**SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product name	Water, de-ionized
Manufacturer's name/ address	Associated Battery Manufacturers (EA) Ltd P.O. Box 48917 -00100, Kampala Road, Nairobi - Kenya Tel: +254-020-6531218 E-mail: batman@abm.co.ke Fax wireless: +254-020-2473316 Contact personnel: Technical Manager
Synonym	Dihydrogen oxide
Chemical name	Water
Chemical formula	H ₂ O

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Composition	
Name	% By weight
Water	100

Toxicological data on ingredients: Not applicable

SECTION 3 - HAZARD IDENTIFICATION

<p>Potential Acute Health Effects: Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin. Non-irritating to the eyes. Non-hazardous in case of ingestion. Non-hazardous in case of inhalation. Non-irritant for lungs. Non-sensitizer for lungs. Non-corrosive to the eyes. Non-corrosive for lungs.</p> <p>Potential Chronic Health Effects: Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin. Non-irritating to the eyes. Non-hazardous in case of ingestion. Non-hazardous in case of inhalation. Non-irritant for lungs. Non-sensitizer for lungs.</p> <p>Carcinogenic effects: Not available Mutagenic effects: Not available Teratogenic effects: Not available Developmental toxicity: Not available</p>
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Prepared By:

04/02/2025

Head of Quality & Process

Reviewed By:

04/02/2025

System Co-ordinator

Approved By:

5/2/25

Technical Manager

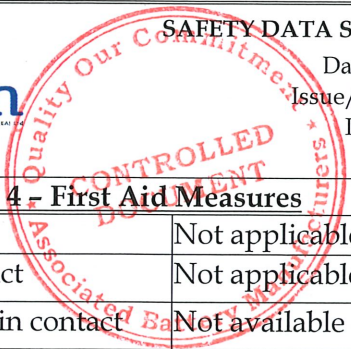
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SECTION 4 - First Aid Measures

Eyes	Not applicable
Skin contact	Not applicable
Serious skin contact	Not available
Inhalation	Not applicable
Serious inhalation	Not available
Ingestion	Not applicable
Serious ingestion	Not available

SECTION 5 - Fire and Explosion Data

Flammability of the product	Non-flammable
Auto-ignition temperature	Not applicable
Flash points	Not applicable
Flammable limits	Not applicable
Products of combustion	Not available
Fire hazards in presence of various substances	Not applicable
Explosion hazards in presence of various substances	Not applicable
Firefighting media and instructions	Not applicable
Special remarks on fire hazards	Not available
Special remarks on explosion hazards	Not available

SECTION 6 - Accidental Release Measures

Small spill: Mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.
Large spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

SECTION 7 - Handling and Storage

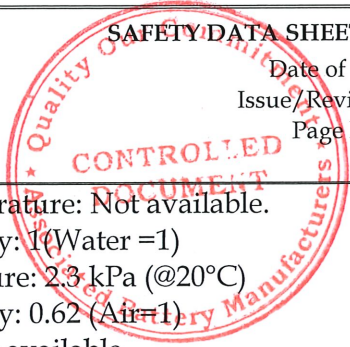
Precautions	No specific safety phrase has been found applicable for this product.
Storage	Not applicable

SECTION 8 - Exposure Controls/ Personal Protection

Engineering controls: Not applicable
 Personal Protection: Safety glasses, lab coat
 Personal Protection in case of a large spill: Not applicable
 Exposure limits: Not available.

SECTION 9 - Physical and Chemical Properties

Physical state and appearance: Liquid
 Odour: Odourless
 Taste: Not available
 Molecular weight: 18.02 g/mole
 Color: Colourless
 pH (1% soln/water): 7 (Neutral)
 Boiling point: 100 °C (212°F)
 Melting point: Not available



Critical temperature: Not available.
Specific gravity: 1 (Water =1)
Vapour pressure: 2.3 kPa (@20°C)
Vapour density: 0.62 (Air=1)
Volatility: Not available
Odour threshold: Not available
Water/ oil distribution coefficient: Not available
Ionicity (in water): Not available
Dispersion properties: Not applicable
Solubility: Not applicable

SECTION 10 - Stability and Reactivity Data

Stability: The product is stable
Instability temperature: Not available
Incompatibility with various substances: Not available
Corrosively: Not available
Special remarks on reactivity: Not available
Special remarks on corrosively: Not available
Polymerization: Will not occur

SECTION 11 - Toxicological Information

Routes of entry: Absorbed through skin, eye contact
Toxicity to animals: LD50: (Rat) -route: oral; Dose: >90 ml/kg, LC50: Not available
Incompatibility with various substances: Not available
Chronic effects on humans: Not available
Other toxic effects on humans: non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin. Non-hazardous in case of ingestion. Non-hazardous in case of inhalation. Non-irritant for lungs. Non-sensitizer for lungs. Non-corrosive to the eyes. Non-corrosive for lungs.
Special remarks on toxicity to animals: Not available
Special remarks on chronic effects on humans: Not available
Special remarks on other toxic effects on humans: Not available

SECTION 12 - Ecological Information

Ecotoxicity: Not available
BOD5 and COD: Not available
Products of biodegradation: Possibly hazardous short-term degradation products are not likely. However, long-term degradation products may arise.
Toxicity of the products of biodegradation: The product itself and its products of degradation are not toxic.
Special remarks on the products of biodegradation: Not available.

SECTION 13 - Disposal Considerations

Waste disposal: Waste must be disposed off in accordance with International, NEMA and local environmental control regulations.

SECTION 14 - Transport Considerations

Identification: Not applicable
Special provisions for transport: Not applicable

SECTION 15 - Other Regulatory Information

Health hazard: 0
Fire hazard: 0
Reactivity: 0
Personal protection: a

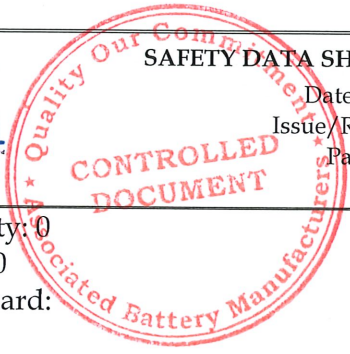


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Flammability: 0
Reactivity: 0
Specific hazard:

Protective Equipment: Not applicable. Lab coat
Not applicable. Safety glasses

SECTION 16 - OTHER INFORMATION

References: Not available

Other special considerations: Not available

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Associated Battery Manufacturers Ltd be liable for any claims, losses or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Associated Battery Manufacturers Ltd has been advised of the possibility of such damages.

SECTION 17 - AMENDMENT SHEET

Issue/ Rev	Date	Page	Section	Description of changes	Requested by
1/00	24.09.2017	All	All	New material data sheet for de-ionized water.	Q & CSM
1/01	21.11.20	All	All	Removal of word "Material" in the title so as to remain with Safety Data sheet. Review of document reference from ABM-QCS-MSDS-001 to ABM-QCX-SDS-(DW)-001. Addition of Technical Manager as contact personnel. Addition of administrative section.	System Coordinator
1/02	25.01.31	All	All	Document reference ABM-QCX-SDS-(WLAB)-001 changed to ABM-TEC-SDS-(WLAB)-001. Process Coordinator changed to Head of Quality & Process.	System Coordinator