# Material Safety Data Sheet

**Issuing Date** 30-Sep-2011 **Revision Date** **Revision Number** 0

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** **Mothers California Gold Chrome Polish**

**Product Code(s)** **05212**

**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

**Emergency Telephone Number** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

**CAUTION!**

### Emergency Overview

May cause skin and eye irritation

**Appearance** Blue **Physical State** Liquid. **Odor** Perfume

**Potential Health Effects**
**Principle Routes of Exposure** Skin contact. Eye contact. Inhalation.

**Acute Toxicity**
**Eyes** May cause irritation.
**Skin** May cause irritation.
**Inhalation** May cause irritation of respiratory tract.
**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Chronic Effects** No known effect based on information supplied.

**Aggravated Medical Conditions** No information available.

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

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS-No | Weight % |
|---|---|---|
| Silica, amorphous, diatomaceous earth | 68855-54-9 | 5-10 |
| Isopropyl alcohol | 67-63-0 | 1-5 |
| 2-Butoxyethanol | 111-76-2 | 1-5 |
| Propylene glycol propyl ether | 1569-01-3 | 1-5 |
| Diethylene glycol monoethyl ether | 111-90-0 | 1-5 |

## 4. FIRST AID MEASURES

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

**Skin Contact** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

**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 determined for mixture.

**Flash Point** No data available.
**Flashpoint Method** None known.

**Suitable Extinguishing Media** $CO_2$, dry chemical, dry sand, alcohol-resistant foam.

**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.

| | | | | |
|---|---|---|---|---|
| **NFPA** | **Health Hazard** 1 | **Flammability** 1 | **Instability** 0 | **Physical and Chemical Hazards** N/A |
| **HMIS** | **Health Hazard** 1 | **Flammability** 1 | **Physical Hazard** 0 | **Personal Protection** B |

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions** If spilled, take caution, as material can cause surfaces to become very slippery.

**Environmental Precautions** Prevent further leakage or spillage if safe to do so.

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

**Methods for Cleaning Up** Dam up. Soak up with inert absorbent material. Keep in suitable and closed containers for disposal. Clean contaminated surface thoroughly.

## 7. HANDLING AND STORAGE

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

**Storage** Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines**

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|---|---|---|
| 2-Butoxyethanol<br>111-76-2 | TWA: 20 ppm | TWA: 50 ppm<br>TWA: 240 mg/m$^3$<br>(vacated) TWA: 25 ppm<br>(vacated) TWA: 120 mg/m$^3$<br>(vacated) S* | IDLH: 700 ppm<br>TWA: 5 ppm<br>TWA: 24 mg/m$^3$ |
| Isopropyl alcohol<br>67-63-0 | STEL: 400 ppm<br>TWA: 200 ppm | TWA: 400 ppm<br>TWA: 980 mg/m$^3$<br>(vacated) TWA: 400 ppm<br>(vacated) TWA: 980 mg/m$^3$<br>(vacated) STEL: 500 ppm<br>(vacated) STEL: 1225 mg/m$^3$ | IDLH: 2000 ppm 10% LEL<br>TWA: 980 mg/m$^3$<br>TWA: 400 ppm<br>STEL: 500 ppm<br>STEL: 1225 mg/m$^3$ |

*Immediately Dangerous to Life or Health.*

**Engineering Measures** Showers
Eyewash stations
Ventilation systems

**Personal Protective Equipment**

**Eye/Face Protection** If splashes are likely to occur, wear: Safety glasses with side-shields.
**Skin and Body Protection** Protective 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** | Blue. | **Odor** | Perfume. |
| **Odor Threshold** | No information available. | **Physical State** | Liquid. |
| **pH** | 9.00 | | |
| **Flash Point** | No data available. | **Flashpoint Method** | None known. |
| **Autoignition Temperature** | No data available. | **Decomposition Temperature** | No data available. |
| **Boiling Point/Boiling Range** | No information available. | **Melting Point/Range** | No information available. |
| **Flammability Limits in Air** | No information available. | **Explosion Limits** | No information available. |
| **Water Solubility** | No data available. | **Solubility** | No information available. |
| **Evaporation Rate** | No information available. | **Vapor Pressure** | No data available. |
| **Vapor Density** | No data available. | **Explosive Properties** | No information available. |
| **Oxidizing Properties** | No information available. | **VOC Content (%)** | <30% |
| **Viscosity** | 3200 cps | | |

## 10. STABILITY AND REACTIVITY

**Stability** Stable under recommended storage conditions.

**Incompatible Products** None known.

**Conditions to Avoid** Do not freeze.

**Hazardous Decomposition Products** None known based on information supplied.

**Hazardous Polymerization** Hazardous polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

**Product Information**

**Inhalation** No known effect. Avoid breathing vapors or mists.

**Eye Contact** May cause irritation.

**Skin Contact** No known effect.

**Ingestion** No known effect.

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|---|---|---|---|
| Water | 90 mL/kg ( Rat ) | - | - |
| 2-Butoxyethanol | = 470 mg/kg ( Rat ) | = 400 mg/kg ( Rabbit )<br>= 2270 mg/kg ( Rat ) | = 2.21 mg/L ( Rat ) 4 h<br>= 450 ppm ( Rat ) 4 h |
| Isopropyl alcohol | = 4396 mg/kg ( Rat ) | 12800 mg/kg ( Rat )<br>12870 mg/kg ( Rabbit ) | 72.6 mg/L ( Rat ) 4 h |
| Propylene glycol propyl ether | = 2504 mg/kg ( Rat ) | = 3550 mg/kg ( Rabbit ) | |
| Diethylene glycol monoethyl ether | = 1920 mg/kg ( Rat ) | = 6 mL/kg ( Rat )<br>= 4200 µL/kg ( Rabbit ) | > 5240 mg/m$^3$( Rat ) 4 h |

### Chronic Toxicity

**Carcinogenicity** Occupational health effects due to inhalation of mineral dusts incorporating crystalline silica (quartz, cristobalite, tridymite), crystalline silicates (kaolin, talc) graphite or coal unlikely to occur from exposure to this product.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|---|---|---|---|---|
| Silica, amorphous, diatomaceous earth | | Group 3 | | |
| Isopropyl alcohol | | Group 3 | | |
| 2-Butoxyethanol | A3 | Group 3 | | |

**ACGIH: (American Conference of Governmental Industrial Hygienists)**
A3 - Animal Carcinogen
**IARC: (International Agency for Research on Cancer)**
Group 3: Not Classifiable as to its Carcinogenicity to Humans

**Reproductive Toxicity** This product does not contain any known or suspected reproductive hazards.

**Target Organ Effects** Respiratory system. Central nervous system (CNS). Eyes.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

| Chemical Name | Toxicity to Algae | Toxicity to Fish | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|---|---|---|---|---|
| Isopropyl alcohol | EC50 72 h: > 1000 mg/L (Desmodesmus subspicatus) EC50 96 h: > 1000 mg/L (Desmodesmus subspicatus) | LC50 96 h: = 11130 mg/L static (Pimephales promelas) LC50 96 h: = 9640 mg/L flow-through (Pimephales promelas) LC50 96 h: > 1400000 µg/L (Lepomis macrochirus) | | EC50 48 h: = 13299 mg/L (Daphnia magna) |
| 2-Butoxyethanol | | LC50 96 h: = 1490 mg/L static (Lepomis macrochirus) LC50 96 h: = 2950 mg/L (Lepomis macrochirus) | | EC50 24 h: 1698 - 1940 mg/L (Daphnia magna) EC50 48 h: > 1000 mg/L (Daphnia magna) |
| Diethylene glycol monoethyl ether | | LC50 96 h: 11400-15700 mg/L flow-through (Oncorhynchus mykiss) LC50 96 h: 11600-16700 mg/L flow-through (Pimephales promelas) LC50 96 h: 19100-23900 mg/L flow-through (Lepomis macrochirus) LC50 96 h: = 10000 mg/L static (Lepomis macrochirus) LC50 96 h: = 13400 mg/L flow-through (Salmo gairdneri) | | EC50 48 h: 3940 - 4670 mg/L (Daphnia magna) |

| Chemical Name | Log Pow |
|---|---|
| Isopropyl alcohol | 0.05 |
| 2-Butoxyethanol | 0.81 |
| Diethylene glycol monoethyl ether | -0.8 |

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods** Dispose of in accordance with local regulations. Should not be released into the environment.

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

**California Hazardous Waste Codes** 331

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

| Chemical Name | California Hazardous Waste |
|---|---|
| Isopropyl alcohol | Toxic<br>Ignitable |

## 14. TRANSPORT INFORMATION

**DOT** Not regulated.

**TDG** Not regulated.

**MEX** Not regulated.

**ICAO** Not regulated.

**IATA** Not regulated.

**IMDG/IMO** Not regulated.

**ADR** Not regulated.

**ADN** Not regulated.

## 15. REGULATORY INFORMATION

### International Inventories

| | |
|---|---|
| **TSCA** | Complies |
| **EINECS** | Complies |
| **ELINCS** | Complies |
| **ENCS** | Complies |
| **IECSC** | Complies |
| **KECL** | Complies |
| **PICCS** | Complies |
| **AICS** | Complies |

### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

### U.S. Federal Regulations

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 |

**SARA 311/312 Hazard Categories**

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

**Clean Water Act**
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

## 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 | New Jersey | Massachusetts | Pennsylvania | Illinois | Rhode Island |
|---|---|---|---|---|---|
| 2-Butoxyethanol | X | X | X | X | X |
| Isopropyl alcohol | X | X | X | | X |
| Silica, amorphous, diatomaceous earth | | | X | | |
| Diethylene glycol monoethyl ether | | | X | X | |

## International Regulations

**Mexico - Grade** Slight risk, Grade 1

| Chemical Name | Carcinogen Status | Exposure Limits |
|---|---|---|
| 2-Butoxyethanol | | Mexico: TWA 26 ppm<br>Mexico: TWA 120 mg/m$^3$<br>Mexico: STEL 75 ppm<br>Mexico: STEL 360 mg/m$^3$ |
| Isopropyl alcohol | | Mexico: TWA 400 ppm<br>Mexico: TWA 980 mg/m$^3$<br>Mexico: STEL 500 ppm<br>Mexico: STEL 1225 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 |
| Isopropyl alcohol | X |

**Legend**
NPRI - National Pollutant Release Inventory

## 16. OTHER INFORMATION

| | |
|---|---|
| **Prepared By** | Product Stewardship<br>23 British American Blvd.<br>Latham, NY 12110<br>1-800-572-6501 |
| **Issuing Date** | 30-Sep-2011 |
| **Revision Date** | |
| **Revision Note** | Initial Release. |

**General 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 Safety Data Sheet**