

# MATERIAL DECLARATION

## Type 1: SELF DECLARATION

<Date of declaration>  
Date: 15-4-2016

<MD ID Number>  
MD-ID-No.

<Other information (e.g. shipbuilder, hull NO if applicable)>  
Remark 1  
Remark 2  
Remark 3

Is product already Type approved by DNV?  Yes  No

<Supplier (Respondent) Information>	
Company name	Victron Energy B.V.
Division name	n.a.
Address	De Paal 35, 1351 JG Almere-Haven, The Netherlands
Contact person	Reinout Vader
Telephone no	+31 36 535 97 00
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E-mail address	<a href="mailto:sales@victronenergy.com">sales@victronenergy.com</a>
SDoC ID no	

<Product Information>				
Product Name	Product Number	Product Total Mass		Product Information
		Mass	Unit	
AGM Battery	BAT412101080	32	kg	12V/110Ah AGM Deep Cycle Battery

This material information shows the amount of hazardous materials contained in 

32	kg
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 Unit:

<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		
					Mass	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			
	Ozone depleting substances	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 biocid		2,500 mg total tin/kg					

Table	Material Name		Threshold level	Present above threshold level Yes or No	IF YES		IF YES Information on where it is used
					Material Mass		
					Mass	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	20,8	kg	Battery active mass
	Mercury and Mercury Compounds		1,000 mg/kg	No			
	Polybromated Biphenyl (PBB's)		1,000 mg/kg	No			
	Polybrominated Diphenyl Ethers (PBDE's)		1,000 mg/kg	No			
	Polychloronaphthalenes (Cl>=3)		No thr.level	No			
	Radioactive substances		No thr.level	No			
Certain Shortchain Chlorinated Paraffins		1%	No				

The object of declaration described above is in conformity with the Guidelines for the development of Inventory of Hazardous Materials Resolution MEPC.197(62) Adopted on 15 July 2011

Signed for on behalf of: Victron Energy B.V.  
Date of issue: 15-4-2016  
Place of issue: Almere-Haven  
Full name: Reinout Vader  
Position: VP  
Signature and Company Stamp

**Victron Energy B.V.**  
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