

MATERIAL SAFETY DATA SHEET

Manufacture's Name: MICHAEL'S OF OREGON CO.
 Street Address: 2100 S. Silverstone Way
 City, State, Zip Code: Meridian, Id 83642
 Emergency Telephone No.: (208) 362-0793
 Speak With: Safety Personnel

SECTION 1: IDENTITY

Product Name: Hoppe's #9 Nitro Powder Solvent
 Synonyms: Famous #9 Solvent
 CAS #: Not Applicable (Mixture)
 Chemical Family: Petroleum Distillate
 Formula: Not Applicable (Mixture)

SECTION 2: SAFETY AND HAZARD RATINGS

RATINGS

| | | | |
|-------------------------------|------------------------------------------------------------------|----------|---|
| Health (Acute-Chronic): | <u>1</u> | Minimal | 0 |
| Flammability: | <u>3</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>Explosion-proof, ventilation equipment, 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 thoroughly with soap and water.
 INGESTION: Give large amounts of milk or water to dilute. Do NOT induce vomiting. 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

| ONAME | CAS# | % | CARCINOGEN | | | ACGIH TLV | OSHA PEL |
|----------------------------|--------------|-------|------------|-----|------|----------------|----------|
| | | | IARC | NTP | OSHA | | |
| Ethyl Alcohol | 64-17-5 | <35.0 | No | No | No | 1000 ppm | 1000 ppm |
| Kerosene | 8008-20-6 | <35.0 | No | No | No | Not Determined | |
| Trade Secret Ingredient(s) | Trade Secret | <25.0 | No | No | No | Not Determined | |
| Organic Ester | Trade Secret | <10.0 | No | No | No | 100 ppm | 100 ppm |
| Ammonia, aqueous | 7664-41-7 | <10.0 | No | No | No | 25 ppm | 50 ppm |

Remaining components are not hazardous and specific chemical identities are withheld as a trade secret under the provision of OSHA Hazard Communication Standard (29 CFR 1910.1200).

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SECTION 5: FIRE AND EXPLOSION HAZARD DATA

Flash Point °F (Closed Cup) : 59 (OC)

DOT Hazard Classification: Flammable Liquid

Auto-ignition Temperature °F: Not Reported

Flammable Limits in Air by Volume: LEL: Not Reported

UEL: Not Reported

Extinguishing Media: Carbon dioxide, dry chemical, foam.

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

Unusual Fire and Explosion Hazards: Dangerous when exposed to extreme heat, open flame or powerful oxidizers.

SECTION 6: REACTIVITY DATA (PHYSICAL HAZARDS)

Stability: Stable Unstable

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

Hazardous Decomposition Products: Decomposition emits acrid smoke and fumes.

Hazardous Polymerization: May Occur Should Not Occur

SECTION 7: HEALTH HAZARDS

Primary Route(s) of Entry: Inhalation and Dermal

Signs and Symptoms of Exposure

a. Overexposure Effects: Headache and dizziness. Lung, skin and eye irritation.

b. Chronic Effects: Dizziness, weakness, anemia. Effects liver, kidneys, and bone marrow.

1. Inhalation: Causes nausea, cough, headache, dizziness and lung irritation

2. Eyes: May cause irritation if not removed.

3. Skin: Causes dryness and skin irritation.

4. Ingestion: Harmful or fatal if swallowed. Causes gastro-intestinal irritation, weakness, dizziness, headache, pulmonary irritation. Extreme care must be taken to prevent aspiration.

5. Medical Conditions Potentially Aggravated By: Lung, liver, kidney, bone marrow and skin diseases. 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. Use in a well-ventilated area. Avoid eye and prolonged skin contact. There should be no smoking where this product is handled or stored.

Hygienic Practices: Wash thoroughly after handling. 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. Cover with an absorbent, sweep up and place in a suitable container. Flush area with water. Dispose of in accordance with 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: Explosion-proof, ventilation equipment.

Skin Protection: Wear 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 reportable under this act.

CERCLA: Not Applicable

DOT Regulations: 49 CFR 172.101, 172.102, 173.118, 173.119

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:

Section 313: Ammonia

Section 311/312: Immediate Health (irritant), Chronic Health and Fire Hazard.

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

SECTION 11: PHYSICAL DATA

Appearance: Liquid

Color: Pungent odor

Odor: Amber colored

Viscosity CPS @ 25°C: Not Indicated

Boiling Point °F: 250

Vapor Density (Air = 1): 4.5

Solubility in Water: Not Indicated

% Volatile by Volume: Not Indicated

Evaporation Rate (Ethyl Ether = 1): Not Indicated

Date of preparation/Change: May 9, 2003

Revision: 1

Replace: 0

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