Other fully Halogenated CFC's		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	2,500 mg total tin/kg	No				
EU**	Perfluorooctane sulfonic acid (PFOS)	No threshold level	No				

Table	Material Name		Threshold level	Present above threshold level Yes or No	IF YES		IF YES Information on where it is used
					Material Mass		
				Amount	Unit		
Table B Materials listed in appendix 2 of the Convention	Cadmium & Cadmium Compounds		100 mg/kg	No			
	Hexavalent Chromium and Hexavalent Chromium Compounds		1,000 mg/kg	No			
	Lead and Lead Compounds		1,000 mg/kg	No			
	Mercury and Mercury Compounds		1,000 mg/kg	No			
	Polybromated Biphenyl (PBB's)		50 mg/kg	No			
	Polybrominated Diphenyl Ethers (PBDE's)		1,000 mg/kg	No			
	Polychloronaphthalenes (Cl>=3)		50 mg/kg	No			
	Radioactive substances		No thr level	No			
	Certain Shortchain Chlorinated Paraffins		1%	No			
	EU**	Brominated flame retardants (HBCDD)		No threshold level	No		

* currently no asbestos is tolerable under SOLAS Reg. II-1/3-5 and Para. 13 of MSC.1/Circ.1374., this requirement is subject to future changes

** 50ppm is to be used as threshold for reporting existing PCB only. NOTE: All new materials are to be free of any PCBs!

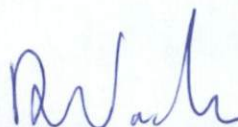
*** Additional material to be listed acc. to Annex 1 and Annex 2 of the 2013 EU Ship Recycling Regulation.

The object of declaration described above is in conformity with the IMO Guidelines for the development of Inventory of Hazardous Materials Resolution MEPC.269(68).

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4-5-2017
(Date)

(Signature and Company Stamp)



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