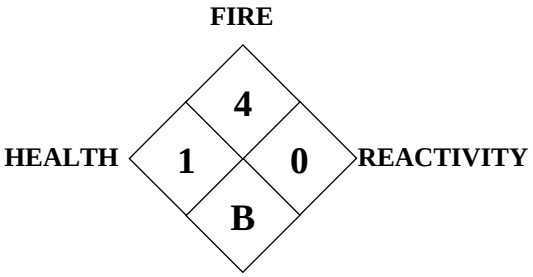
MATERIAL SAFETY DATA SHEET

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name : ENZYME FOAM
Chemical Family : Aerosol
Company Identification : Details Manufacturing & Distributing
814 South Duff Ave.
Ames, IA 50010

Infotrac 24 Hour Emergency Phone Number: 800-535-5053
Date Prepared : July 28, 2004
MSDS Number : 4682

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM



HAZARD RATING

4 = EXTREME
3 = HIGH
2 = MODERATE
1 = SLIGHT
0 = INSIGNIFICANT
X = SEE TEXT

Section 2: COMPOSITION, INFORMATION ON INGREDIENTS

CAS NUMBER	CHEMICAL NAME	% BY WGHT.	OSHA PEL/ ACGIN TLV	SARA 302/304(1)*	SARA 313(2)*	STATE INFO (3) (4)*	CERCLA RQ
67-63-0	Isopropyl Alcohol	< 5.0	400 ppm / 400 ppm	NO	NO	NO	None
34590-94-8	Dipropylene Glycol Monomethyl Ether	< 2.0	100 ppm	NO	NO	NO	None
-	**Propellant Mixture**	-	-	-	-	-	-
74-98-6	Propane	-	1000 ppm	NO	NO	NO	NONE
106-97-8	N-Butane	-	600 ppm	NO	NO	NO	NONE

* See Section 15 for more information n-e = none established - n-a = not applicable

Section 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION. Irritating to eyes and tissue. Keep away from heat and flame. Contents under pressure.
Do not puncture or incinerate container.

Primary Route of Entry: Skin contact, inhalation

Acute/Potential Health Effects

EYES: May cause mild eye irritation. Symptoms include stinging, tearing and redness.

SKIN: May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying of skin and skin burns.

INHALATION: High vapor/aerosol concentrations (>1000 ppm) are irritating to the respiratory tract.

INGESTION: May cause headache, dizziness, incoordination, nausea, vomiting, diarrhea and general weakness.

Chronic / Long Term Effects: None known

Signs and Symptoms of Overexposure: Dermal exposure may cause local redness and swelling, pain and discomfort.

Target Organ Effects: No data.

Reproductive/Developmental Information: No data.

Carcinogenic Information: This material is not listed as a carcinogen by IARC, NTP or OSHA.

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Section 4: FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

SKIN: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention immediately.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

INGESTION: Seek medical attention immediately. Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Never give anything by mouth to an unconscious person.

Section 5: FIRE FIGHTING MEASURES

Flash Point: No flash by standard methods.

Extinguishing Media: Dry chemical, CO2 or foam is recommended.

Special Fire Fighting Instructions: CAUTION. Contents under pressure. Cool exposed containers with water spray to prevent bursting. SCBA should be used whenever chemical fires are present.

Section 6: ACCIDENTAL RELEASE MEASURES

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams of other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

Section 7: HANDLING AND STORAGE

Do not use or store near heat, sparks or open flame. Exposure to temperatures above 120 F may cause bursting. Do not puncture of incinerate container. Store in a cool, dry place. Do not get in eyes, on skin or on clothing. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal. Keep out of reach of children.

Section 8: EXPOSURE CONTROLS and PERSONAL PROTECTION

Eye Protection: Wear safety glasses or goggles.

Skin Protection: To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene).

Respiratory Protection: When respiratory protection is requited use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements must be followed.

Engineering Controls: Good general ventilation required.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor	: Slightly cloudy mist/spray with pleasant fragrance.		
pH Concentrate	: 8.5	**Solubility in Water**	: Complete
Vapor Pressure [mmHg]	: n-e	**Evaporation Rate [Butyl Acetate=1]**	: n-e
Vapor Density [Air=1]	: n-e	**Specific Gravity [H20=1]**	: 1.0
Boiling Point	: n-a		

Section 10: REACTIVITY

Stability	: Stable	**Hazardous Polymerization**	: Will not occur
Conditions to avoid	: High temperature	**Hazardous Decomposition Products**	: CO, CO2
Incompatibility	: Acids and strong oxidizers		

Section 11: TOXICOLOGIACAL INFORMATION

No data.

Section 12: ECOLOGICAL INFORMATION

No data.

Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: TRANSPORTATION INFORMATION

D.O.T. Shipping Name / Class:
Consumer Commodity, ORM-D
(Domestic Ground Shipments)

Section 15: REGULATORY INFORMATION

U. S. Federal Regulations:
TSCA (Toxic Substances Control Act): The intentional ingredients of this product are listed.
Title III Section 311/312 Hazardous Categories – 40 CFR 370.2:
Acute (X) Chronic ( ) Fire ( ) Pressure (X) Reactive ( ) Not Applicable ( )
(1) Title III Section 302/304 Extremely Hazardous Substances – 40 CFR 355 Appendix A
(2) Title III Section 313 Toxic Chemicals – 40 CFR 372.65
If indicated under Section 2 of this MSDS, this product contains toxic chemicals subject to the reporting requirements of Section 313 of the emergency Planning & Community Right to Know Act of 1986. This information must be included in all MSDS's that are copied and distributed for this material

RCRA Status: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes a hazardous waste it would be assigned RCRA Code(s) D001

State and Local Regulations:
Certain states maintain their own ingredient lists which differ slightly from the Federal standards. If indicated under Section 2 of this MSDS, states listed below may have regulations on the ingredients contained in this product.
Check with your state for any additional regulations.
(3) California proposition 65 (Safe Drinking Water & Toxic Enforcement Act of 1986)
(4) Massachusetts (Hazardous Substance Disclosure by Employers)

Section 16: OTHER INFORMATION

This information was compiled from current manufacturer's MSDS's of the component parts of the product.

Disclaimer: The manufacturer believes that the information contained in the Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.