

MATERIAL SAFETY DATA SHEET
COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFT 1910.1200)

SECTION I – PRODUCT IDENTIFICATION

/Product Name: Enzymes 1405
Product Number: #39
Product Type: Opaque white, liquid cleaner.
Supplier's Name: Northland Manufacturing
Supplier's Address: 3485 S. Monroe St./Tallahassee, FL 32031

Date Prepared: 10/10/10
Emergency Phone: (850) 508-6804

MIS Rating
Minimal: 0 Slight: 1
Moderate: 2 Serious: 3
Extreme: 4
HEALTH: 1/FIRE: 1/
REACTIVITY: 0

SECTION II – HAZARDOUS INGREDIENTS

Chemical Name	CAS#	OSHA PEL	TLV (source)
Bacterial Complex	68920-42-3		

SECTION III – PHYSICAL DATA

Boiling Point: 100°	Evaporation Rate (Butyl Acetate = 1): N/A
Ph: 8.2 – 8.8	Melting Point: N/A
Solubility in Water: Complete	Vapor Density (Air = 1): Equivalent to water.
Appearance/Odor: Opaque white liquid, slight lemon odor.	Specific Gravity (H2O = 1): 1.00

SECTION IV – FIRE AND EXPLOSION DATA

Flash Point: None	Flammability Limits: None
Extinguishing Media: Water, Carbon Dioxide, Foam, Dry Chemical	Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: None	

SECTION V – REACTIVITY DATA

Stability: Material stable.	Hazardous Polymerization: Will not occur.
Incompatibility: Strong acids or alkali compound inactivate biological cultures.	Hazardous Decomposition Products: None known.

SECTION VI – STORAGE AND HANDLING

Precautions to be Taken in Handling/Storage: Avoid freezing temperatures.

SECTION VII – HEALTH AND FIRST AID

Eyes: May cause eye irritation. Flush with water for 15 minutes. Contact physician if irritation persists.
Skin: Slight redness on hands and forearms if individual has a history of dermal allergic reaction. Dermatitis and skin sensitization can develop after prolonged contact.
Ingestion: Drink water or milk to dilute. Induce vomiting only if advised by physician. Call poison control center.
Inhalation: If bothersome, remove to fresh air.

SECTION VIII – SPECIAL PROTECTION DATA

Protective Gloves: N/A	Ventilation: Local exhaust.
Eye Protection: Goggles/Face Shield	Other Protective Clothing/Equipment: Eyewash station and safety shower in work area.
Respiratory Protection: N/A	

SECTION IX – SPILL OR LEAK PROTECTION

Steps to be Taken in Case of Spill or Leak: If possible, flush down drain to waste treatment sewer. For small spills, use chemical absorbent and sweep up. For large spills, contain and collect.

Waste Disposal Method: Dispose of waste in accordance with Federal, State and Local requirements.

N/A = NON APPLICABLE N/E = NOT ESTABLISHED N/D = NOT DETERMINED < = LESS THAN > = MORE THAN

NOTICE: The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty (expressed or implied) of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.