### Section 1. Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>Common Name/Trade Name</th>
<th>Catalog Number(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cetyl Myristoleate</td>
<td>C1917</td>
</tr>
</tbody>
</table>

#### Manufacturer

SPECTRUM QUALITY PRODUCTS INC.
14422 S. SAN PEDRO STREET
GARDENA, CA 90248

#### Commercial Name(s)

Not available.

#### Synonym

Not available.

#### Chemical Name

Cetyl Myristoleate

#### Chemical Family

Not available.

#### Chemical Formula

Not applicable.

#### Supplier

SPECTRUM QUALITY PRODUCTS INC.
14422 S. SAN PEDRO STREET
GARDENA, CA 90248

### Section 2. Composition and Information on Ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS #</th>
<th>TWA (mg/m³)</th>
<th>STEL (mg/m³)</th>
<th>CEIL (mg/m³)</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Cetyl Myristoleate Fatty Acid Mix</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2) Calcium phosphate tribasic</td>
<td>7758-87-4</td>
<td></td>
<td></td>
<td></td>
<td>48.1</td>
</tr>
<tr>
<td>3) Silicon Dioxide</td>
<td>7631-86-9</td>
<td></td>
<td>6</td>
<td></td>
<td>48.1</td>
</tr>
</tbody>
</table>

#### Toxicological Data on Ingredients

**Calcium phosphate tribasic**
- LD50: Not available.
- LC50: Not available.

**Silicon Dioxide**
- ORAL (LD50): Acute: 3160 mg/kg [Rat].

### Section 3. Hazards Identification

#### Potential Acute Health Effects

Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

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**Continued on Next Page**
### CARCINOGENIC EFFECTS

Classified A3 (Proven for animal.) by ACGIH [Silicon Dioxide]. Classified 3 (Not classifiable for human.) by IARC [Silicon Dioxide].

### MUTAGENIC EFFECTS

Not available.

### TERATOGENIC EFFECTS

Classified None. for human [Cetyl Myristoleate Fatty Acid Mix].

### DEVELOPMENTAL TOXICITY

Classified Reproductive system/toxin/female, Reproductive system/toxin/male, Development toxin [None.] [Cetyl Myristoleate Fatty Acid Mix].

The substance is toxic to lungs, mucous membranes, upper respiratory tract, eye, lens or cornea. Repeated or prolonged exposure to the substance can produce target organs damage.

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### Section 4. First Aid Measures

| Eye Contact | Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention. |
| Skin Contact | In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. |
| Serious Skin Contact | Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention. |
| Inhalation | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. |
| Serious Inhalation | Not available. |
| Ingestion | Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear. |
| Serious Ingestion | Not available. |

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### Section 5. Fire and Explosion Data

| Flammability of the Product | May be combustible at high temperature. |
| Auto-Ignition Temperature | Not available. |
| Flash Points | CLOSED CUP: 93.3°C (199.9°F). |
| Flammable Limits | Not available. |
| Products of Combustion | Not available. |
| Fire Hazards in Presence of Various Substances | Not considered to be flammable. |
| Fire Fighting Media and Instructions | SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet. |
| Special Remarks on Fire Hazards | Not available. |
| Special Remarks on Explosion Hazards | Not available. |
Section 6. Accidental Release Measures

Small Spill
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7. Handling and Storage

Precautions
Keep locked up. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk. Evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.

Storage
Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8. Exposure Controls/Personal Protection

Engineering Controls
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection
Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits
Silicon Dioxide
TWA: 2 (mg/m³) [Australia] Inhalation Respirable.
TWA: 6 (mg/m³) [United Kingdom (UK)] Inhalation Respirable.

Consult local authorities for acceptable exposure limits.

Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical state and appearance</th>
<th>Odor</th>
<th>Molecular Weight</th>
<th>Taste</th>
<th>pH (1% soln/water)</th>
<th>Color</th>
</tr>
</thead>
</table>

Boiling Point
Not available.

Melting Point
1670°C (3038°F) based on data for: Calcium phosphate tribasic. Weighted average: 1665.61°C (3030.1°F)

Critical Temperature
Not available.

Specific Gravity
The only known value is 3.14 (Water = 1) (Calcium phosphate tribasic).

Vapor Pressure
Not applicable.

Vapor Density
Not available.

Vapility
Not available.

Odor Threshold
Not available.

Water/Oil Dist. Coeff.
Not available.

Ionicity (in Water)
Not available.

Dispersion Properties
Is not dispersed in cold water, hot water.

Continued on Next Page
### Section 10. Stability and Reactivity Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Solubility</strong></td>
<td>Insoluble in cold water, hot water.</td>
</tr>
<tr>
<td><strong>Stability</strong></td>
<td>The product is stable.</td>
</tr>
<tr>
<td><strong>Instability Temperature</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Conditions of Instability</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Incompatibility with various substances</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Corrosivity</strong></td>
<td>Non-corrosive in presence of glass.</td>
</tr>
<tr>
<td><strong>Special Remarks on Reactivity</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Special Remarks on Corrosivity</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Polymerization</strong></td>
<td>Will not occur.</td>
</tr>
</tbody>
</table>

### Section 11. Toxicological Information

<table>
<thead>
<tr>
<th>Route of Entry</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Routes of Entry</strong></td>
<td>Eye contact, Inhalation, Ingestion.</td>
</tr>
<tr>
<td><strong>Toxicity to Animals</strong></td>
<td>Acute oral toxicity (LD50): 3160 mg/kg [Rat].</td>
</tr>
<tr>
<td></td>
<td>(Silicon Dioxide).</td>
</tr>
<tr>
<td><strong>Chronic Effects on Humans</strong></td>
<td>CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH [Silicon Dioxide]. Classified 3 (Not classifiable for human.) by IARC [Silicon Dioxide].</td>
</tr>
<tr>
<td></td>
<td>TERATOGENIC EFFECTS: Classified None. for human [Cetyl Myristoleate Fatty Acid Mix].</td>
</tr>
<tr>
<td></td>
<td>DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Reproductive system/toxin/male, Development toxin [None.] [Cetyl Myristoleate Fatty Acid Mix].</td>
</tr>
<tr>
<td><strong>Other Toxic Effects on Humans</strong></td>
<td>Hazardous in case of skin contact (irritant), of ingestion, of inhalation.</td>
</tr>
<tr>
<td><strong>Special Remarks on Toxicity to Animals</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Special Remarks on Chronic Effects on Humans</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Special Remarks on other Toxic Effects on Humans</strong></td>
<td>Not available.</td>
</tr>
</tbody>
</table>

### Section 12. Ecological Information

<table>
<thead>
<tr>
<th>Ecotoxicity</th>
<th>Not available.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BOD5 and COD</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Products of Biodegradation</strong></td>
<td>Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.</td>
</tr>
<tr>
<td><strong>Toxicity of the Products of Biodegradation</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Special Remarks on the Products of Biodegradation</strong></td>
<td>Not available.</td>
</tr>
</tbody>
</table>
### Section 13. Disposal Considerations

**Waste Disposal**

DOT Classification
- Not a DOT controlled material (United States).
- Not applicable.
- Not applicable.

### Section 14. Transport Information

**DOT Classification**
- Not a DOT controlled material (United States).

**Identification**
- Not applicable.

**Special Provisions for Transport**
- Not applicable.

**DOT (Pictograms)**

- 

### Section 15. Other Regulatory Information and Pictograms

#### Federal and State Regulations
- Florida: Silicon Dioxide
- Minnesota: Silicon Dioxide
- Massachusetts RTK: Silicon Dioxide
- New Jersey: Silicon Dioxide

#### California Proposition 65 Warnings
- Not available. or of its ingredients

#### Other Regulations
- Not controlled under WHMIS (Canada).

#### Other Classifications
- WHMIS (Canada): Not controlled under WHMIS (Canada).
- DSCL (EEC): R36/38- Irritating to eyes and skin. R40- Possible risks of irreversible effects.

#### HMIS (U.S.A.)
- Health Hazard: 2
- Fire Hazard: 1
- Reactivity: 0
- Personal Protection: E

#### WHMIS (Canada) (Pictograms)
- 

#### DSCL (Europe) (Pictograms)
- 

#### TDG (Canada) (Pictograms)
- 

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**Continued on Next Page**
### Protective Equipment

- Gloves.
- Lab coat.
- Dust respirator. Be sure to use an approved/certified respirator or equivalent.
- Splash goggles.

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**Section 16. Other Information**

<table>
<thead>
<tr>
<th>MSDS Code</th>
<th>C0066</th>
</tr>
</thead>
<tbody>
<tr>
<td>References</td>
<td>Not available.</td>
</tr>
<tr>
<td>Other Special Considerations</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

Verified by Sonia Owen.  

CALL (310) 516-8000

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**Notice to Reader**

All chemicals may pose unknown hazards and should be used with caution. This Material Safety Data Sheet (MSDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on technical data judged to be reliable, Spectrum Quality Products, Inc. assumes no responsibility for the completeness or accuracy of the information contained herein.