

SAFETY DATA SHEET

SECTION 1: Product and Company Identification

Product Identifier:	BOMD Solution – Cleaning Solution
Product Description:	Cleaning solution for reusable bottles, smoking devices, hydration gear, and general household/outdoor equipment
Supplier Details:	GotU Innovations (Pty) Ltd Johannesburg, South Africa
Telephone:	+27 (0) 696680243
Website:	www.bomd.co.za

Revision No.: 1.0

Product: BOMD Solutions – Cleaning Solution

Revision Date: 01/03/2026

SECTION 2: Hazards Identification



Hazard Category:

- Highly flammable liquid and vapour
- Irritating to eyes and skin
- Vapours may cause dizziness

Signal Word:

Danger

Pictograms:

-  Flame
-  Exclamation Mark

Adverse Human Health Effects:

May cause irritation to eyes and skin. Vapours may cause dizziness or drowsiness. Ingestion may cause discomfort.

Environmental Effects:

Avoid large quantities entering waterways.

Physical Hazards:

Highly flammable liquid and vapour.

Chemical Hazards:

Keep away from heat, sparks, and open flames.

Revision No.: 1.0

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SECTION 3: Composition / Information on Ingredients

Chemical Nature:

Liquid mixture

Components contributing to the hazard:

1. Isopropyl Alcohol (80%)
2. Blend of anionic surfactants and synthetic detergents (20%)

Variant-Specific Components (Final Concentration):

- Glutaraldehyde (Orange Variant): **0.06%**
- L-Lactic Acid (Blue Variant): **0.30%**

Notes:

Surfactants, fragrances, and dyes are included as part of a proprietary formulation.
Product is intended for cleaning purposes only and not for disinfectant use.

Revision No.: 1.0

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SECTION 4: First Aid Measures

Inhalation:

Move to fresh air. Seek medical attention if symptoms persist.

Skin Contact:

Wash with soap and water. Remove contaminated clothing.

Eye Contact:

Flush with water for several minutes. Seek medical attention if irritation persists.

Ingestion:

May cause nausea or discomfort. Rinse mouth and seek medical attention.

Protection of First Aiders:

Avoid direct contact. Use gloves where appropriate.

SECTION 5: Firefighting Measures

Extinguishing Media:

CO₂, dry chemical, or foam

Specific Hazards:

Highly flammable. Vapours may ignite.

Specific Methods:

Cool containers exposed to fire with water spray.

Revision No.: 1.0

Product: BOMD Solutions – Cleaning Solution

Revision Date: 01/03/2026

SECTION 6: Accidental Release Measures

Personal Precautions:

Remove ignition sources. Ensure adequate ventilation.

Environmental Precautions:

Avoid large spills entering drains or waterways.

Clean-Up Method:

Absorb with inert material and dispose according to local regulations.

SECTION 7: Handling and Storage

Handling

Prevention of User Exposure:

Avoid contact with eyes. Do not ingest. Use in ventilated areas.

Prevention of Fire and Explosion:

Keep away from heat, sparks, and open flames.

Precautions for Safe Handling:

Keep container tightly closed when not in use.

Storage

Storage Conditions:

Store below 30°C in a cool, dry place away from ignition sources.

Safe Packaging Material:

HDPE or equivalent chemical-resistant container

Revision No.: 1.0

Product: BOMD Solutions – Cleaning Solution

Revision Date: 01/03/2026

SECTION 8: Exposure Controls / Personal Protection

Limit Values:

Refer to occupational exposure limits for isopropyl alcohol (~400 ppm TWA)

Respiratory Protection:

Not required for normal use

Hand Protection:

Gloves recommended for prolonged or bulk handling

Eye Protection:

Wear goggles if splashing is expected

Skin Protection:

None required under normal use

Personal Hygiene Measures:

Wash hands after use

Revision No.: 1.0

Product: BOMD Solutions – Cleaning Solution

Revision Date: 01/03/2026

SECTION 9: Physical and Chemical Properties

Property	Value
Form	Liquid
Colour	Varies by variant
Odour	Alcohol / fragrance
pH	Approx. 3.5 – 9
Boiling Point	~82°C
Flash Point	~12–15°C
Solubility	Miscible in water

Revision No.: 1.0

Product: BOMD Solutions – Cleaning Solution

Revision Date: 01/03/2026

SECTION 10: Stability and Reactivity

Stability:

Product is stable under normal conditions

Conditions to Avoid:

Heat, sparks, open flames

Materials to Avoid:

Strong oxidizing agents

Hazardous Decomposition:

None under normal use

SECTION 11: Toxicological Information

Acute Toxicity:

Ingestion may cause discomfort

Skin Contact:

May cause irritation

Eye Contact:

May cause irritation

Inhalation:

Vapours may cause dizziness

Long-Term Effects:

None known under normal use

Revision No.: 1.0

Product: BOMD Solutions – Cleaning Solution

Revision Date: 01/03/2026

SECTION 12: Ecological Information

Environmental Effects:

High concentrations may be harmful to aquatic life

Behaviour and Fate:

Avoid large spills entering waterways

Biodegradability:

Surfactants are biodegradable

SECTION 13: Disposal Considerations

Waste Disposal:

Dispose in accordance with local regulations

Packaging Disposal:

Dispose at approved waste facilities

SECTION 14: Transport Regulations

UN Number: UN1993

Proper Shipping Name: Flammable liquid, n.o.s. (contains isopropyl alcohol)

Class: 3

Packing Group: II

SECTION 15: Regulatory Information

Product classified according to GHS.

Subject to South African occupational health and safety regulations.

Revision No.: 1.0

Product: BOMD Solutions – Cleaning Solution

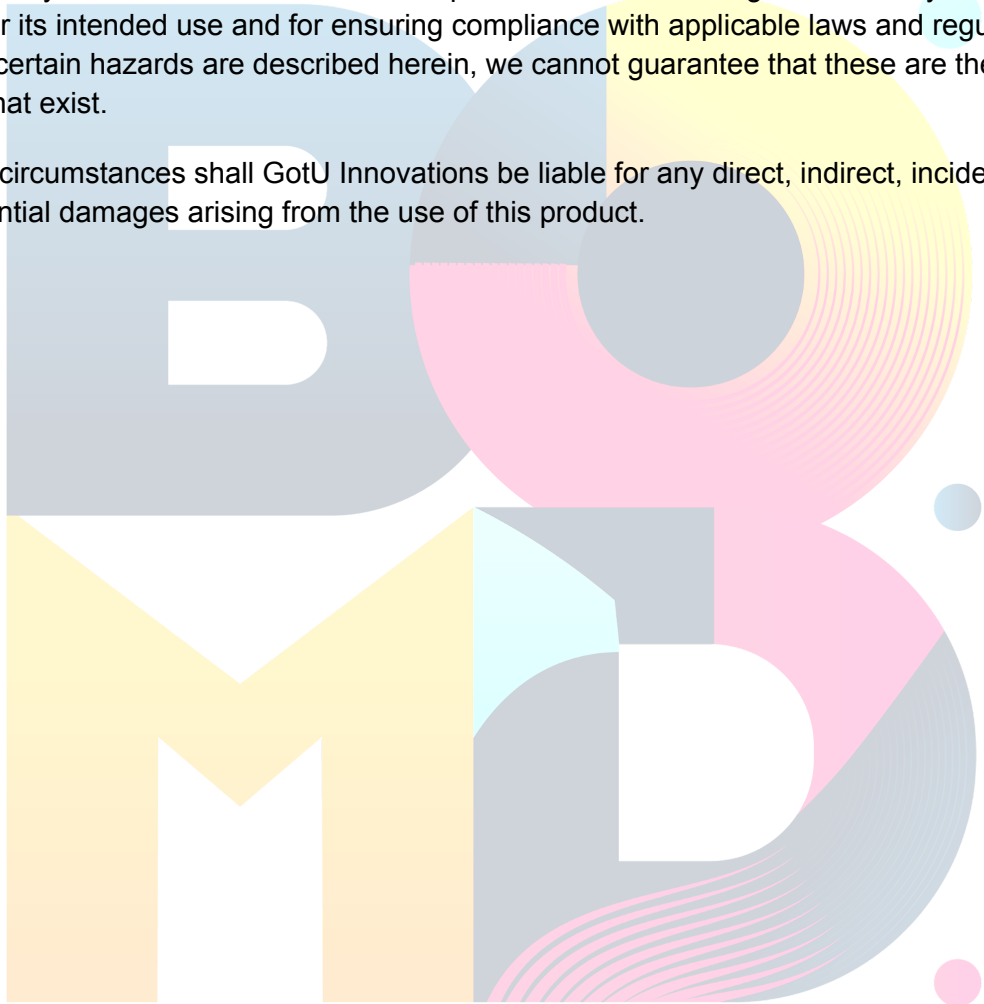
Revision Date: 01/03/2026

SECTION 16: Additional Information

Always use according to manufacturer's instructions.

The information contained herein is based on our current knowledge and experience and is intended to describe the product in terms of health, safety, and environmental requirements. The data is provided as a guide for the safe handling, use, storage, and disposal of the product and should not be considered a guarantee of specific performance. GotU Innovations shall not be held liable for any damage or injury resulting from handling or contact with the product under conditions beyond its control. The user is responsible for determining the suitability of this product for its intended use and for ensuring compliance with applicable laws and regulations. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Under no circumstances shall GotU Innovations be liable for any direct, indirect, incidental, or consequential damages arising from the use of this product.



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