1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDEARTAKING

GHS product identifier

Product Name  Mothers California Gold Synthetic Wax

Other means of identification

Product Code(s)  05712, 05715, 05716, 35716

Synonyms  None

Recommended use of the chemical and restrictions on use

Recommended Use  Car care

Uses advised against  No information available

Supplier's details

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

Emergency telephone number

Emergency Telephone Number  Chemtrec Phone: 1-800-424-9300 (within the U.S.) or +1 703-527-3887 (outside the U.S.)

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

| Skin Sensitization | Category 1 |
| Reproductive Toxicity | Category 2 |

GHS Label elements, including precautionary statements

Emergency Overview

Signal Word  Warning

Hazard Statements
- May cause an allergic skin reaction
- Suspected of damaging fertility or the unborn child
Precautionary Statements
Prevention
• Avoid breathing dust/fume/gas/mist/vapors/spray.
• Contaminated work clothing should not be allowed out of the workplace.
• Wear protective gloves.
• Obtain special instructions before use.
• Do not handle until all safety precautions have been read and understood.
• Use personal protective equipment as required.

General Advice
• Specific treatment (see supplemental first aid instructions on this label)
• If exposed or concerned: Get medical attention/advice

Skin
• IF ON SKIN: Wash with plenty of soap and water.
• If skin irritation or rash occurs: Get medical advice/attention.
• Wash contaminated clothing before reuse.

Storage
• Store locked up.

Disposal
• Dispose of contents/container to an approved waste disposal plant.

Hazard Not Otherwise Classified (HNOC)
Not applicable

Other information
Harmful to aquatic life Harmful to aquatic life with long lasting effects

11.824732% of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>Trade secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naphtha (petroleum), heavy alkylate</td>
<td>64741-65-7</td>
<td>10 - &lt;30%</td>
<td>*</td>
</tr>
<tr>
<td>Calcined kaolin clay</td>
<td>66402-68-4</td>
<td>10 - &lt;30%</td>
<td>*</td>
</tr>
<tr>
<td>Paraffinic, naphthenic solvent</td>
<td>64742-47-8</td>
<td>&lt;10%</td>
<td>*</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>67-63-0</td>
<td>&lt;10%</td>
<td>*</td>
</tr>
<tr>
<td>D-Limonene</td>
<td>5989-27-5</td>
<td>&lt;10%</td>
<td>*</td>
</tr>
<tr>
<td>Oleamide dea</td>
<td>93-83-4</td>
<td>&lt;10%</td>
<td>*</td>
</tr>
<tr>
<td>Octamethylcyclotetrasiloxane</td>
<td>556-67-2</td>
<td>&lt;10%</td>
<td>*</td>
</tr>
</tbody>
</table>

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of necessary first-aid measures
Eye Contact  Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

Skin Contact  Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician. May cause an allergic skin reaction.

Inhalation  Move to fresh air.

Ingestion  Do NOT induce vomiting. Clean mouth with water and afterwards drink plenty of water.

**Most important symptoms/effects, acute and delayed**

**Most Important Symptoms/Effects**  May cause allergic skin reaction.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to Physician**  Treat symptomatically.

---

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**  Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**  No information available.

**Specific Hazards Arising from the Chemical**  No information available.

**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.

---

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions**  Avoid contact with eyes. Ensure trained personnel conduct clean up. Refer to Section 8 for personal protective equipment.

**Environmental Precautions**

**Environmental Precautions**  Prevent product from entering drains. Avoid release to the environment. See Section 12 for additional Ecological Information.

**Methods and materials for containment and cleaning up**

**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. Clean contaminated surface thoroughly. Keep in suitable and closed containers for disposal.

---

### 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Handling**  Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.
Conditions for safe storage, including any incompatibilities

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

Incompatible Products
None known based on information supplied.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcined kaolin clay 66402-68-4</td>
<td>STEL: 10 mg/m³ Zr TWA: 5 mg/m³ Zr TWA: 0.2 mg/m³ Mn</td>
<td>TWA: 5 mg/m³ Zr (vacated) TWA: 5 mg/m³ Zr (vacated) STEL: 10 mg/m³ Zr</td>
<td>TWA: 5 mg/m³ respirable dust TWA: 10 mg/m³ total dust</td>
</tr>
<tr>
<td>Isopropyl alcohol 67-63-0</td>
<td>STEL: 400 ppm TWA: 200 ppm</td>
<td>TWA: 400 ppm TWA: 980 mg/m³ (vacated) TWA: 400 ppm (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m³</td>
<td>IDLH: 2000 ppm 10% LEL TWA: 980 mg/m³ TWA: 400 ppm STEL: 500 ppm STEL: 1225 mg/m³</td>
</tr>
</tbody>
</table>

Appropriate engineering controls

Engineering Measures
Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection
Safety glasses with side-shields.

Skin and Body Protection
Lightweight protective clothing. 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

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Odor</th>
<th>Appearance</th>
<th>Odor Threshold</th>
<th>Remarks/ - Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>Perfume</td>
<td>Orange</td>
<td>Orange</td>
<td>None known</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks/ - Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>8.0</td>
<td>None known</td>
</tr>
<tr>
<td>Melting Point/Range</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>102 °C</td>
<td>None known</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt; 105 °C / &gt; 221.3 °F</td>
<td>None known</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>upper flammability limit</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>lower flammability limit</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Viscosity</td>
<td>4000 cps</td>
<td>None known</td>
</tr>
</tbody>
</table>

Flammable Properties
Not flammable
10. STABILITY AND REACTIVITY

Reactivity
No data available.

Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions
None under normal processing.

Hazardous Polymerization
Hazardous polymerization does not occur.

Conditions to avoid
None known based on information supplied.

Incompatible materials
None known based on information supplied.

Hazardous decomposition products
None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation
Avoid breathing vapors or mists. No known effect.

Eye Contact
Contact with eyes may cause irritation.

Skin Contact
Prolonged contact may cause redness and irritation. May cause allergic skin reaction

Ingestion
No known effect.

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naphtha (petroleum), heavy alkylate</td>
<td>&gt; 7000 mg/kg (Rat)</td>
<td>&gt; 3000 mg/kg (Rat)</td>
<td>&gt; 5.04 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>Paraffinic, naphthenic solvent</td>
<td>&gt; 5000 mg/kg (Rat)</td>
<td>&gt; 2000 mg/kg (Rabbit)</td>
<td>&gt; 5.2 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>= 4396 mg/kg (Rat)</td>
<td>12800 mg/kg (Rat)</td>
<td>72.6 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>Oleamide dea</td>
<td>= 12400 µL/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Octamethylcyclotetrasiloxane</td>
<td>= 1540 mg/kg (Rat)</td>
<td>&gt; 2400 mg/kg (Rat)</td>
<td>&gt; 12.7 mg/kg (Rat) 4 h &gt; 17.6 mg/L (Rat) 1 h</td>
</tr>
</tbody>
</table>

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms
No information available.
Delayed and immediate effects and also chronic effects from short and long term exposure

Sensitization
May cause sensitization of susceptible persons. May cause sensitization by skin contact.

Mutagenic Effects
No information available.

Carcinogenicity
The table below indicates whether each agency has listed any ingredient as a carcinogen.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcined kaolin clay</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td></td>
<td>Group 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D-Limonene</td>
<td></td>
<td>Group 3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

IARC: (International Agency for Research on Cancer)
Group 3 - Not Classifiable as to its Carcinogenicity to Humans

OSHA: (Occupational Safety & Health Administration)
X - Present

Reproductive Toxicity
Contains a known or suspected reproductive toxin. May damage fertility or the unborn child

STOT - single exposure
No information available.

STOT - repeated exposure
No information available.

Chronic Toxicity
Repeated contact may cause allergic reactions in very susceptible persons.

Target Organ Effects
Respiratory system. Eyes. Skin.

Aspiration Hazard
No information available.

Numerical measures of toxicity - Product

Acute Toxicity
11.824732% of the mixture consists of ingredient(s) of unknown toxicity.
The following values are calculated based on chapter 3.1 of the GHS document:
LD50 Oral 120753 mg/kg; Acute toxicity estimate
LD50 Dermal 8648 mg/kg; Acute toxicity estimate
Inhalation

dust/mist 40.6 mg/L; Acute toxicity estimate mg/L

12. ECOLOGICAL INFORMATION

Ecotoxicity
Harmful to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Toxicity to Microorganisms</th>
<th>Daphnia Magna (Water Flea)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naphtha (petroleum), heavy alkylate  64741-65-7</td>
<td>EC50 72 h: = 30000 mg/L (Pseudokirchneriella subcapitata)</td>
<td>LC50: 45 mg/L. Pimephales promelas 96 h flow-through</td>
<td>LC50 48 h: = 2 mg/L (Mysidopsis bahia)</td>
<td></td>
</tr>
<tr>
<td>Paraffinic, naphthenic solvent  64742-47-8</td>
<td>LC50: 2.2 mg/L Lepomis macrochirus 96 h static</td>
<td>LC50: 2.4 mg/L Oncorhynchus mykiss 96 h static</td>
<td>LC50 96 h: = 4720 mg/L (Dendronereides heteropoda)</td>
<td></td>
</tr>
<tr>
<td>Isopropyl alcohol  67-63-0</td>
<td>EC50 96 h: &gt; 1000 mg/L (Desmodesmus subspicatus) EC50 72 h: &gt; 1000 mg/L (Desmodesmus subspicatus)</td>
<td>LC50 98 h: = 11130 mg/L (Pimephales promelas)</td>
<td>EC50 48 h: = 13299 mg/L (Daphnia magna)</td>
<td></td>
</tr>
<tr>
<td>D-Limonene  5989-27-5</td>
<td>LC50 96 h: = 0.619 - 0.796 mg/L flow-through (Pimephales promelas) LC50 96 h: = 35 mg/L (Oncorhynchus mykiss)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Persistence and Degradability
No information available.

Bioaccumulation

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>0.05</td>
</tr>
<tr>
<td>Octamethylcyclotetrasiloxane</td>
<td>5.1</td>
</tr>
</tbody>
</table>

Other Adverse Effects
No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods
Dispose of in accordance with federal, state, and local regulations

Contaminated Packaging
Dispose of in accordance with local regulations.

California Hazardous Waste Codes 331

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

<table>
<thead>
<tr>
<th>Source</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td>Complies</td>
</tr>
<tr>
<td>EINECS</td>
<td>Complies</td>
</tr>
<tr>
<td>ELINCS</td>
<td>Complies</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcined kaolin clay</td>
<td>66402-68-4</td>
<td>10-25</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories
Acute Health Hazard Yes
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):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcined kaolin clay</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 contains the following Proposition 65 chemicals:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>California Prop. 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethanolamine</td>
<td>111-42-2</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>Methyl alcohol</td>
<td>67-56-1</td>
<td>Developmental</td>
</tr>
</tbody>
</table>

U.S. State Right-to-Know Regulations

"X" designates that the ingredients are listed on the state right to know list.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
<th>Illinois</th>
<th>Rhode Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcined kaolin clay</td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>D-Limonene</td>
<td>X</td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

U.S. EPA Label Information
EPA Pesticide Registration Number  Not applicable

16. OTHER INFORMATION

NFPA
Health Hazard 2  Flammability 1  Instability 0  Physical and Chemical Hazards N/A

HMIS
Health Hazard 2*  Flammability 1  Physical Hazard 0  Personal Protection B

*Indicates a chronic health hazard.

Prepared By  Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

Issuing Date  28-Oct-2009
Revision Date  21-Jul-2015
Revision Note  Update to Format.

General Disclaimer
The information provided on this SDS 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