



# **BLUE GIZMO**

## **MATERIAL SAFETY DATA SHEET (M.S.D.S)**

### **1. IDENTIFICATION OF THE SUBSTANCE**

Name: Blue Gizmo Probe Disinfectant Wipes  
A Wet Impregnated non-woven wipe containing a disinfectant mixture

Model: BG Wipes

Supplied By: Acez Instruments Private Limited  
Blk 28-D Penjuru Close, # 01-07  
Singapore 609132

Tel: (65) 6268 0100  
Fax: (65) 6268 7286 / 6265 4272

### **2. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemicals	%Conc.	Classification	CAS	EINECS
Alkyl Dimethyl Benzyl Ammonium Chloride	< 0.5%	Xn, C, X; R22-34-41	68424-85-1	270-325-2
Polymeric Biguanide Hydrochloride	< 0.2%	Xn, N; R22-38-42-43-50-53	027083-27-8	
Propan-2-ol	< 4%	Xi; R36-67	67-63-0	200-661-7

### **3. HAZARD IDENTIFICATION**

This product is not classed as hazardous to health or the environment.

### **4. FIRST AID MEASURES**

Eyes: If sufficient material has entered the eyes to cause irritation, flush thoroughly with water for at least 10 minutes. If symptoms persist, seek medical advice.

Ingestion: If ingested, do not induce vomiting. Keep at rest and seek immediate medical attention.

Inhalation: Remove the affected victim from further exposure and seek medical advice.

Skin: Wash affected area with soap and water. If irritation persists seek medical advice.

### **5. FIRE FIGHTING MEASURES**

General Hazard: This product does not support combustion and hence is not classified as flammable.

Flash Point: 54 Degree. C

Extinguishing Media: Dry Chemical, Foam or Carbon Dioxide.

Hazardous Thermal Decomposition Products: Oxides of carbon, Nitrogen and other toxic decomposition products in the case of incomplete combustion.

Special Fire Fighting Procedures: Use self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion Hazards: There are no unusual hazards. Product does not constitute any special or particular fire hazards.

## **6. ACCIDENTAL RELEASE MEASURES**

No special precautions are required if used as directed. However, avoid using the product in conjunction with strong oxidizing agents (e.g. bleach).

## **7. HANDLING AND STORAGE**

Handling: Follow handling instruction, which are represented on the product label. Avoid contact with eyes.

Storage: Store at room temperature. Avoid extreme temperature conditions.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

No protective equipment is required when using the product, although your own risk assessment should be considered.

Occupational exposure limit: EH44 (United Kingdom (UK)). OES: 500ppm Period: 15min. OES: 1250m3 Period: 15 min.

## **9. PHYSICAL AND CHEMICAL PROPERTIES (Not a Specification)**

Appearance / Odors: The products presents as a wet impregnated non-woven wipe. This wipe has a slight chemical odor.

Specific Gravity: N/A

Solubility in Water: All impregnate components 100%.

pH@20Deg.C Typical Analysis: N/A

Volatiles: Propan-2-ol. (<4%)

Melting / Boiling Point: N/A

Flash Point: 54 Degree. C (Solvent within this product- product does not support combustion)

## **10. STABILITY AND REACTIVITY**

Stability: stable if stored at room temperature. Wipes will dry if exposed to the atmosphere.

Materials to avoid: Contact with strong oxidizing agents. Do not use the wipes with anionic materials and soap, which reduce the life and antibacterial effectiveness of the wipes.

Hazardous Polymerisation: N/A.

## **11. TOXICOLOGICAL INFORMATION**

The following toxicological data therefore applies to the information gathered together from our Suppliers/manufacturers.

Acute Toxicity:	Not applicable for this product, if used as directed.
Corrosivity / irritation:	No evidence, of this if the product is used as directed.
Sensitisation:	No evidence at present.
Repeated-dose toxicity:	Not applicable for this product, if used as directed.
Mutagenicity:	Not applicable for this product, if used as directed
Carcinogenicity:	Not applicable for this product, if used as directed
Reproductive toxicity:	Not applicable for this product, if used as directed

## **12. ECOLOGICAL INFORMATION**

Product is generally biodegradable.  
Packaging is recyclable.  
This product is accepted as non –bioaccumulative.  
Ecotoxicity – Nil – Low.

## **13. DISPOSAL**

Disposal should be in accordance with local, state or National Legislation.

## **14. TRANSPORT INFORMATION**

This product is not classified as a dangerous good for transport in regards to the Transport regulation.

## **15. REGULATORY INFORMATION**

In accordance with the CHIP 3 regulations, the product is not classified as hazardous product.  
Product “Contains Polymeric Biguanide Hydrochloride, may cause an allergic reaction”.

## **16. OTHERS INFORMATION**

Packaging Contents:	Recyclable H.D.P.E inner packaging Recyclable cardboard outer packaging. Non-woven consisting of Viscose Fibres, Cellulose, PES Fibres & Binder.
Hazards:	All necessary information can be found in section 3 & 15 for this product. This product is not classed as flammable as it does not support combustion.
Restrictions:	Method of presentation as a wipe reduces ingestion hazards. Avoid contact of wipes with eyes. Avoid all oxidizing agents.
Risk Phrases listed in Section 2	R22: Harmful if swallowed R34: Causes Burns R36: Irritating to eyes R38: Irritating to skin

R41: Risk of serious damage to eyes  
R43: may cause sensitization by skin contact  
R50: Very toxic to aquatic environment  
R53: May cause long term adverse effects in the aquatic environment  
R67: Vapors may cause drowsiness and dizziness

This data sheet was compiled using external data from our supplier and manufacturer independent Laboratories. This safety data sheet contains all the necessary information to conduct a COSHH assessment. This document in its own right does not constitute the users own assessment of workplace risk as required by the Health and Safety legislation.

The information given in this safety data sheet is given in good faith and to the best of our knowledge is correct. No liability is accepted for any loss or damage arising directly from the use of company's products or from the use of the information given in this safety data sheet, In particular, financial or economical loss unless required by law.

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