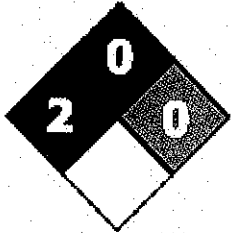



5-7-2015

**MOTHERS**  
 Polishes • Waxes • Cleaners

# Material Safety Data Sheet

Mothers Power Metal Polish

NFPA	HMIS	PPE	Transport Symbol
			

Issuing Date 04-Apr-2007

Revision Date

Revision Number 0

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Mothers Power Metal Polish

**Product Code(s)** 05148

**Supplier Address**  
 MOTHERS POLISHES WAXES  
 CLEANERS  
 5456 Industrial Drive  
 Huntington Beach, CA 92649  
 TEL: 714-891-3364  
 FAX: 714-893-1827

## 2. HAZARDS IDENTIFICATION

### WARNING!

#### Emergency Overview

 Severe eye irritation.  
 May produce an allergic reaction  
 May cause sensitization by skin contact  
 May be harmful if swallowed.  
 May cause drowsiness and dizziness.

**Appearance** White

**Physical State** No information available

**Odor** Pine

### Potential Health Effects

#### Acute Toxicity

**Eyes**  
**Skin**

 Irritating to eyes. May cause burns.  
 Irritating to skin. May cause sensitization by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. Repeated exposure may cause skin dryness or cracking.

**Inhalation**

May be harmful if inhaled. May cause drowsiness and dizziness.

Ingestion	May be harmful if swallowed. Potential for aspiration if swallowed. May cause additional affects as listed under "Inhalation".
Chronic Effects	Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.
Aggravated Medical Conditions	Allergies. Skin disorders. Respiratory disorders. Central nervous system. Preexisting eye disorders. Blood disorders. Kidney disorders. Liver disorders. Overexposure may cause female and male reproductive disorder(s).
Interactions with Other Chemicals	Irritants. Sensitizers. Epoxies. Use of alcoholic beverages may enhance toxic effects.
Environmental Hazard	See Section 12 for additional Ecological information.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Triethanolamine	102-71-6	1-5
Hexylene glycol	107-41-5	0.1-1
2-Butoxyethanol	111-76-2	1-5
Diethylene glycol monoethyl ether	111-90-0	0.1-1
Sodium hydroxide	1310-73-2	0.1-1
5-Chloro-2-methyl-3-isothiazolone	26172-55-4	0.1-1
Solvent naphtha (petroleum), heavy aliphatic	64742-96-7	10-30
Alcohols, C9-11-iso-, C10-rich, ethoxylated	78330-20-8	0.1-1

### 4. FIRST AID MEASURES

General Advice	If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.
Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Call a physician immediately.
Skin Contact	Wash off immediately with soap and plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
Inhalation	Move to fresh air. Consult a physician. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.
Ingestion	Do not induce vomiting. Rinse mouth. Drink plenty of water. If symptoms persist, call a physician. Never give anything by mouth to an unconscious person.
Notes to Physician	May cause sensitization of susceptible persons. Use of epinephrine may be indicated.
Protection of First-aiders	Use personal protective equipment.

### 5. FIRE-FIGHTING MEASURES

Flammable Properties	Not flammable
Flash Point	> 105°C / > 221.3°F

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

**Explosion Data****Sensitivity to mechanical impact**

None

**Sensitivity to static discharge**

None

**Specific Hazards Arising from the Chemical**

Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**NEPA**

Health Hazard 2

Flammability 0

Stability 0

Physical and Chemical Hazards -

**HMIS**

Health Hazard 3\*

Flammability 0

Stability 0

Personal Precautions -

**6. ACCIDENTAL RELEASE MEASURES****Personal Precautions**

Use personal protective equipment. Avoid contact with the skin and the eyes.

**Methods for Containment**

Prevent further leakage or spillage if safe to do so

**Methods for Cleaning Up**

Cover liquid spill with sand, earth or other noncombustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled containers.

**7. HANDLING AND STORAGE****Handling**

Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing vapors or mists.

**Storage**

Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Triethanolamine	TWA: 5 mg/m <sup>3</sup>		
Hexylene glycol	Ceiling: 25 ppm	Ceiling: 25 ppm Ceiling: 125 mg/m <sup>3</sup>	
2-Butoxyethanol	TWA: 20 ppm	TWA: 25 ppm TWA: 120 mg/m <sup>3</sup> Skin TWA: 240 mg/m <sup>3</sup> TWA: 50 ppm	700 ppm
Sodium hydroxide	Ceiling: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>

NIOSH IDLH: Immediately Dangerous to Life or Health

<b>Engineering Measures</b>	Showers Eyewash stations Ventilation systems
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	Tightly fitting safety goggles.
<b>Skin and Body protection</b>	Lightweight protective clothing. Impervious gloves.
<b>Respiratory Protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	White	<b>Odor</b>	Pine
<b>Odor Threshold</b>	No information available	<b>Physical State</b>	No information available
<b>pH</b>	No information available		
<b>Flash Point</b>	> 105°C / > 221.3°F	<b>Autoignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	No data available	<b>Boiling Point/Range</b>	No data available
<b>Melting Point/Range</b>	No data available		
<b>Flammability Limits in Air</b>	No data available	<b>Explosion Limits</b>	No data available
<b>Specific Gravity</b>	No data available	<b>Solubility</b>	No data available
<b>Evaporation Rate</b>	No data available	<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available	<b>VOC Content</b>	<30%
<b>Partition Coefficient (n-octanol/water)</b>	No data available		

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under recommended storage conditions
<b>Conditions to Avoid</b>	None known based on information supplied
<b>Incompatible Products</b>	None known based on information supplied
<b>Hazardous Decomposition Products</b>	None under normal use, Thermal decomposition can lead to release of irritating gases and vapors.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

**Product Information**

No acute toxicity information is available for this product.

**Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Triethanolamine	4190 mg/kg ( Rat )	2000 mg/kg ( Rabbit )	
Hexylene glycol	3692 mg/kg ( Rat )	8560 µL/kg ( Rabbit )	310 mg/m <sup>3</sup> ( Rat ) 1 h
2-Butoxyethanol	470 mg/kg ( Rat )	220 mg/kg ( Rabbit ) 2270 mg/kg ( Rat )	2.21 mg/L ( Rat ) 4 h
Diethylene glycol monoethyl ether	1920 mg/kg ( Rat )	4200 µL/kg ( Rabbit )	
Sodium hydroxide		1350 mg/kg ( Rabbit )	
5-Chloro-2-methyl-3-isothiazolone	481 mg/kg ( Rat )	1008 mg/kg ( Rat )	1.23 mg/L ( Rat ) 4 h
Solvent naphtha (petroleum), heavy aliphatic	5000 mg/kg ( Rat )	2000 mg/kg ( Rabbit )	5.28 mg/L ( Rat ) 4 h

**Subchronic Toxicity (28 days)****Chronic Toxicity****Chronic Toxicity**

Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

**Carcinogenicity**

There are no known carcinogenic chemicals in this product

**Mutagenicity****Reproductive Toxicity**

This product does not contain any known or suspected reproductive hazards

**Target Organ Effects**

Blood, Central nervous system (CNS), Eyes, Hematopoietic System, Kidney, Liver, Respiratory system, Skin.

**Endocrine Disruptor Information**

This product does not contain any known or suspected endocrine disruptors

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Ecotoxicity effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Triethanolamine	EC50 = 169 mg/L 96 h EC50 = 216 mg/L 72 h		EC50 > 10000 mg/L 30 min	EC50 = 1386 mg/L 24 h
Hexylene glycol			EC50 = 3038 mg/L 5 min	EC50 = 3200 mg/L 48 h
2-Butoxyethanol				LC50 1698 - 1940 mg/L 24 h EC50 = 1720 mg/L 24 h
Diethylene glycol monoethyl ether				LC50 3940 - 4670 mg/L 48 h EC50 = 4026 mg/L 48 h
5-Chloro-2-methyl-3-isothiazolone	EC50 = 0.31 mg/L 120 h		EC50 = 5.7 mg/L 16 h	EC50 = 4.71 mg/L 48 h

Chemical Name	Log Pow
Triethanolamine	-2.53
Hexylene glycol	0.14
2-Butoxyethanol	0.81
Diethylene glycol monoethyl ether	-0.8

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Method** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261).

**Contaminated Packaging** Dispose of in accordance with local regulations

This product contains one or more substances that are listed with the State of California as a hazardous waste

Chemical Name	California Hazardous Waste Status
Sodium hydroxide	Toxic; Corrosive

**14. TRANSPORT INFORMATION**

**DOT** Not regulated

**TDG** Not regulated

**MEX** Not regulated

**ICAO** Not regulated

**IATA** Not regulated

**IMDG/IMO** Not regulated

**RID** Not regulated

**ADR** Not regulated

**ADN** Not regulated

**15. REGULATORY INFORMATION****International Inventories**

DSL	Complies
EINECS/ELINCS	Does not Comply
ENCS	Does not Comply
CHINA	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values
2-Butoxyethanol	111-76-2	1-5	1.0
Diethylene glycol monoethyl ether	111-90-0	0.1-1	1.0

**SARA 311/312 Hazard Categories**

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hydroxide	1000 lb			X

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Sodium hydroxide	1000 lb	

**U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Sodium hydroxide	X	X	X		X
2-Butoxyethanol	X	X	X	X	X
Hexylene glycol	X	X	X		X
Diethylene glycol monoethyl ether		X	X	X	

**International Regulations****Mexico - Grade**

Slight risk, Grade 1

Chemical Name	Carcinogen Status	Exposure Limits
Sodium hydroxide		Mexico: Ceiling= 2 mg/m <sup>3</sup>
2-Butoxyethanol		Mexico: TWA= 120 mg/m <sup>3</sup> Mexico: TWA= 26 ppm Mexico: STEL= 360 mg/m <sup>3</sup> Mexico: STEL= 75 ppm
Hexylene glycol		Mexico: Ceiling= 25 ppm Mexico: Ceiling= 125 mg/m <sup>3</sup>

## Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

## WHMIS Hazard Class

D2B Toxic materials



Chemical Name	NPRI
2-Butoxyethanol	X

## Legend

NPRI - National Pollutant Release Inventory

**16. OTHER INFORMATION**

Issuing Date 04-Apr-2007

Revision Date

Revision Note No information available

## Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS