

Issue Date: 25-May-2018

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Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** Misco TMI32 Nu-Shine

### Other means of identification

**SDS #** Misco-TMI32

### Recommended use of the chemical and restrictions on use

**Recommended Use** High-Gloss Protectant Wipes

**Uses Advised Against** For industrial and institutional use only.

### Details of the supplier of the safety data sheet

#### Supplier Address

Misco Industrial, LLC  
1018 Stearman Drive  
White House, TN 37188

### Emergency Telephone Number

**Company Phone Number** 1-615-334-1861 (to reorder)

**Emergency Telephone (24 hr)** INFOTRAC 1-800-535-5053 (North America)

1-703-741-5500 (International)

## 2. HAZARDS IDENTIFICATION

**Appearance** Pale blue, milky liquid  
towelette

**Physical State** Liquid towelette

**Odor** Lemon

### Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (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.



### Signal Word

**WARNING**

### Hazard Statements

Causes eye irritation. May cause mild skin irritation.

**Precautionary Statements**

Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection and face protection.

**Precautionary Statements-Response**

If on skin: Wash with plenty of soap and water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: get medical attention.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS #	Weight %
Siloxanes and Silicones, Di-me	63148-62-9	*
Tridecyl Alcohol Ethoxylated	24938-91-8	*

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

**4. FIRST-AID MEASURES****First Aid Measures**

<b>Eye Contact</b>	Immediately flush with plenty of cool water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get medical attention, if irritation persists.
<b>Skin Contact</b>	Wash with soap and plenty of water. Remove all contaminated clothing. Get medical attention if irritation develops or persists.
<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
<b>Ingestion</b>	Do not induce vomiting unless instructed to do so by a physician. Call a physician or poison center for medical attention.

**Most important symptoms and effects**

<b>Symptoms</b>	Overexposure to eyes can cause excessive water, redness and stinging. Overexposure to skin may cause itching and redness similar to a rash. Ingestion may cause gastrointestinal irritation, diarrhea, nausea and vomiting.
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**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Alcohol foam. Carbon dioxide. Dry chemical and water spray.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

During fire, gases hazardous to health may be formed. This product contains methypolysiloxane which can generate formaldehyde at 300°F (150°C) and above in atmospheres which contain oxygen.

**Hazardous Combustion Products** When strongly heated, as in a fire, this product may produce oxides of carbon.

**Protective equipment and precautions for firefighters**

Wear self-contained breathing apparatus w/full protective clothing in chemical fires.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

<b>Personal Precautions</b>	Use personal protective equipment as required.
<b>Environmental Precautions</b>	See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

<b>Methods for Containment and methods of clean-up</b>	Prevent further leakage or spillage if safe to do so.  Spills: Liquid product on towelette, pick up using suitable absorbent material and place in a recovery drum.
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**7. HANDLING AND STORAGE****Precautions for safe handling**

<b>Advice on Safe Handling</b>	Handle in accordance with good industrial hygiene and safety practice.
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**Conditions for safe storage, including any incompatibilities**

<b>Storage Conditions</b>	Keep containers tightly closed when not in use. Store in a cool, dry well-ventilated area. This material is freezable as it contains water.
<b>Incompatible Materials</b>	Strong oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines****Appropriate engineering controls**

<b>Engineering Controls</b>	Ensure adequate ventilation especially in confined areas.
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**Individual protection measures, such as personal protective equipment**

<b>Eye Protection</b>	Safety glasses or goggles are recommended.
<b>Skin Protection</b>	Chemical resistant gloves are recommended
<b>Respiratory Protection</b>	Normally not required. Ensure adequate ventilation especially confined spaces.
<b>General Hygiene Considerations</b>	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid towelette
<b>Appearance</b>	Pale blue, milky liquid towelette
<b>Color</b>	Pale blue
<b>Odor</b>	Lemon

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
<b>pH</b>	7.0	
<b>Melting Point/Freezing Point</b>	0°C (32°F)	
<b>Boiling Point/Boiling Range</b>	212°F	
<b>Flash Point</b>	Not determined	
<b>Evaporation Rate</b>	Not determined	
<b>Flammability (Solid, Gas)</b>	Not determined	

<b>Upper Flammability Limits</b>	Not determined	
<b>Lower Flammability Limit</b>	Not determined	
<b>Vapor Pressure</b>	Not determined	
<b>Vapor Density</b>	Heavier than air	
<b>Specific Gravity</b>	0.99	(Water = 1)
<b>Water Solubility</b>	Dispersible	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Auto-ignition Temperature</b>	Not determined	
<b>Decomposition Temperature</b>	Not determined	
<b>Kinematic Viscosity</b>	Not determined	
<b>Dynamic Viscosity</b>	Not determined	
<b>Explosive Properties</b>	Not determined	
<b>Oxidizing Properties</b>	Not determined	
<b>VOC Content</b>	None	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

Under normal conditions of storage and use, hazardous polymerization will not occur.

### Incompatible Materials

Strong oxidizing agents.

### Hazardous Decomposition Products

During fire, this product may produce oxides of carbon and silicone oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Eye Contact** Avoid contact with eyes. Causes eye irritation. May cause serious eye damage.

**Skin Contact** Avoid contact with skin. May cause mild skin irritation.

**Inhalation** No hazards anticipated.

**Ingestion** Do not ingest. May cause an upset stomach.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Siloxanes and Silicones, Di-me 63148-62-9	>17000 mg/kg (Rat)	>5000 mg/kg (Rabbit)	-

### Information on physical, chemical and toxicological effects

**Symptoms** Please see section 4 of this SDS for symptoms.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Carcinogenicity**

Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**Persistence/Degradability**

No information available.

**Bioaccumulation**

No information available.

**Mobility**

No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods****Disposal of Wastes**

Consult local, state and federal regulations before disposing of this material.

**Empty Container**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

**DOT**

Not regulated.

**IATA**

Not regulated.

**IMDG**

Not regulated.

**Marine Pollutant**

No.

## 15. REGULATORY INFORMATION

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory - Listed

**US Federal Regulations****CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

Yes

**Superfund Amendments and Reauthorization Act of 1986**

Acute health hazard	No
Delayed hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive hazard	No

**US State Regulations**

**California Proposition 65**

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations.

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b> Not determined	<b>Flammability</b> Not determined	<b>Instability</b> Not determined	<b>Special Hazards</b> Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b> 1	<b>Flammability</b> 1	<b>Physical Hazards</b> 0	<b>Personal Protection</b> B

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<b>Revision Note:</b>	New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**