

## Material Safety Data Sheet Naturezyme

### Section 1. Chemical Product and Company Identification

<b>Product Name</b>	Naturezyme	
<b>Product Number</b>	NTN NZ	
<b>Manufacturer/ Supplier</b>	NuTech Specialties, Inc. 9811 So. 6150 W. West Jordan, UT 84088	
<b>Phone Number</b>	(801) 253-1000 (Mon-Fri/ 8am- 5pm MT)	
<b>D.O.T. Emergency Phone:</b>	<b>1-800-633-8253</b>	
<b>Date of Preparation</b>	September 25, 2012	<b>Revision Number</b> 1.0

### Section 2. Hazards Identification

**Emergency overview** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

DANGER!

Keep out of reach of children.  
Keep container closed during storage. For institutional and commercial use.

**Potential Acute Health Effects** Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion. Non-corrosive for skin. Non-hazardous in case of inhalation.

**Routes of Entry** Absorbed through skin. Eye contact. Inhalation. Ingestion.

**Eyes** May cause burning and irritation to the eyes if splashed

**Skin** No adverse effects

**Inhalation** No adverse effects

**Ingestion** Can cause gastrointestinal irritation if swallowed

**Medical conditions aggravated by exposure:** There is no known effect from chronic exposure to this product.

**Potential Chronic Health** There is no known effect from chronic exposure to this product.

**Carcinogenic Effects** Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

**Target Organs**

**Environmental Effects**

### Section 3. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC <sub>50</sub> /LD <sub>50</sub>
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### Section 4. First Aid Measures

<b>Eye Contact</b>	In case of contact with eyes, rinse with plenty of water. Follow by an application of a boric acid solution
<b>Skin Contact</b>	Wash with soap and water
<b>Inhalation</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
<b>Ingestion</b>	Have conscious person drink several glasses of water and mild acidic fruit juice. DO NOT induce vomiting. Seek medical attention.
<b>General Advice</b>	In case of Accident or if you feel unwell, seek medical advice immediately (show label or MSDS where possible).
<b>Notes to Physician</b>	

### Section 5. Fire Fighting Measures

<b>Flammability</b>	Not available
<b>Fire Fighting Media and instructions</b>	N/A
<b>Products of Combustion</b>	Not available
<b>Special Remarks on Fire Hazards</b>	N/A
<b>Special Remarks on Explosion Hazards</b>	Not available
<b>Sensitivity to Mechanical Impact</b>	Not available
<b>Sensitivity to Static Discharge</b>	N/A
<b>Protection of Fire Fighters</b>	See special remarks on Fire Hazards

### Section 6. Accidental Release Measures

<b>Personal Precautions</b>	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
<b>Methods for Containment</b>	Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.
<b>Environmental Precautions</b>	Dilute concentration with water and flush to sewer. Empty container may be offered from recycling or sent to an authorized landfill. Product is Bio-degradable and non-toxic

**Methods for Clean Up** Flush all effected surfaces with clear water. Wipe or air dry, Product is non corrosive

### Section 7. Handling and Storage

**Precautions** After handling always wash hands thoroughly with soap and water. Consult with other local authorities for approved method of container disposal. Read label instructions carefully before using.

**Incompatibility** No incompatible product according to our data base

**Storage** Keep out of the reach of children. Not for use or storage in or around the home. Keep container sealed when not in use. Protect product from freezing temperatures. Keep product in original shipping container.

Keep out of reach of children.  
Keep container closed during storage.

### Section 8. Exposure Controls/Personal Protection

#### Engineering Controls

**Personal Protection** Good general ventilation should be sufficient to control airborne levels.

**Eyes** Safety goggles.

**Body** Apron if desired

**Respiratory** None

**Hands** Rubber gloves if desired

#### Protective Clothing (Pictograms)



**Exposure Limits** See Section 2 For Applicable Exposure Limits.

### Section 9. Physical and Chemical Properties

**Physical State and Appearance** Tan Liquid

**Molecular Weight** N/A

**Ph** 7

**Boiling/Condensation Point** 200 F

**Melting/Freezing Point** N/A

**Critical Temperature** N/A

<b>Instability Temperature</b>	N/A
<b>Specific Gravity</b>	(H2O = 1): 1.020
<b>Vapor Pressure</b>	(Non-Aerosols)(mm Hg and Temperature): N/A
<b>Vapor Density</b>	(Air = 1)
<b>Volatility</b>	N/A
<b>VOC</b>	N/A
<b>Evaporation Rate</b>	(H2O = 1): N/A
<b>Dispersion Properties</b>	N/A
<b>Solubility</b>	Complete in water
<b>The Product is:</b>	Neutral Liquid
<b>Auto-ignition Temperature</b>	N/A
<b>Flash Points</b>	N/A
<b>Flammable Limits</b>	N/A
<b>Fire Hazards in Presence Of Various Substances</b>	N/A
<b>Explosion Hazards in Presence of Various Substances</b>	N/A
<b>Odor</b>	Pleasant
<b>Color</b>	Tan

#### Section 10. Stability and Reactivity Data

<b>Stability</b>	The product is stable.
<b>Incompatibility with Various Substance</b>	None
<b>Hazardous Decomposition Products</b>	None

#### Section 11. Toxicological Information

<b>Routes of Entry</b>	Absorbed through skin. Eye contact. Inhalation. Ingestion.
<b>Toxicity to Animals</b>	None
<b>Acute Effects on Humans</b>	
<b>Eyes</b>	May cause burning and irritation to the eyes if splashed
<b>Skin</b>	No adverse effects
<b>Inhalation</b>	No adverse effects
<b>Ingestion</b>	Can cause gastrointestinal irritation if swallowed

<b>Chronic Effects on Humans</b>	There is no known effect from chronic exposure to this product.
<b>Special Remarks on Toxicity to Animals</b>	None
<b>Special Remarks on Chronic Effects on Humans</b>	None

**Section 12. Ecological Information**

<b>Ecotoxicity</b>	Not available
<b>BOD5 and COD</b>	Not available
<b>Products of Biodegradation</b>	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
<b>Toxicity of the Products of Biodegradation</b>	Not available
<b>Special Remarks on the Products of Biodegradation</b>	Not available

**Section 13. Disposal Considerations**

<b>Waste Information</b>	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
<b>Waste Stream</b>	Not available

**Section 14. Transport Information**

<b>DOT (U.S.A.) (Pictograms)</b>	
<b>TDG Classification</b>	Not controlled under TDG (Canada)
<b>PIN UN, Proper Shipping Name, PG</b>	Not applicable
<b>Maritime Transportation</b>	Not available
<b>Special Provisions for Transport</b>	Not available

**Section 15. Regulatory Information and Pictograms**

<b>Regulatory Lists</b>	No products were found
<b>Other Regulations</b>	Not available, or of its ingredients
<b>Other Classifications</b>	<b>HCS (U.S.A.)</b> Not controlled under HCS (United States)
<b>USA Regulatory Lists</b>	This product does NOT contain components that are known to the state of California to Cause Cancer or Reproductive Harm at or above California Prop 65 No Observable Effect Level (NOEL) SARA 302 Extremely Hazardous Substances - Not listed

SARA 311 - 1. Immediate (acute) health hazard  
SARA 313 Toxic Chemical List – Not listed

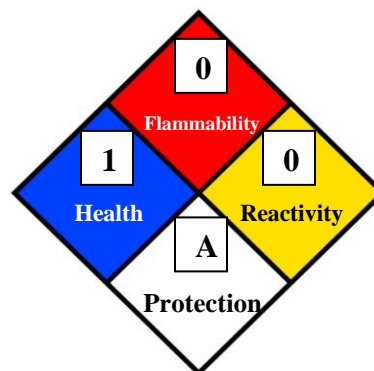
**DSD (EEC)** This product is not classified according to the EU regulations.

**International Regulations Lists** No Products were found.

**Hazardous Material Information System (U.S.A.)**



**National Fire Protection Association (U.S.A.)**



**WHMIS (Classification)** Not controlled under WHMIS (Canada).

The Hazard Ranking systems presented on this MSDS sheet provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.

### Section 16. Other Information

**Expiry Date** 3 (Three Years) from the date of preparation indicated in Section 1.

**Validated by** \_\_\_\_\_ **Verified by** \_\_\_\_\_

**Printed**

**Information Contact**

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**Validated on** \_\_\_\_\_ **NuTech Specialties, Inc.**