

**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 Benchrest - 9  
 Synonyms: Not Applicable  
 CAS #: Not Applicable (Mixture)  
 Chemical Family: Petroleum Distillate  
 Formula: Not Applicable (Mixture)

**SECTION 2: SAFETY AND HAZARD RATINGS**

**RATINGS**

|                               |   |          |   |
|-------------------------------|---|----------|---|
| Health (Acute-Chronic):       | <u>1 - 2</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: DO NOT INDUCE vomiting. Give large amounts of milk or water to dilute. Never 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 |                |          |
| Ethyl Alcohol    | 64-17-5      | <30.0 | No         | No  | No   | 1000 ppm       | 1000ppm  |
| Kerosene         | 8008-20-6    | <30.0 | No         | No  | No   | Not Determined |          |
| Trade Secret     | 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    | <6.0  | No         | No  | No   | 25 ppm         | 50 ppm   |
| Water            | 7732-18-5    | <5.0  | No         | No  | No   | Not Applicable |          |
| Trade Secret     | Trade Secret | <3.0  | No         | No  | No   | Not Determined |          |

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

Flash Point °F: (Closed Cup) : 55

DOT Hazard Classification: Flammable Liquid

Auto-ignition Temperature °F: Not Determined

Flammable Limits in Air by Volume: LEL: Not Determined

UEL: Not Determined

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 fumes and smoke.

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: Headache and dizziness. Lung, skin and eye irritation.

b. Chronic Effects: May cause allergic reactions in susceptible individuals. 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 : Kidney, liver, lung, 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. You should not smoke in the area where this product is being handled or stored. Use in a well-ventilated area. Avoid eye and prolonged skin contact.

Hygienic Practices: Wash thoroughly after handling. Do not wear contaminated clothing until thoroughly laundered.

When Material is Released or Spilled: 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 : Light amber

Odor : Strong ammonia smell

Viscosity CPS @ 25° C: Not Determined

Boiling Point: °F: 195

Vapor Density (Air = 1) : 4.5

Solubility in Water: Not Determined

% Volatile by Volume: Not Determined

Evaporation Rate : Not Determined

Date of preparation/Change:

May 9, 2003

Revision: 1

Replace: 0

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