

MATERIAL SAFETY DATA SHEET

BIOCLEAN BIO-ACTIVE URINAL AND WC MAINTAINER

1. IDENTIFICATION OF THE PRODUCT AND COMPANY DETAILS:

Product Name : **BIOCLEAN BIO-ACTIVE URINAL AND WC MAINTAINER**
 Company : Calfarme (Singapore) Pte Ltd
 Blk 2 Defu Lane 10 #02-535
 Singapore 539183
 Telephone : (65) 2832115
 Fax : (65) 2854594

2. COMPOSITION/INFORMATION ON INGREDIENTS:

Ingredients	CAS No:	%	Function:
Polyethylene Glycols	9016-45-9	<25	Surfactant
Bacterial Spore	N/A	>10	
Fragrance	N/A	>12	

3. HAZARDS IDENTIFICATION:

Contains no hazardous components as listed in 29 Cfr 1900.1000 or other pertinent sections of OSHA regulations.

4. FIRST AID MEASURES:

Primary Routes of Entry : Eye and Skin Contact, Ingestion
 Carcinogen Listed in : Not Listed
 Health Hazards : Acute irritation sensations. No known chronic effects.
 Signs and Symptoms of Exposure : Mild irritation, redness of eyes. Prolonged or repeated exposure may cause mild skin irritation. Nausea, vomiting or diarrhoea may result from ingestion.
 Medical Conditions Generally Aggravated by Exposure : Bacterial infection may occur through open wounds or broken skin.
 Emergency First Aid Procedures : Flush eyes with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
 Avoid contact with open wounds or broken skin.
 In case of skin contact, wash area with soap and water, apply a topical antiseptic agent.
 In case of ingestion, give affected person several glasses of water and induce vomiting.
 Obtain medical attention.
 Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES:

Flash Point and Test Method (°F) : None, closed cup
 Autoignition Temperature : Not determined
 Flammable Limits in Air % by Volume : Upper - Not determined Lower - Not determined
 Extinguishing Media : Water, foam, Carbon Dioxide, Dry Chemical
 Special Fire Fighting Procedure : None
 Unusual Fire and Explosion Hazard : None

6. ACCIDENTAL RELEASE MEASURES:

Steps to be taken if material is released or spilled:

Ventilate area.

Pick up on absorbent material or flush away with water.

Waste Disposal Method : Consult local environmental authorities

7. HANDLING AND STORAGE:

Precautions to be taken in

Handling and Storage : Store in a cool, dry place. Keep container tightly closed when not in use.

To maintain biological properties, do not freeze and do not store above 100°F

Other Precautions : Keep out of the reach of children.

HMS Hazard Rating Information : 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Flammability = - Minimal

Health = - Slight

Reactivity = - Minimal

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Respiratory Protection : Not required

Protective Gloves : Rubber gloves

Eye Protection : Chemical goggles

Ventilation : Local exhaust

Other Protective Equipment : Not required

Hygienic Work Practices : Wash hands thoroughly after use

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance : Amber Liquid Vapour Pressure (mm Hg) : Not Determined

Odour : Mild Odour Vapour Density (air=1) : <1.0

pH : 6.5 - 7.5 Water Solubility : Appreciable

Specific Gravity : 1.00 Evaporation Rate (water=1) : 1.0

Boiling Point (°F) : >212 Water Reactive : N/A

10. STABILITY AND REACTIVITY:

Stability : Stable Hazardous Polymerization : Will no occur

Incompatibility : None Hazardous Decomposition Products : Oxides of Carbon

Conditions to Avoid : None

11. TOXICOLOGICAL INFORMATION:

Eyes : Will cause mild irritation and redness

Skin : May cause mild irritation on prolonged contact. Contact with open wounds or broken skin should be avoided.

Inhalation : May irritate nose and upper respiratory tract.

Ingestion : May cause nausea, vomiting and diarrhoea.

Chronic Health Effects :

Other :

12. ECOLOGICAL INFORMATION:

Environmental Assessment : Preparation may be harmful to fish. Release into surface waters should be avoided unless well diluted.
 Mobility : Preparation is water miscible.
 Persistence and Degradability : Preparation is unlikely to be persistent and is expected to degrade safely.
 Bioaccumulation : Low
 Ecotoxicity :

13. DISPOSAL CONSIDERATIONS:

All disposal must be via an authorised waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

Unused Product : As above
 Used/Contaminated Product : As above
 Empty Container : Wash out thoroughly with plenty of water and return to supplier. Otherwise as substance.

14. TRANSPORT INFORMATION:

The product is not classified as hazardous from transportation
 UN/SI Number : Not required.

15. REGULATORY INFORMATION:

CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 304.4): this product does not contain an ingredient(s) listed as a hazardous ingredient for Emergency Release Notification under Section 304.
 List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 300 & 305): This product does not contain an ingredient(s) listed as an extremely hazardous substance (EHS) for Emergency Planning under sections 301 - 303 and for Emergency Release Notification under Section 304.
 List of Toxic Chemicals Subject to Release Reporting (Community Right to Know) (40CFR 372): This product does not contain an ingredient(s) listed as toxic chemical for Annual Release Reporting Requirements under Section 313.

16. OTHER INFORMATION:

This product is intended for the cleaning, hygiene and odour control. It should not be used for other purposes.