

MATERIAL SAFETY DATA SHEETProduct: **BIOTGENERALPURPOSEFOAM**

Date: December 10, 1992

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SECTION I. MATERIAL IDENTIFICATION**Trade/Material Name:** Bio T General Purpose Foam**Manufacturer:** BioChem Systems, Inc.
3511 N. Ohio
Wichita, KS 67219Phone: 800-777-7870 (Business)
800-633-8253 (Emergency)
Cage Number: 0XYGO**SECTION II. INGREDIENTS AND HAZARDS**

Ingredient Name:	Exposure Limits:	CAS#
Isopropyl Alcohol	OSHA PEL: 400 ppm, ACGIH TLV: 400 ppm	67-63-0
D-limonene	N/D	5989-27-5

This product contains a flammable propellant (CAS #68476-86-8) which contains propane, isobutane, and n-butane. Propane has an OSHA PEL of 1000 ppm and is listed by ACGIH as a simple asphyxiant. The dispensed product is a non-flammable aerosol based on the flame extension test.

All components that comprise Bio T General Purpose Foam are registered on the TSCA inventory.

SECTION III. PHYSICAL DATA

Appearance & Odor:	Thick white foam, citrus odor
Boiling Point:	200°F
Evaporation Rate (H₂O = 1):	1
Vapor Pressure:	<2 mm Hg (Primary Constituent)
Specific Gravity (H₂O = 1):	0.971 @ 25°C
Melting Point:	Liquid @ 25°C
Vapor Density (air = 1):	<1
pH:	9.8
Solubility in Water:	Dispersible

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (method):	None - extinguishes flame (Flame extension, open flame test)
Limits:	LEL %: N/D UEL %: N/D
Extinguishing Media:	Dry chemical, carbon dioxide or halon
Unusual Fire or Explosion Hazards:	Guard against spontaneous combustion of improperly discarded oily rags.
Special Fire Fighting Procedures:	Use self-contained breathing apparatus. Do not use water.

SECTION V. REACTIVITY DATA

Chemical Stability:	Hazardous polymerization will not occur.
Chemical Incompatibilities:	Avoid contact with strong oxidizing agents.
Conditions To Avoid:	Avoid use of any ignition sources near spill.
Hazardous Decomposition Products:	Carbon monoxide.

SECTION VI. HEALTH HAZARD INFORMATION

- Carcinogenicity:** This product is not considered a carcinogen.
- Medical conditions which may be aggravated by contact:** Predisposition to allergic contact dermatitis.
- Primary entry route(s):** Inhalation, skin contact, eye contact, ingestion.
- Signs and symptoms of overexposure:**
- Eye Contact:** Causes irritation
 - Skin Contact:** Causes irritation
 - Inhalation:** Prolonged inhalation of aerosol/vapor may result in drowsiness, headache and uncoordination if used extensively in absence of general ventilation.
- First Aid:**
- Eye Contact:** Flush eyes with copious amounts of water; see physician.
 - Skin Contact:** Wash skin with mild soap and water.
 - Inhalation:** Move victim to fresh air.
 - Ingestion:** Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Contact physician immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness, or is convulsing.

SECTION VII. SPILL, LEAK AND DISPOSAL PROCEDURES

Spill/Leak Procedures: Avoid use of any ignition source near spill. Contain product with inert material or absorbent medium such as activated carbon or kitty litter.

Waste Management/Disposal: Hazardous substances cleaned with this product may be considered hazardous waste. Unused portions of this product must be disposed of as ignitable waste. Dispose of hazardous waste in accordance with all local, state and federal regulations.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Personal Protective Equipment:

- Eye Protection:** Goggles
- Gloves:** Impermeable gloves (Nitrile)
- Respirator:** Not required in presence of good general ventilation. If conditions warrant, use NIOSH approved respirator.
- Other:** Avoid wearing clothes saturated with cleaner.

Workplace Considerations:

- Ventilation:** General mechanical ventilation.
- Safety Stations:** Emergency eye wash and shower stations.

SECTION IX. SPECIAL PRECAUTIONS

Special Handling/Storage: Store in a well ventilated area at temperatures below 120°F. Do not puncture, freeze or heat aerosol cans.

Other Precautions: Avoid contact with skin, eyes and mucous membranes.

Proper Shipping Name: Consumer commodity

Hazard Class: ORM-D

CAS Number: Proprietary Blend

R.C.R.A. Hazard Class: Ignitable

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