

MATERIAL SAFETY DATA SHEET
 Sybron Chemicals Inc.
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 Salem, VA 24153
 Phone: (540) 389-9361
 INQUIRY : Sybron Chem. Inc.
 EMERGENCY: (800) 424-9300 Chemtrec
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Product Name: BI-CHEM BDO
 Sexamer Nature Green

SECTION I

Manufacturers Name: Sybron Chemicals Inc.
 Address : 111 Kesler Mill Road, Salem, VA 24153
 Chemical Name :
 Generic Family :
 Formula ID Number : 9810
 Revision Date : 1-18-99
 Name Of Preparer : Regulatory Affairs Department

SECTION II - HAZARDOUS INGREDIENTS/INFORMATION

HAZARDOUS COMPONENTS

CAS NO. :
 CHEMICAL NAME :
 Ingredients are proprietary.

Note: NIOSH Approved Respiratory Apparatus Not Required

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity (H2O = 1) : 1.0 Boiling Point : >100 Deg. C
 Vapor Pressure (mm Hg) : -Water Melting Point : N/A Deg. C
 Vapor Density (Air=1) : -Water Evaporation Rate. : 1 (Water=1
 Percent Volatile (by Volume): Nil pH : 4.5-5.5
 Solubility in Water : 99% Odor : Perfumed
 Appearance: Green Liquid

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Deg. C)/Method Used: >230F/Seta flash closed cup.
 Flammable Limits: No Data Available.
 Extinguishing Media: Carbon dioxide, water
 Special Fire Fighting Procedures: Use self-contained breathing apparatus and protective clothing when fighting fires.
 Unusual Fire and Explosion Hazards: None

SECTION V - REACTIVITY DATA

Stability: Stable under normal conditions. Incompatibility (Materials to Avoid): Oxidizing agents. Strong acids or alkali compounds may inactivate biological cultures.
 Decomposition or Byproducts: Sulfur dioxide and hydrogen sulfide.
 Hazardous Polymerization: Will Not Occur

Identity: 9810X

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:
 Inhalation? : Low
 Skin? : Low
 Ingestion? : Low
 Eyes? : Low

Health Hazards (Acute and Chronic): HMIS rating H=1 F=0 R=0
 Ingestion will have no effect in small amounts. Relative to other materials a single dose of this product is rarely toxic by ingestion. Irritation of the mouth, pharynx, esophagus and stomach can develop following ingestion.

Eye contact is painful and irritating and may cause burns.

Skin contact may cause slight redness on hands and forearms if individual has a history of dermal allergic reaction. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact with human skin. Systemically toxic concentrations will probably not be absorbed through the skin in man. Organisms used are non-pathogenic but can cause infection when in contact with open wounds. These organisms are susceptible to many commonly used antibiotics.

Inhalation: Mist caused by manufacturing operation may irritate nasal passages.

Occupational Exposure Limits:

OSHA STEL	OSHA PEL	ACGIH TLV	ACGIH CEILING	OTHER SKIN

NONE

Carcinogenicity: : NO
 NTP? : NO
 IARC Monographs? : NO
 OSHA Regulated? : NO

Signs and Symptoms of Exposure:

Inhalation : Irritation.
 Skin Contact : Irritation
 Ingestion : None in small amounts.
 Eye Contact : Burning, irritation.

Medical Conditions Generally Aggravated by Exposure: Dermatitis.

Emergency and First Aid Procedures:

Inhalation : Remove to fresh air.
 Skin Contact : Remove contaminated clothing, wash with soap and water.
 Ingestion : Drink water or milk to dilute. Induce vomiting only if advised by physician or Poison Control Center. Call Poison Control Center.

Eye Contact : Flush with copious amounts of water for at least 15 minute and have eyes examined and treated by medical personnel.

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SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken In Case Material Is Released or Spilled:

Where possible, flush down drain to waste treatment sewer; otherwise:

Small Spills: Mop up or absorb on inert material.

Large Spills: Contain and place in appropriate container for disposal.

Waste Disposal Method: Dispose of absorbed material at an approved disposal

site or facility. Disposal of this product or its residues must be in

accordance with all local, state and Federal requirements.

To maintain shelf life, avoid prolonged exposure to high or low temperatures

and humidity. Avoid temperatures above 110 F. and keep from freezing.

Precautions To Be Taken In Handling and Storing: This is an industrial

chemical. Follow good housekeeping and hygiene practices to help prevent

accidental exposure or ingestion. Other Precautions: Wash affected areas

of body after using.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH approved respiratory equipment not required.

Ventilation: Yes Local Exhaust: Yes Forced Exhaust: No

Protective Gloves: Rubber

Eye Protection: Goggles

Other Protective Clothing or Equipment: None Work/Hygiene Practices: Wash

hands and face before eating, drinking or smoking after handling material.

SECTION IX - REGULATORY INFORMATION & REFERENCES

New Jersey Trade Secret Registration #5891380001-T

Not subject to Proposition 65 Labeling requirements.

All ingredients are listed on the TSCA Inventory.

SARA TITLE III REPORTING REQUIREMENTS

SECTION 302 Reporting : No

SECTION 304 Reporting : No

SECTION 313 Reporting Required: No

CERCLA Reporting required if above:

RCRA Reporting required: No

OTHER

Canadian WHMIS Classification: Class D2B

D.O.T. Proper Shipping Name: Not DOT Regulated

D.O.T. ID Number:

D.O.T. Hazard Class: Not DOT Regulated

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REFERENCES

The data and recommendations presented herein are based upon our research and the research of others, and are believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

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