

MATERIAL DECLARATION

Type 1: SELF DECLARATION

<Date of declaration>

Date: 06/05/2020

<MD ID Number>

MD-ID-No. MD_Phoenix Charger 12/30 (2+1)

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

Remarks

<Supplier (Respondent) Information>

Company name	Victron Energy B.V.
Division name	
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SDoC ID No.	SD_VE_All_Products

<Product Information>

Product Name	Product Number	Delivered Unit		Product Information
		Amount	Unit	
Phoenix Charger 12/30 (2+1)	PCH012030001	1	piece	Battery charger, 3.6 kg

Unit:

This material information shows the amount of hazardous materials contained in

<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	0.1%*	No				
	PCBs	Polychlorinated Biphenyls (PCBs)	50 mg/kg**	No				
	Ozone depleting substances	Chlorofluorocarbons (CFCs)	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			
Anti-fouling systems containing organotin compounds as a biocide		2,500 mg total tin/kg	No					
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 (C1>=3)		50 mg/kg	No				
Radioactive substances		No thr.level	No					
Certain Shortchain Chlorinated Paraffins		1%	No					
Annex II*** (Additional materials)	Perfluorooctane sulfonic acid (PFOS)		10 mg/kg****	No				
	Brominated Flame Retardants (HBCDD)		100 mg/kg	No				

*Please refer to footnote 18 on the "Form of Material Declaration" in the IMO Guidelines Resolution MEPC.269(68).

**Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009 (SR/CONF/45).

***Regulation EU No. 1257/2013 of the European Parliament and of the Council of 20 November 2013 on Ship Recycling and amending Regulation EC No. 1013/2006 and Directive

2009/16/EC EMSA's Best Practice Guidance on the Inventory of Hazardous Materials, dated 2016-10-28

****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 thereof equal to or above than 0.1% by weight calculated with reference to the mass of structurally or micro-structurally distinct parts that contain PFOS or for textiles or

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06/05/2020

(Date)



(Signature and Company Stamp)

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