



5332 Dansher Road  
Countryside, Illinois 60525

## MATERIAL SAFETY DATA SHEET

Revision Date: 11/17/2005

MSDS No: N-869

Emergency Phones: 708-579-8100 (NYCO)

800-424-9300 (CHEMTREC)

PLEASE NOTE: This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this material. Please read the information on these sheets, and then provide this information to those people at your company whose responsibility it is to comply with FEDERAL and STATE RIGHT-TO-KNOW regulations. Also make this information available to any employee who requests it. It is your obligation to comply with these regulations.

### SECTION I - PRODUCT IDENTITY

#### **PRODUCT NAME: SUPERSHINE SS Stainless Steel Polish**

Formula: A blend of mineral seal oil and d-Limonene for polishing and protecting stainless steel.

Chemical Type: See Above.

#### HMIS RATINGS

Health = 1 (Slight)	Flammability = 1 (Slight)
Reactivity = 0 (Minimal)	Protection = B (Safety Glasses, Gloves)

### SECTION II - HAZARDOUS INGREDIENTS

	<u>PERCENT</u>	<u>TLV</u>	<u>CARCINOGEN (OSHA,TP,IARC)</u>
Mineral Seal Oil(CAS No. 64741-44-2)	60-70	5 mg/m3	5 mg/m3
d-Limonene (CAS No. 5989-27-5)	20-30	N/D	N/D

### SECTION III - CHEMICAL AND PHYSICAL

Appearance and Odor: Clear Liquid – Orange Fragrance	Boiling Point: N/A
Evaporation Rate (Ether = 1): <1	Melting Point: N/A
pH: N/A	Spec. Gravity (H <sub>2</sub> O = 1): 0.83
Water Solubility: Negligible	Vapor Density (Air = 1): N/D
Vapor Pressure (psig): 62 @ 130F	Viscosity: Water Thin

### SECTION IV - FIRE AND EXPLOSION HAZARDS

Flash Point (Method): 220F (TCC) (Conc)	Explosion Limits: Upper: 9.5 Lower: 2.2
Extinguishing Media: Carbon Dioxide, foam and/or dry chemical may be used.	
Special Firefighting Procedures and Hazards: Containers should be cooled with water to prevent vapor pressure build up. Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers.	
Unusual Fire and Explosion Hazards:	

### SECTION V - REACTIVITY INFORMATION

Stable:  Unstable:

#### **Precautions:**

Incompatibility: Avoid heat, open flame, strong oxidizing agents and reactive metals

Hazardous Decomposition Products: Carbon Dioxide and Carbon Monoxide

Conditions to Avoid: Keep away from heat, direct sunlight, open flames or sparks.

Hazardous Polymerization: Occurs:

Does Not Occur:

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## SECTION VI - HEALTH HAZARDS - PROTECTIVE MEASURES - FIRST AID

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Signs and Symptoms of Exposure: Eyes: May cause moderate irritation. Skin: May cause allergic reactions and sensitization. May cause mild irritation. Inhalation: Irritating to eyes, nose and respiratory tract. Can cause dizziness, headaches, nausea, vomiting, and stomach upset. Ingestion: Not hazardous in normal industrial use. Can cause dizziness, faintness, headaches, and incoordination.

Medical Conditions Generally Aggravated by Exposure: Preexisting skin or eye disorders may be aggravated by exposure to this product.

Chronic Effects/Target Organs: Nervous System

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.  
Skin: Remove contaminated clothing. Flush skin with water followed by washing with soap and water. If irritation occurs, get medical attention. Do not use clothing until cleaned.  
Eyes: Flush eyes with plenty of water for 15 minutes while holding eye lids wide open. Get medical attention if irritation persists.  
Ingestion: Call physician immediately. Do NOT induce vomiting unless directed by medical personnel. Rinse mouth with water and give another cupful to drink. Never give anything by mouth to an unconscious person.

Most likely routes of entry: Inhalation, eyes, and skin

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## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

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Spills and Leaks: Remove all sources of ignition and ventilate area. Soak up spill with an inert absorbent and place into a designed disposal container. Consult local regulatory agency for proper disposition of material.

Storage and Handling: Avoid breathing vapor. Keep away from heat and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 130F (54C).

Waste Disposal: Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of container in accordance with local, state, and federal regulations.

Empty Containers: Dispose in accordance with local, state, and federal regulations.

Other Precautions: Please read and follow the directions on the product label; They are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect you health.

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## SECTION VIII - REGULATORY INFORMATION

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Respiratory Protection: None required if good ventilation is maintained. If exposure exceeds occupational exposure limits (Sect. II), use a NIOSH approved respirator to prevent overexposure.

Ventilation: General ventilation is adequate under normal conditions. Mechanical ventilation is optional.

Protective Gloves: Chemical resistant gloves are recommended - consult glove manufacturer to determine the proper type for a specific operation.

Eye Protection: Chemical safety glasses are recommended.

Other Protective Clothing or Equipment: Wear impervious clothing to prevent skin contact.

Work/Hygienic Practices: Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and 1910.133.

Reportable for SARA Title III, S.313 (Form R): None

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