



Enzyme Spotter

SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER: XL North, P.O. Box 2682, 63 Water Street, Fall River, MA 02722

Telephone: 888-530-2259 Fax: 508-673-2222

PRODUCT NAME: Enzyme Spotter

PRODUCT TYPE: Enzyme Digester and Deodorizer

SECTION II - HAZARDS IDENTIFICATION

ROUTE OF ENTRY: Eyes; Skin; Inhalation

TARGET ORGANS: Eyes; Skin

INHALATION: Minimal respiratory tract irritation may occur with exposure to a large amount of material.

SKIN CONTACT: May cause irritation.

EYE CONTACT: May cause irritation.

INGESTION: Ingestion is not applicable route of entry for intended use.

HMIS HEALTH: 1

HMIS FLAMMABILITY: 2

HMIS REACTIVITY: 0

HMIS PPE GUIDE: B

This MSDS conforms to the requirements contained in 29CFR1910.1200

HMIS Key: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Insignificant

SECTION III - HAZARDS IDENTIFICATION

CAS #	Percentage	Chemical Name
112-34-5	<42%	Diethylene glycol monobutyl ether

OSHA REGULATORY STATUS: This SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

SECTION IV - FIRST AID MEASURES

INHALATION: If symptoms develop, move victim to fresh air; if symptoms persist, obtain medical attention.

SKIN CONTACT: Wash with soap and water. If irritation persists consult medical personnel.

EYE CONTACT: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention.

INGESTION: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.

SECTION V - FIGHTING MEASURES

FLASH POINT: 100°C/ 212°F

FLASH POINT METHOD: Closed Cup

Wear self-contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Keep away from drains and ground water. Keep all unnecessary personnel away. Spill area may be slippery. Pick up excess with inert absorbent material and place into separate waste container. Ventilate area and wash spill site after material pickup is complete. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

SECTION VII - HANDLING AND STORAGE

HANDLING PRECAUTIONS: Avoid contact with eyes, skin, or clothing; Consider normal working hygiene. Handle with care and avoid spillage on the floor (slippage). Keep away from sources of ignition; wash thoroughly after handling.

STORAGE REQUIREMENTS: Keep away from children. Store in cool/dry area; Keep container closed.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Normal room ventilation is satisfactory for limited use.

PERSONAL PROTECTIVE EQUIP: HMIS PP, B | Safety glasses, Gloves

No OSHA PEL established for listed chemicals

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Cloudy Tan

PHYSICAL STATE: Liquid

ODOR: Spice

SPEC GRAV./DENSITY: 8.37 lb/gal

SOLUBILITY: Soluble

pH: 6.59 as is / 6.0 - 7.0 RTU

SECTION X - STABILITY AND REACTIVITY

STABILITY: Product is stable under normal conditions.

CONDITIONS TO AVOID: None Known

MATERIALS TO AVOID: None known

HAZARDOUS DECOMPOSITION: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION XI - TOXICOLOGICAL INFORMATION

Diethylene glycol butyl ether 112-34-5

ORAL (LD 50): 5660 mg/kg - Rat

INHALATION (LC 50): Not listed on RTECS

SKIN IRRITATION: Moderate

EYE IRRITATION: Severe

SENSITIZATION: Not considered an occupational sensitizer

SECTION XII - ECOLOGICAL INFORMATION

On the basis of available information, this material is not expected to produce any significant environmental effects when recommended use instructions are followed.

SECTION XIII - DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

SECTION XIV - TRANSPORT INFORMATION

Ship in accordance with 49 CFR parts 100-185. Non-hazardous for air, sea and road freight.

SECTION XV REGULATORY INFORMATION

US Federal Regulations:

COMPONENT/ (CAS/PERCENT) / CODES

*Diethylene glycol monobutyl ether (112345 <42%) TSCA, WHMIS

REGULATORY KEY DESCRIPTIONS:

All components are listed on TSCA

WHMIS = Workplace Haz Mat Info Sys Canada

SECTION XVI - OTHER INFORMATION

This information relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of this information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

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