

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 No. 9 Plus
 Synonyms: Blackpowder Solvent and Patch Lubricant
 CAS #: Not Applicable (Mixture)
 Chemical Family: Petroleum Distillate and Water
 Formula: Not Applicable (Mixture)

SECTION 2: SAFETY AND HAZARD RATINGS

RATINGS

Health (Acute-Chronic):	<u>1-1</u>	Minimal	0
Flammability:	<u>0</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, safety goggles, 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: Induce vomiting if large quantities are ingested. Give large amounts of milk or water to dilute. 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		
Water	7732-18-5	70-75	No	No	No	Not Applicable	
Petroleum Distillate	Trade Secret	<15	No	No	No	5mg/m3	5mg/m3
Ethyl Alcohol	64-17-5	<5	No	No	No	1000ppm	1000ppm
Kerosene	8008-20-6	<5	No	No	No	Not Determined	
Trade Secret	Trade Secret	<5	No	No	No	Not Determined	

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SECTION 5: FIRE AND EXPLOSION HAZARD DATA

Flash Point °F (Closed Cup): Nonflammable

Hazard Classification: Not Applicable

Auto-ignition Temperature °F: Not Applicable

Flammable Limits in Air by Volume: LEL: Not Applicable

UEL: Not Applicable

Extinguishing Media: Carbon dioxide, dry chemical or water foam.

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

Unusual Fire and Explosion Hazards: May react with oxidizing materials. Acrid smoke and fumes may be generated as products of combustion.

SECTION 6: REACTIVITY DATA (PHYSICAL HAZARDS)

Stability: Stable Unstable

Incompatibility (Material to Avoid): May react with oxidizing materials.

Hazardous Decomposition Products: When heated to decomposition, may emit acrid smoke and fumes.

Hazardous Polymerization: May Occur Should Not Occur

SECTION 7: HEALTH HAZARDS

Primary Route (s) of Entry: Dermal and Inhalation

Signs and Symptoms of Exposure

a. Overexposure Effects: May cause dizziness and headache. May cause skin and eye irritation.

b. Chronic Effects: May cause dizziness, weakness, headache. May cause skin and eye irritation. May effect liver, kidney or bone marrow.

1. Inhalation: May cause respiratory irritation.

2. Eyes: Possible eye irritation.

3. Skin: May cause skin dryness and irritation.

4. Ingestion: May be harmful or fatal if swallowed. May cause dizziness, headache, weakness and gastro-intestinal irritation. Extreme care must be taken to prevent aspiration.

5. Medical Conditions Potentially Aggravated By: Kidney, liver or blood disorders. Susceptible individuals may have an allergic reaction.

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 or oxidizers.

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. Add sand or dirt. Scoop up and remove. Flush area water. Assure that disposal methods conform to local, state and federal regulations.

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

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SECTION 9: SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use NIOSH approved respirator when high vapor concentrations occur.

Skin Protection: 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: This product is regulated under California Proposition 65

CERCLA: Not Applicable

DOT Regulations: Not Applicable

EPCRA: Components of this product are on the EPCRA list

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:

Section 313: Not reportable under this section

Section 311/312: Immediate Health (irritant) and Chronic Health

State Right-To-Laws: Components of this product are found on the Alaska, California, Florida, Illinois, Kansas, Massachusetts, Minnesota Missouri, New Jersey, North Dakota, Pennsylvania, Rhode Island, Wisconsin and Texas state lists

SECTION 11: PHYSICAL DATA

Appearance: Liquid

Odor: Kerosene-like odor

Color: Milky in appearance

Viscosity CPS @ 25°C: Not Indicated

Boiling Point °F: 218

Vapor Density (Air=1): Not Indicated:

Solubility In Water: Soluble

% Volatile by Volume: Not Indicated

Evaporation Rate: Not Indicated

Date of preparation/Change: May 9, 2003

Revision: 1

Replaces: 0

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