

**MATERIAL SAFETY DATA SHEET**

Manufacture's Name: MICHAEL'S OF OREGON CO.  
 Street Address: 2100 S. SILVERSTONE WAY  
 City, State, Zip Code: MERIDIAN, IDAHO 83642  
 Emergency Telephone No.: (208) 362-0793  
 Speak With: SAFETY PERSONNEL

**SECTION 1: IDENTITY**

Product Name: Hoppe's #9 Lubricating Oil  
 Synonyms: Lubricant Oil  
 CAS #: Not Applicable (Mixture)  
 Chemical Family: Blend Petroleum Hydrocarbon  
 Formula: Not Applicable (Mixture)

**SECTION 2: SAFETY AND HAZARD RATINGS**

**RATINGS**

Health (Acute-Chronic):	<u>1-1</u>	Minimal	0
Flammability:	<u>1</u>	Slight	1
Reactivity:	<u>0</u>	Moderate	2
Environment (Air-Water-Soil):	<u>1-1-1</u>	Severe	3
Special Hazards:	<u>None</u>	Extreme	4
Protective Equipment:	<u>General ventilation, eye and hand wash.</u>		

**SECTION 3: EMERGENCY AND FIRST AID PROCEDURES**

**EYES:** Flush eyes with copious amounts of water for at least 15 minutes.  
**SKIN:** Wash with soap and water.  
**INGESTION:** Give large amounts of milk or water. Do not give anything to an unconscious person.  
**INHALATION:** Remove victim to fresh air. If breathing is difficult, give oxygen.

**CALL A PHYSICIAN  
 CONTACT A POISON CONTROL CENTER**

**SECTION 4: HAZARDOUS INGREDIENTS**

**HAZARD DATA**

NAME	CAS#	%	CARCINOGEN			ACGIH TLV	OSHA PEL
			IARC	NTP	OSHA		
White Mineral Oil	8012-95-1	100	No	No	No	5mg/m3	5mg/m3*

\*Oil Mist (mineral)

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**SECTION 5: FIRE AND EXPLOSION HAZARD DATA**

Flash Point °F (COC Cup): 425 (COC)

Hazard Classification: Not Applicable

Auto-ignition Temperature °F: Not Determined

Flammable Limits in Air by Volume: LEL: Not Determined

UEL: Not Determined

Special Fire Fighting Procedures: Use self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion Hazards: Slight fire hazard when exposed to heat, sparks and open flame.

**SECTION 6: REACTIVITY DATA (PHYSICAL HAZARDS)**

Stability:  Stable  Unstable

Incompatibility (Material to Avoid): Extreme heat, sparks, open flame, and oxidizers.

Hazardous Decomposition Products: May give off fumes of carbon monoxide and other asphyxiants.

Hazardous Polymerization:  May Occur  Should Not Occur

**SECTION 7: HEALTH HAZARDS**

Primary Route(s) of Entry: Dermal

Signs and Symptoms of Exposure

a. Overexposure Effects: May cause mild irritation.

b. Chronic Effects: May cause dermatitis in sensitive individuals.

1. Inhalation: None expected to 25 milligrams oil mist per cubic meter of air.

2. Eyes: May cause mild irritation and redness.

3. Skin: Practically non-toxic by skin absorption. No skin effects expected.

4. Ingestion: May cause gastro-intestinal irritation.

5. Medical Conditions Potentially Aggravated By: May cause an allergic reaction in susceptible individuals.

**SECTION 8: SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

Precautions to be taken in Handling/Storage: Keep containers closed when not in use. Do not handle or store near heat, flame, sparks, fire and oxidizers. Store as NFPA Class IIIB.

Hygienic Practices: Wash thoroughly after handling. Use normal hygiene to protect hands, eyes and skin. Use general ventilation to protect your lungs. Do not wear contaminated clothing until thoroughly laundered.

When Material is Released or Spilled: Assure slippery conditions are nullified. Clean up using an oil absorbent. Place in proper container. Flush area with water. Dispose of in accordance with federal, state and local regulations.

Waste Disposal Methods: Assure conformity with applicable disposal regulations. Dispose of absorbed material at approved incineration or chemical landfill waste disposal site

Product Name: Hoppe's #9 Lubricating Oil

**SECTION 9: SPECIAL PROTECTION INFORMATION**

Respiratory Protection: Concentration in air determines the protection required. NIOSH approval required on any respiratory equipment used.

Skin Protection: If contact is unavoidable, wear appropriate oil impervious clothing and gloves.

Eye Protection: Safety goggles.

Other Protective Clothing or Equipment: As needed to prevent repeated/prolonged contact.

**SECTION 10: REGULATORY INFORMATION**

Refer to the following references:

California Proposition 65: Not Applicable

CERCLA: Not Applicable DOT Regulations: Not Applicable

DOT Regulations: Not Applicable

EPCRA: Not Applicable

OSHA Regulations: 29 CFR 1910.132, 1910.133, 1910.134 if respirator is used

SARA Title III: This product is subject to SARA Title III reporting requirements:

Selection 311/312: Immediate Health (irritant)

State Right-To-Know Laws: This substance is found on the Rhode Island state list

**SECTION 11: PHYSICAL DATA**

Appearance: Fluid

Color: Colorless

Odor: Little to no odor

Viscosity CPS @ 25°C: Not Indicated

Boiling Point ° F: ~571

Vapor Density (Air = 1): 8+

Solubility in Water: Insoluble

% Volatile by Volume: Nil

Evaporation Rate (ethyl ether reference): 1000X slower

Date of preparation/Change: May 9, 2003

Revision: 1

Replaces: 0

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