

MATERIAL DECLARATION

Type 1: SELF DECLARATION

<Date of declaration>

Date: 05/11/2019

<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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E-mail address	sales@victronenergy.com
SDoC ID No.	

<Product Information>

Product Name	Product Number	Delivered Unit		Product Information
		Amount	Unit	
AGM Battery	BAT412201084	65	kg	12V/220Ah AGM Deep Cycle Battery

Unit:

This material information shows the amount of hazardous materials contained in 65 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 Ozone depleting substances	Polychlorinated Biphenyls (PCBs)	No threshold level	No			
		Chlorofluorocarbons (CFC's)	No threshold level	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	No threshold level	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	Yes	42.25	kg	Battery active mass
	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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05/11/2019

(Date)

(Signature and Company Stamp)

IMPORTANT NOTICE: Any significant change in material content may render this declaration invalid.