

## MATERIAL DECLARATION (MD)

<Date of declaration>

Date	18/JAN/2023
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<MD identification number>

ID-No.	20230118-2
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<Other information>

Remark 1	
Remark 2	
Remark 3	

<Supplier (respondent) information>

Company name	AK NETWORKS
Division name	TECHNICAL DEPARTMENT
Address	359, Howon-ro, Naeseo-eup, Masanhoewon-gu, Changwon-si Gyeongsangnam-do, Korea
Contact person	LIAM
Telephone number	+82 70 8018 7318
Fax number	+82 504 318 2876
Email address	liam@aknetworks.co.kr
SDoC ID number	20230118-2

<Product information>

Product name	Product number	Delivered unit		Product information
		Amount	Unit	
* Charging & Discharging Panel		\$ 156.32	2 PCE	
* Emergency Generator starting Battery		\$ 156.32	2 PCE	
* GMDSS		\$ 156.32	2 PCE	
* Life boat starting battery		\$ 80.68	4 PCE	

<Materials information>

This materials information shows the amount of hazardous materials contained in 

1	Unit
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 (Unit: kg, m, m<sup>2</sup>, m<sup>3</sup>, piece, etc.) of the product

Table	Material name		Threshold value	Present above threshold value?	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	Asbestos	0.1% *				
	Polychlorinated biphenyls (PCBs)	Polychlorinated biphenyls (PCBs)	50 mg/kg				
	Ozone Depleting Substance (ODS)	Chlorofluorocarbons (CFCs)	No threshold value				
		Halons					
		Other fully halogenated CFCs					
		Carbon tetrachloride					
		1, 1, 1-Trichloroethane					
		Hydrochlorofluorocarbons					
		Hydrobromofluorocarbons					
		Methyl bromide					
	Bromochloromethane						
Anti-fouling systems containing organotin	e.g. Tributyltin (TBT)	2500 mg total tin/kg					
	e.g. Triphenyl tins						

	compounds as a biocide	(TPTs)				
		e.g. Tributyltin oxide (TBTO)				
EU SRR **	Perfluorooctane sulfonic acid (PFOS)		10 mg/kg			

Table	Material name	Threshold value	Present above threshold value?	If yes, material mass		If yes, information on where it is used
			Yes / No	Mass	Unit	
Table B (materials listed in appendix 2 of the Convention)	Cadmium and cadmium compounds	100 mg/kg				
	Hexavalent chromium and hexavalent chromium compounds	1000 mg/kg				
	Lead and lead compounds	1000 mg/kg				
	Mercury and mercury compounds	1000 mg/kg				
	Polybrominated biphenyl (PBBs)	50 mg/kg				
	Polybrominated diphenyl ethers (PBDEs)	1000 mg/kg				
	Polychloronaphthalenes (Cl >=3)	50 mg/kg				
	Radioactive substances	No threshold value				
	Certain shortchain chlorinated paraffins	1%				
EU SRR **	Brominated flame retardant (HBCDD)	100 mg/kg				

\* In accordance with regulation 4 of the IMO Hong Kong Convention, for all ships, new installation of materials which contain asbestos shall be prohibited. According to the UN recommendation "Globally Harmonized System of Classification and Labelling of Chemicals (GHS)" adopted by the United Nations Economic and Social Council's Sub-Committee of Experts on the Globally Harmonized System of Classification and Labelling of Chemicals (UNSCGHS), the UN's Sub Committee of Experts, in 2002 (published in 2003), carcinogenic mixtures classified as Category 1A (including asbestos mixtures) under the GHS are required to be labelled as carcinogenic if the ratio is more than 0.1%. However, if 1% is applied, this threshold value should be recorded in the Inventory and, if available, the Material Declaration and can be applied not later than five years after the entry into force of the Convention. The threshold value of 0.1% need not be retroactively applied to those Inventories and declarations.

\*\* Additional materials to be listed, in accordance with Annex I and Annex II of the European Union Ship Recycling Regulation (Regulation (EU) No 1257/2013

# SUPPLIER'S DECLARATION OF CONFORMITY FOR MATERIAL DECLARATION MANAGEMENT

1. SDoC Identification Number 20230118-2
2. Issuer's Name AK NETWORKS
- Issuer's Address 359, Howon-ro, Naeseo-eup, Masanhoewon-gu, Changwon-si  
Gyeongsangnam-do, Korea
3. Object(s) of the Declaration No hazmat is declared on Mentioned product

4. The object(s) of the declaration described above is in conformity with the following documents:

<u>Document No.</u>	<u>Title</u>	<u>Edition/Date of Issue</u>
<u>MEPC.269(68)</u>	<u>Guidelines for the development of the Inventory of Hazardous Materials</u>	<u>2015/05/15</u>
<u>EU SRR</u>	<u>Regulation (EU) No 1257/2013</u>	<u>2013/11/20</u>
<u>EMSA</u>	<u>Best Practice Guide on the IHM</u>	<u>2016/10/28</u>

5. Additional Information \_\_\_\_\_

6. Signed for and on behalf of

AK NETWORKS

18/JAN/2023

Place and date of Issue

**385-27-00816**

**359-1, Howon-ro, Naeseo-eup, Masanhoewon-gu,  
Changwon-si, Gyeongsangnam-do, Korea  
AN KYOUNG MIN / PRESIDENT  
AKNETWORKS**



7. Liam AN / Technical manager

(Name, Function)

(Signature)