

**MATERIAL SAFETY DATA SHEET**

May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200

**U.S. DEPARTMENT OF LABOR**  
Occupational Safety and Health Administration  
(Compiled According to 29 CFR 1910.1200)

**Identity:** **Hoppes Elite Black Powder Cleaner**

**SECTION 1****Manufacturer's Name**

<b>Technology by:</b>	<b>Pantheon Chemical</b> 225 West Deer Valley Road #4 Phoenix, Arizona 85027-2108 Telephone (623) 780-2296 FAX (623) 516-0414 Toll Free: 888-824-2918	<b>Manufactured for:</b>	<b>Michael's of Oregon</b> 1710 Red Soils Court P.O. Box 1690 Oregon City, OR 97045 Telephone (800) 962-5757
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**SECTION 2****Hazardous Ingredients/Identity Information**

The ingredient Diethylene Glycol Monobutyl Ether, <15%, CAS No. 112-34-5 is contained in the formulation and is subject to reporting requirements under SARA Title III Section 313 Part 372. Several scientific studies document the safety of Diethylene Glycol Monobutyl Ether. Pantheon Chemical will furnish these documents upon request. All other ingredients are on the TSCA Inventory.

**NFPA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM:**

Health	1
Flammability	0
Reactivity	0
Contact Hazards	0

**SECTION 3****Physical Data/Chemical Characteristics**

Boiling Point:	219° F (104° C)
Vapor Pressure:	<0.02 mm Hg @ 20° C
Vapor density (AIR=1):	1
Specific Gravity:	1.01
Solubility in Water:	100%
Appearance:	Clear amber liquid
Odor:	Odorless
Biodegradability:	Readily biodegradable
Freeze Point:	18° F (-8° C)
Evaporation Rate (Butyl Acetate = 1):	Less than water
Rinsibility:	No residue or film
Corrosive:	No
pH:	10.8-11.2

**SECTION 4****Fire and Explosion Hazard Data**

Flash Point:	None
Flammable Limits:	None
UEL:	None
Special Fire Fighting Procedures:	Not Applicable
Unusual Fire and Explosion Hazards:	Not Applicable
Extinguishing Media:	Not Applicable

**SECTION 5****Reactivity Data**

Stability:	Stable
Conditions to Avoid:	None
Incompatibility (Materials to Avoid):	None
Hazardous Decomposition or By-Products:	None

**SECTION 6****Health Hazards and First Aid****Effect of Overexposure:**

Skin:	Drying and/or redness may occur with prolonged exposure.
Eyes:	Burning and irritation will occur.
Inhalation:	No fumes. No precautions necessary.

**Emergency and First Aid Procedures**

Skin:	Wash thoroughly with hand soap and rinse with water.
Eyes:	Flush with large amounts of water. If irritation persists, seek medical attention promptly.
Inhalation:	No fumes. No precautions necessary.
Ingestion:	Drink plenty of water or fruit juice. Do not induce vomiting. Seek medical aid.

**SECTION 7****Precautions for Safe Handling and Use**

Spill Response:	Flush with water. Mop up any remainder and dispose of in normal fashion.
Waste Disposal Method:	In accordance with federal, state or local regulations.
Special Storage Data:	Do not store in temperatures below 32° Fahrenheit.
Skin:	Avoid prolonged or repeated skin contact. Wash after handling. Lightweight rubber gloves should be worn when hands are immersed.

**SECTION 8****Control Measures**

Respiratory Protection:	None required. No fumes
Ventilation:	No special requirements necessary.
Eye Protection:	Wear protective goggles or glasses to avoid accidental eye contact.

**SECTION 9****Transportation Information**

DOT Proper Shipping Name:	Not regulated by DOT
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DOT ID Number:	None
EPA Hazardous Substances:	None
Precautionary Labels:	None
DOT Hazardous Class	None
IMO Class:	None
ICAO Class:	None

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