

## Material Safety Data Sheet Mr. Bug

### Section 1. Chemical Product and Company Identification

<b>Product Name</b>	Mr. Bug	
<b>Product Number</b>	NTN NB	
<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>	October 19, 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** Eye irritation

**Skin** May cause redness, edema, drying, de-fatting and cracking of the skin

**Inhalation** No adverse effects

**Ingestion** Gastrointestinal irritation

**Medical conditions aggravated by exposure:** Because of its irritating properties, product may aggravate preexisting skin, eye, and respiratory conditions.

**Potential Chronic Health** Skin, Lung (Example: Asthma)

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

**Target Organs** Skin, eyes, gastrointestinal tract and respiratory system.  
This product is a "Hazardous Chemical" as defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200

**Environmental Effects** May cause long-term adverse effects in the aquatic environment. See Section 12 for more information

### Section 3. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC <sub>50</sub> /LD <sub>50</sub>
Disodium Trioxosilicate	6834-92-0	<10%		
Glycol Ether EB	111-76-2	<5%	50	2

### Section 4. First Aid Measures

<b>Eye Contact</b>	Flush with water for 15 minutes
<b>Skin Contact</b>	Flush with water for 15 minutes
<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>	If swallowed, Seek medical attention. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
<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>	Symptoms may not appear immediately.

### Section 5. Fire Fighting Measures

<b>Flammability</b>	Non flammable
<b>Fire Fighting Media and instructions</b>	Not available, treat for surrounding material.
<b>Products of Combustion</b>	May include, and are not limited to: Oxides of potassium.
<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>	Keep upwind of fire. Wear full fire fighting turn-out gear (full bunker gear) and respiratory protection (SCBA)

### 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>	Contain spill and dilute with water. Wash all surfaces with water
<b>Environmental Precautions</b>	This material must be disposed of in accordance with local, state, provincial, and federal regulations. Dilute with large volumes of water and flush to sewer

**Methods for Clean Up** Soak into absorbent material. Spill of this material are a slipping hazard. Thoroughly wash the area with water after a spill or leak.

### Section 7. Handling and Storage

**Precautions** Avoid contact with skin and eyes. DO NOT swallow. DO NOT breathe gas / fumes / vapor / spray. Handle and open container with care. When using do not eat or drink. Wash hands before eating, drinking, or smoking. After handling always wash hands thoroughly with soap and water.

**Incompatibility** Strong Acids

**Storage** Keep out of the reach of children. Not for use or storage in or around the home. Keep container tightly closed, keep contents from freezing.

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 glasses or goggles are recommended

**Body** Wear suitable protective clothing.

**Respiratory** None required

**Hands** Rubber gloves

#### Protective Clothing (Pictograms)



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

### Section 9. Physical and Chemical Properties

**Physical State and Appearance** Yellow/Green Liquid

**Molecular Weight** N/A

**Ph** 13

**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): 1.077
<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>	
<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>	Sassafras
<b>Color</b>	Yellow/Green

### Section 10. Stability and Reactivity Data

<b>Stability</b>	The product is stable.
<b>Incompatibility with Various Substance</b>	Product will be neutralized if contacted with water
<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>	
<b>Acute Effects on Humans</b>	
<b>Eyes</b>	Eye irritation
<b>Skin</b>	May cause redness, edema, drying, de-fatting and cracking of the skin
<b>Inhalation</b>	No adverse effects
<b>Ingestion</b>	Gastrointestinal irritation

**Chronic Effects on Humans** Skin, Lung (Example: Asthma)

**Special Remarks on Toxicity to Animals** Not available

**Special Remarks on Chronic Effects on Humans** Not available

### Section 12. Ecological Information

**Ecotoxicity** Toxic in concentrated form, practically non toxic diluted or neutralized form due to high PH

**BOD5 and COD** Not available

**Products of Biodegradation** Toxic in concentrated form, practically non toxic diluted or neutralized form due to high PH

**Toxicity of the Products of Biodegradation** Not available

**Special Remarks on the Products of Biodegradation** Not available

### Section 13. Disposal Considerations

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

**Waste Stream** Not available

### Section 14. Transport Information

**DOT (U.S.A.) (Pictograms)**

**TDG Classification** Not controlled under TDG (Canada)

**PIN UN, Proper Shipping Name, PG** Not applicable

**Maritime Transportation** Not available

**Special Provisions for Transport** Not available

### Section 15. Regulatory Information and Pictograms

**Regulatory Lists** No products were found.

**Other Regulations** Not available, or of its ingredients

**Other Classifications** **HCS (U.S.A.)** Not controlled under HCS (United States)

**USA Regulatory Lists** 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  
2. Delayed (chronic) health hazard  
SARA 313 Toxic Chemical List – Not listed

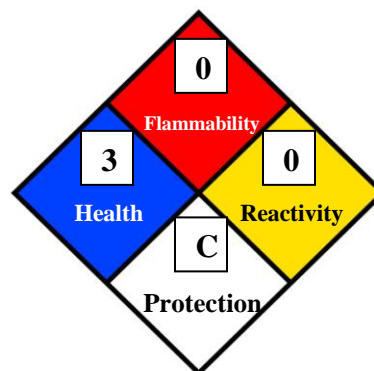
**DSD (EEC)** This product is not classified according to the EU regulations.

**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.**