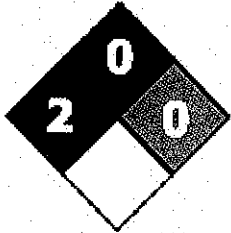


5-7-2015

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 ³		
Hexylene glycol	Ceiling: 25 ppm	Ceiling: 25 ppm Ceiling: 125 mg/m ³	
2-Butoxyethanol	TWA: 20 ppm	TWA: 25 ppm TWA: 120 mg/m ³ Skin TWA: 240 mg/m ³ TWA: 50 ppm	700 ppm
Sodium hydroxide	Ceiling: 2 mg/m ³	Ceiling: 2 mg/m ³ TWA: 2 mg/m ³	10 mg/m ³

NIOSH IDLH: Immediately Dangerous to Life or Health

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

9. PHYSICAL AND CHEMICAL PROPERTIES

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

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions
Conditions to Avoid	None known based on information supplied
Incompatible Products	None known based on information supplied
Hazardous Decomposition Products	None under normal use, Thermal decomposition can lead to release of irritating gases and vapors.
Hazardous Polymerization	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 ³ (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 ³
2-Butoxyethanol		Mexico: TWA= 120 mg/m ³ Mexico: TWA= 26 ppm Mexico: STEL= 360 mg/m ³ Mexico: STEL= 75 ppm
Hexylene glycol		Mexico: Ceiling= 25 ppm Mexico: Ceiling= 125 mg/m ³

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