

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
109 Space Park N
Goodlettsville, TN 37072**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**

Eye Contact	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.
Skin Contact	Wash with soap and plenty of water. Remove all contaminated clothing. Get medical attention if irritation develops or persists.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
Ingestion	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

Symptoms	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**

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

Methods and material for containment and cleaning up

Methods for Containment and methods of clean-up	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**

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

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

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

Engineering Controls	Ensure adequate ventilation especially in confined areas.
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Individual protection measures, such as personal protective equipment

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

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

Physical State	Liquid towelette
Appearance	Pale blue, milky liquid towelette
Color	Pale blue
Odor	Lemon

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

Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Heavier than air	
Specific Gravity	0.99	(Water = 1)
Water Solubility	Dispersible	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content	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

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

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Revision Note:	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