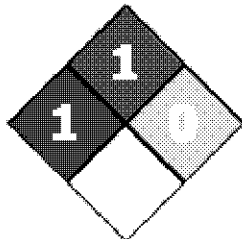


NFPA	HMIS	PPE	Transport Symbol						
	<table><tr><td>Health Hazard</td><td>1</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health Hazard	1	Fire Hazard	0	Reactivity	0		
Health Hazard	1								
Fire Hazard	0								
Reactivity	0								

Issuing Date 04-Apr-2007

Revision Date

Revision Number 0

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Mothers Chrome Polish

**Product Code(s)** 05208, 05202, 05255

**Recommended Use** Car care

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

## 2. HAZARDS IDENTIFICATION

### CAUTION!

**Emergency Overview**  
May cause skin and eye irritation

**Appearance** Light blue

**Physical State** Liquid.

**Odor** Floral

### Potential Health Effects

**Principle Routes of Exposure** Skin contact, Eye contact, Inhalation.

### **Acute Toxicity**

<b>Eyes</b>	May cause irritation.
<b>Skin</b>	May cause irritation.
<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Ingestion</b>	No known effect.

**Chronic Effects** No known effect.

**Aggravated Medical Conditions** None known.

**Environmental Hazard** See Section 12 for additional Ecological information.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
2-Butoxyethanol	111-76-2	0.1-1
Diethylene glycol monoethyl ether	111-90-0	0.1-1
Isopropyl alcohol	67-63-0	0.1-1
Ammonium hydroxide	1336-21-6	0.1-1
5-Chloro-2-methyl-3-isothiazolone	26172-55-4	<0.1

### 4. FIRST AID MEASURES

**Eye Contact** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**Skin Contact** Wash skin with soap and water.

**Inhalation** Move to fresh air.

**Ingestion** Clean mouth with water and afterwards drink plenty of water.

**Notes to Physician** Treat symptomatically.

### 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

**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.

<b>NFPA</b>	<b>Health Hazard 1</b>	<b>Flammability 1</b>	<b>Stability 0</b>	<b>Physical and Chemical Hazards -</b>
<b>HMIS</b>	<b>Health Hazard 1</b>	<b>Flammability 1</b>	<b>Stability 0</b>	<b>Personal Precautions -</b>

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions** Avoid contact with eyes.

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Soak up with inert absorbent material. Keep in suitable and closed containers for disposal.

## 7. HANDLING AND STORAGE

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
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
Isopropyl alcohol	TWA: 200 ppm STEL: 400 ppm	TWA: 980 mg/m <sup>3</sup> TWA: 400 ppm STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup> TWA: 980 mg/m <sup>3</sup>	2000 ppm

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

### Personal Protective Equipment

#### Eye/Face Protection

No special protective equipment required.

#### Skin and Body protection

No special protective equipment required.

#### Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Light blue	<b>Odor</b>	Floral
<b>Odor Threshold</b>	No information available	<b>Physical State</b>	Liquid
<b>pH</b>	9.0-10.0		

<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>	100°C / 212°F
<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>	1.020-1.070	<b>Water Solubility</b>	Soluble in water
<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>	3%	<b>Viscosity</b>	1500-3000 cps
<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>	Do not freeze.
<b>Incompatible Products</b>	None known.
<b>Hazardous Decomposition Products</b>	None known.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known or supplied information.
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Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
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 )	
Isopropyl alcohol	4396 mg/kg ( Rat )	12800 mg/kg ( Rabbit ) 12800 mg/kg ( Rat )	72.6 mg/L ( Rat ) 4 h
Ammonium hydroxide	350 mg/kg ( Rat )		
5-Chloro-2-methyl-3-isothiazolone	481 mg/kg ( Rat )	1008 mg/kg ( Rat )	1.23 mg/L ( Rat ) 4 h

### Subchronic Toxicity (28 days)

### Chronic Toxicity

<b>Chronic Toxicity</b>	No known effect.
<b>Carcinogenicity</b>	There are no known carcinogenic chemicals in this product.

### Mutagenicity

<b>Reproductive Toxicity</b>	This product does not contain any known or suspected reproductive hazards.
<b>Target Organ Effects</b>	Eyes, Respiratory system, Skin.
<b>Endocrine Disruptor Information</b>	This product does not contain any known or suspected endocrine disruptors.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
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
Isopropyl alcohol	EC50 > 1000 mg/L 72 h EC50 > 1000 mg/L 96 h		EC50 = 35390 mg/L 5 min	EC50 = 13299 mg/L 48 h
Ammonium hydroxide				EC50 = 0.66 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
2-Butoxyethanol	0.81
Diethylene glycol monoethyl ether	-0.8
Isopropyl alcohol	0.05

## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal Method</b>	This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.
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<b>Contaminated Packaging</b>	Dispose of in accordance with local regulations
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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
Isopropyl alcohol	Toxic, Ignitable
Ammonium hydroxide	Toxic; Corrosive

## 14. TRANSPORT INFORMATION

<b>DOT</b>	Not regulated
<b>TDG</b>	Not regulated
<b>MEX</b>	Not regulated
<b>ICAO</b>	Not regulated

## 14. TRANSPORT INFORMATION

<b>IATA</b>	Not regulated
<b>IMDG/IMO</b>	Not regulated
<b>RID</b>	Not regulated
<b>ADR</b>	Not regulated
<b>ADN</b>	Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

<b>TSCA</b>	Complies
<b>DSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Does not Comply
<b>CHINA</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	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	0.1-1	1.0
Diethylene glycol monoethyl ether	111-90-0	0.1-1	1.0
Isopropyl alcohol	67-63-0	0.1-1	1.0
Ammonium hydroxide	1336-21-6	0.1-1	1.0

### SARA 311/312 Hazard Categories

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	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
Ammonium 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
Ammonium 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
2-Butoxyethanol	X	X	X	X	X
Diethylene glycol monoethyl ether		X	X	X	
Isopropyl alcohol	X	X	X		X

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

Slight risk, Grade 1

Chemical Name	Carcinogen Status	Exposure Limits
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
Isopropyl alcohol		Mexico: TWA= 980 mg/m <sup>3</sup> Mexico: TWA= 400 ppm Mexico: STEL= 1225 mg/m <sup>3</sup> Mexico: STEL= 500 ppm

**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**

Non-controlled

Chemical Name	NPRI
2-Butoxyethanol	X
Isopropyl alcohol	X

**Legend**

NPRI - National Pollutant Release Inventory

**16. OTHER INFORMATION****Issuing Date**

04-Apr-2007

**Revision Date****Revision Note**

No information available

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**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**