

HMIS RATINGS: Health: 1 Flammability: 0 Reactivity: 0

Personal Protection: B

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: 12-B COUNT SEWER ENZYMES

Chemical Family: Enzymes

Company Identification: ABC COMPOUNDING CO., INC.

P.O. BOX 16247 ATLANTA, GA Emergency Telephone Number: (800)535-5053

Date Prepared: AUG 20, 2003

MSDS Number: PA-18

MFGD. BY: ABC Compounding Co., Inc.

6970 Jonesboro Rd. Morrow, Ga. 30260

Section 2: COMPOSITION, INFORMATION ON INGREDIENTS

CAS	CHEMICAL	% BY	OSHA PEL/	SARA	SARA	STATE
NUMBER	NAME	WGHT.	ACGIH TLV	302/304(1)*	313 (2)*	INFO(3)(4)
7783-20-2	Ammonium Sulfate	< 6.0 5	mg/m3 / 10 mg/m3	NO	NO	NO
9014-01-1	Bacterial Subtilisin Protease		n/e / .06 mcg/m3	NO	NO	NO

* See Section 15 for more information

n/e = none established - n/a = not applicable

Section 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION. Product will cause moderate to severe irritation to eyes and possible tissue damage depending on exposure. Avoid breathing dusts.

Primary Route of Entry: Eye contact, skin contact, inhalation

Acute/Potential Health Effects:

EYES: Possible tissue damage depending on exposure.

SKIN: Prolonged or repeated exposure may cause drying or defatting of skin.

INHALATION: Can cause allergic type response in susceptible or hypersensitive individuals upon repeated or prolonged contact.

INGESTION: May cause gastrointestinal upset.

MSDS Number: PA-18

Section 3: HAZARDS IDENTIFICATION - continued:

Chronic / Long Term Effects: May cause allergic type sensitivity in susceptible individuals resulting in delayed hyperallergenic response.

Signs and Symptoms of Overexposure: Moderate to severe eye irritation. Prolonged or repeated contact with skin may cause drying or defatting. Ingestion may cause mild gastrointestinal irritation with nausea vomiting or diarrhea.

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.

Section 4: FIRST AID MEASURES

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

SKIN: Rinse with water.

INHALATION: No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

INGESTION: Give large quantities of water or milk. Induce vomiting. Get medical attention.

Section 5: FIRE FIGHTING MEASURES

Flash Point: No flash by standard methods.

Extinguishing Media: Use appropriate methods for combating surrounding fire. Special Fire Fighting Instructions: Wear a self contained breathing apparatus with a full face piece operated in the positive pressure demand mode. Chemical resistant PPE is recommended.

Section 6: ACCIDENTAL RELEASE MEASURES

Small quantities can be flushed down with excess water. Large quantities should be swept up or shoveled into containers for reprocessing or disposal.

Section 7: HANDLING AND STORAGE

Store in a cool, dry area. Avoid breathing dusts. Do not get in eyes, on skin or clothing. Keep out of direct sunlight. Keep out of reach of children.

Section 8: EXPOSURE CONTROLS and PERSONAL PROTECTION

Eye Protection: Wear safety glasses with side shields or goggles.

MATERIAL SAFETY DATA SHEET Trade Name: 12-B COUNT SEWER ENZYMES

Page 3 of 4

MSDS Number: PA-18

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

Respiratory Protection: When respiratory protection is required, wear a dust mask.

Engineering Controls: Use general ventilation.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Brown powder blend with proteinous odor pH Concentrate: 7.0 (10%)
Solubility in Water: Complete
Vapor Pressure [mmHg]: n/a
Evaporation Rate (Butyl Acetate=1): n/a
Vapor Density [Air=1]: n/a
Specific Gravity [H20=1]: n/a
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 oxidizers

Section 11: TOXICOLOGICAL INFORMATION

No data.

Section 12: ECOLOGICAL INFORMATION

No data.

Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Wastes must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: TRANSPORTATION INFORMATION

D.O.T. Shipping Name / Class:

Not regulated.

Section 15: REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA (Toxic Substances Control Act): The intentional ingredients of product are listed.

MSDS Number: PA-18

Title III Section 311/312 Hazardous Categories - 40 CFR 370.2:
ACUTE (X) Chronic (X) Fire () Pressure () 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 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)

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 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.