

## Material Safety Data Sheet Slip 'n Grip

### Section 1. Chemical Product and Company Identification

<b>Product Name</b>	Slip 'n Grip	
<b>Product Number</b>	NTN SNG	
<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>	1-800-633-8253	
<b>Date of Preparation</b>	January, 24 2013	<b>Revision Number</b> 1.0

### Section 2. Hazards Identification

<b>Emergency overview</b>	<b>This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.</b>	
DANGER!		
Keep out of reach of children. Keep container closed during storage. Ensure that eyewash stations and safety showers are proximal to the work-station location. S24/25- Avoid contact with skin and eyes.		
<b>Potential Acute Health Effects</b>	Eye contact can result in corneal damage or blindness. Corrosive to skin and eyes on contact. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath.	
<b>Routes of Entry</b>	Skin contact. Ingestion. Eye Contact.	
<b>Eyes</b>	Not expected to be a primary eye irritant. However minor irritation may be noted following contact.	
<b>Skin</b>	Prolonged or repeated contact may cause skin irritation or may cause the skin to become cracked or dry from the de-fatting action of the material	
<b>Inhalation</b>	Breathing the vapors at concentrations above the exposure standard can cause central nervous system depression	
<b>Ingestion</b>	N/A	
<b>Medical conditions aggravated by exposure:</b>	Prolonged exposure may result in skin burns and ulcerations. Severe over-exposure can produce lung damage, choking, unconsciousness or death.	
<b>Potential Chronic Health</b>	Prolonged exposure may result in skin burns and ulcerations. Severe over-exposure can produce lung damage, choking, unconsciousness or death.	
<b>Carcinogenic Effects</b>	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.	
<b>Target Organs</b>		
<b>Environmental Effects</b>	Not available	

### Section 3. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC <sub>50</sub> /LD <sub>50</sub>
Proprietary polymer and Surfactant Blend				

### Section 4. First Aid Measures

<b>Eye Contact</b>	Flush eyes with running water for at least 15 minutes, keeping eyelids open. If irritation persists call a doctor
<b>Skin Contact</b>	Wash gently and thoroughly with soap and water following skin contact for 15 minutes. Launder contaminated clothing
<b>Inhalation</b>	If there are signs and symptoms, as described in this bulletin, due to breathing this material, Move the person to fresh air. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist.
<b>Ingestion</b>	No effect
<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>	Not available

### Section 5. Fire Fighting Measures

<b>Flammability</b>	No specific information is available in our database regarding the flammability of this product is presence of various materials.
<b>Fire Fighting Media and instructions</b>	Carbon Dioxide, Dry Chemical, Foam or water spray
<b>Products of Combustion</b>	Not available
<b>Special Remarks on Fire Hazards</b>	N/A
<b>Special Remarks on Explosion Hazards</b>	N/A
<b>Sensitivity to Mechanical Impact</b>	N/A
<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>	Face shield. 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.
<b>Environmental Precautions</b>	See <b>Methods for Containment</b>

**Methods for Clean Up**

Precautions if material is spilled or released: eliminate all open flames in vicinity of spill or released vapor. Place contaminated materials in disposable containers and bury in an approved dumping area.

<b>Section 7. Handling and Storage</b>
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**Precautions**

Do not use or store near flame, sparks or hot surfaces. Use only in well ventilated area. Keep container closed. Replace cap or bung. Avoid exposure to high temperatures. Avoid contact with skin and eyes. After handling, always wash hands thoroughly with soap and water.

**Incompatibility**

May react with strong oxidizing materials

**Storage**

Corrosive materials should be stored in a separate safety storage cabinet or room. Keep out of reach of children. For Institutional and Commercial Use

Keep out of reach of children.

Keep container closed during storage. Ensure that eyewash stations and safety showers are proximal to the work station location. S24/25- Avoid contact with skin and eyes.

<b>Section 8. Exposure Controls/Personal Protection</b>
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**Engineering Controls****Personal Protection**

Good general ventilation should be sufficient to control airborne levels.

**Eyes**

Splash goggles or Face Shield.

**Body**

Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits) to avoid exposed skin surfaces.

**Respiratory**

Wear appropriate respirator when ventilation is inadequate.

**Hands**

Neoprene or rubber gloves

**Protective Clothing (Pictograms)****Exposure Limits**

<b>Section 9. Physical and Chemical Properties</b>
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**Physical State and Appearance**

Straw Colored Liquid

**Molecular Weight**

N/A

**Ph**

10

**Boiling/Condensation Point**

N/D

<b>Melting/Freezing Point</b>	N/A
<b>Critical Temperature</b>	N/A
<b>Instability Temperature</b>	N/A
<b>Specific Gravity</b>	(H2O = 1): N/A
<b>Vapor Pressure</b>	(Non-Aerosols)(mm Hg and Temperature): N/A
<b>Vapor Density</b>	(Air = 1): N/D
<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>	Forms emulsion
<b>The Product is:</b>	
<b>Auto-ignition Temperature</b>	N/A
<b>Flash Points</b>	Greater than 212 F (TCC)
<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>	Low odor
<b>Color</b>	Straw colored

#### Section 10. Stability and Reactivity Data

<b>Stability</b>	The product is stable
<b>Incompatibility with Various Substance</b>	Strong Acids
<b>Hazardous Decomposition Products</b>	Normal combustion forms carbon dioxide and water vapor, Incomplete combustion can produce carbon monoxide

#### Section 11. Toxicological Information

<b>Routes of Entry</b>	Skin Contact. Ingestion. Eye Contact
<b>Toxicity to Animals</b>	
<b>Acute Effects on Humans</b>	Acute oral toxicity (LD50): 140 mg/kg {Rat}. (Sodium Hydroxide)
<b>Eyes</b>	Not expected to be a primary eye irritant. However minor irritation may be noted following contact.

<b>Skin</b>	Prolonged or repeated contact may cause skin irritation or may cause the skin to become cracked or dry from the de-fating action of the material
<b>Inhalation</b>	Breathing the vapors at concentrations above the exposure standard can cause central nervous system depression
<b>Ingestion</b>	N/A
<b>Chronic Effects on Humans</b>	Prolonged exposure may result in skin burns and ulcerations. Severe over-exposure can produce lung damage, choking, unconsciousness or death.
<b>Special Remarks on Toxicity to Animals</b>	No additional remark
<b>Special Remarks on Chronic Effects on Humans</b>	No additional remark

### 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>	
<b>PIN UN, Proper Shipping Name, PG</b>	Shipping Name: Corrosive liquids N.O.S. UNNA: 1760 PG: II
<b>Maritime Transportation</b>	Not available
<b>Special Provisions for Transport</b>	Not available

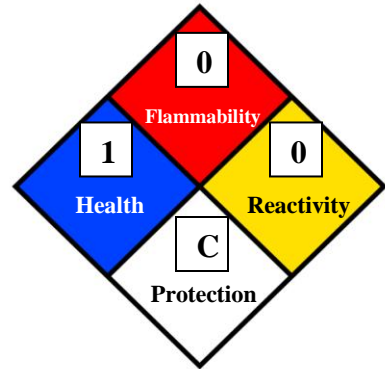
**Section 15. Regulatory Information and Pictograms**

<b>Regulatory Lists</b>	No products were found.	
<b>Other Regulations</b>	OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).	
<b>Other Classifications</b>	<b>HCS (U.S.A.)</b>	HCS Class: Corrosive Liquid. HCS Class: Toxic.
	<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
	<b>DSD (EEC)</b>	R22- Harmful if swallowed. R35- Causes severe burns.
	<b>International Regulations Lists</b>	No Products were found.

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



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



**WHMIS (Classification)** WHMIS CLASS E: Corrosive Liquid. WHMIS CLASS D-1: Material causing immediate and serious toxic effects.

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.**