

MATERIAL SAFETY DATA SHEET

BAC-T-CLEAN

Review Date: 2014/01/02

Date of Print: 2014/01/07

This Safety Data Sheet follows the guidelines of ANSI Z400.1 and the format requirements of the Global Harmonizing System.

TRADE NAME – BAC-T-CLEAN

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name BAC-T-CLEAN
Supplier Name CHEMICAL INDUSTRIES LTD.
Address Lot #3&4 Grantley Adams Industrial Park, Christ Church, Barbados
Telephone No. 1-246-428-1614
Fax No. 1-246-420-7088
Email sales@biosphereltd.com
Use(s) DRAIN MAINTENANCE & ODOR CONTROL

2. HAZARDS IDENTIFICATION

	NFPA	HMIS
Health Hazard	0	1
Flammability	1	1
Reactivity	0	0
Specific Hazard	None	None

CAUTION

May cause irritation with prolonged contact. Avoid contact with eyes, on skin, on clothing. Do not take internally. Use with adequate ventilation.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water.

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Wear suitable protective clothing.

Primary routes of exposure: Eye, Skin

Human health hazards - Acute:

Eye contact: May cause irritation with prolonged contact.

Skin contact: May cause irritation with prolonged contact.

Ingestion: Not a likely route of exposure. May cause nausea and vomiting. Can cause central nervous system depression.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Based on hazard evaluation, none of the substances in this product are hazardous.

4. FIRST AID MEASURES

EFFECTS OF OVEREXPOSURE: Maybe harmful if swallowed, may cause eye irritation.

EYES If in eyes hold eyelids apart and flush continuously with plenty of running water. If irritation persists, call physician

SKIN Remove contaminated clothing and flush skin and hair with running water

INGESTION Drink a large quantity of water. Do not induce vomiting. If conscious, washout mouth and give water to drink.

INHALATION Move to fresh air.

NOTES TO PHYSICIAN Treat symptomatically

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5. FIRE FIGHTING MEASURES

Flash Point: > 200 F/ > 93.3 °C

Fire and Explosion Low Fire Hazard; liquids may burn upon heating to temperatures at or above the flash point. May evolve oxides of carbon (CO_x) under fire conditions.

Extinguishing Media Foam, Carbon dioxide, Dry powder, other extinguishing agent suitable for Class B fires. For large fires, use water spray or fog, thoroughly drenching the burning material. Water mist may be used to cool closed containers.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTING: In case of fire, wear a full face positive-pressure self contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal protection: Restrict access to area as appropriate until clean-up operations are complete. Use personal protective equipment recommended in Section 8 (Exposure Controls/Personal Protection). Stop or reduce any leaks if it is safe to do so. Ventilate spill area if possible.

Spillage SMALL SPILLS: Soak up spill with absorbent material. Place residues in a suitable, covered, properly labeled container. Wash affected area.
LARGE SPILLS: Contain liquid using absorbent material, by digging trenches or by diking. Reclaim into recovery or salvage drums or tank truck for proper disposal. Clean contaminated surfaces with water or aqueous cleaning agents. Dispose of material in compliance with local regulations.

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7. STORAGE AND HANDLING

Storage Store in suitable labeled containers. Store the containers tightly closed, separately from oxidizers.

Handling Do not get in eyes, on skin, on clothing. Do not take internally. Use with adequate ventilation. Do not breathe vapors/gases/dust. Keep the containers closed when not in use. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Ensure all containers are labeled.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Standards This product does not contain any substance that has an established exposure limit.

Biological Limits No biological limit allocated.

Engineering Controls Ensure adequate natural ventilation.

PPE Wear standard protective clothes, splash-proof goggles and PVC or rubber gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	Density	8.31 lb/gal
Appearance	Blue, opaque liquid	Solubility in water	Miscible
Odor	Specific	Vapour pressure	Same as water
Specific gravity	1.00	Vapour density	Same as water

Note: These physical properties are typical values for this product and are subject to change.

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10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended conditions of storage.
Conditions to Avoid	None known.
Material to Avoid	Contact with strong oxidizers (e.g. chlorine, peroxides, chromates, nitric acid, perchlorate, concentrated oxygen, permanganate) may generate heat, fires, explosions and/or toxic vapors.
Decomposition	Under conditions of fire, oxides of carbon are expected to form.
Hazardous Reactions	Polymerization is not expected to occur.

11. TOXICOLOGICAL INFORMATION

No toxicity studies have been conducted on this product.

Sensitization: This product is not expected to be a sensitizer.

Carcinogenicity: None of the substances in this product are listed by IARC, NTP, or ACGIH.

12. ECOLOGICAL INFORMATION

Motility: If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages

Air	Water	Soil / Sediment
< 5%	30 - 50%	50 - 70%

The portion in water is expected to float on the surface.

Bioaccumulation potential: This preparation or material is not expected to bioaccumulate.

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13. DISPOSAL CONSIDERATIONS

Waste Disposal

No special precautions are required for the disposal of this product. If this product becomes a waste, it is not a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it does not have the characteristics of Subpart C, nor is it listed under Subpart D.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOODS AND HENCE NOT REGULATED DURING TRANSPORTATION.

UN # - None allocated

15. REGULATORY INFORMATION

Not regulated

16. OTHER INFORMATION

Additional Information

ABBREVIATIONS:

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

OSHA - Occupational Safety and Health Administration.

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IARC – International Agency for Research on Cancer

NTP – National Toxicology Program

ACGIH – American Conference of Governmental Industrial Hygienists

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

Disclaimer

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 Chemical Industries 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.

Prepared By

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Approved By: 

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