Section 1. Product and Company Identification

<table>
<thead>
<tr>
<th><strong>Product Name</strong></th>
<th>Potassium Cetyl Phosphate</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CAS Number</strong></td>
<td>19035-79-1</td>
</tr>
</tbody>
</table>

Parchem - fine & specialty chemicals  
415 Huguenot Street  
New Rochelle, NY 10801  
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parchem.com info@parchem.com

Section 2. Hazards Identification

Classification of the substance or mixture

Classification (GHS/Regulation (EC) No 1272/2008)
Serious Eye Irritation, Category 2H319: Causes serious eye irritation

GHS Label Elements

Pictograms:

Signal word: WARNING

Hazard and precautionary statements

Hazard statements
H319 Causes serious eye irritation

Precautionary Statements

Prevention
P264 Wash hands and exposed skin thoroughly after handling  
P280 Wear protective gloves/eye protection/face protection

Response
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists get medical advice/attention.

Storage
P401 Store in an area between 10-30°C  
P404 Store in a closed container  
P420 Store away from strong oxidizing agents and reducing agents
Disposal
P501 Dispose of contents and/or container in accordance with local, regional, national, and/or international regulations.

Section 3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Potassium Cetyl Phosphate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formula</td>
<td>C₁₆H₃₄O₄PK</td>
</tr>
<tr>
<td>CAS Number</td>
<td>19035-79-1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS NUMBER</th>
<th>CONCENTRATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Cetyl Phosphate</td>
<td>19035-79-1</td>
<td>97 – 98%</td>
</tr>
<tr>
<td>Phosphoric Acid</td>
<td>7664-38-2</td>
<td>2 – 3%</td>
</tr>
</tbody>
</table>

Section 4. First Aid Measures

Inhalation: Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.
Skin contact: IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
Eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion: Do not give anything by mouth to an unconscious person. Drink (one glass) (two glasses) of water. Call a physician (or poison control center).

Section 5. Firefighting Measures

Extinguishing media
Suitable extinguishing media
LARGE FIRES: Water spray, fog, or regular foam.
SMALL FIRES: Dry chemical, CO₂, water spray, or regular foam.

Special hazards arising from the substance or mixture
Specific hazards during firefighting: None known.

Advice for firefighters
Special protective equipment: Wear positive pressure self-contained breathing apparatus (SCBAS). Structural firefighters' protective clothing will only provide limited protection.

Section 6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
**Methods for Cleaning or Taking Up:** Sweep up and shovel. Keep in suitable, closed containers for disposal.

**Additional Advice:** None

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**Section 7. Handling and Storage**

**Handling**
Advice on safe handling and usage: Use good safety and industrial hygiene practices.

**Storage**
Recommended: Keep container closed when not in use. Store in a cool, dry place.

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**Section 8. Exposure Controls / Personal Protection**

**Components with workplace control parameters:** None Established

**Components with workplace foreign control parameters:** None Established

**Control Measures**

**Engineering measures:** Ventilation not required under normal use. Misting operations may require adequate ventilation.

**Personal protective equipment**

**Respiratory protection:** No special protection required under normal conditions of use. In case of insufficient ventilation, wear suitable respiratory equipment.

**Hand protection:** Wear appropriate gloves.

**Eye protection:** Wear safety glasses.

**Skin and body protection:** Wear protective clothing

**Hygiene measures:** Do not get in eyes or on skin or clothing. Handle in accordance with good industrial hygiene and safety practice. Eyewash and safety showers should be available in the work area.

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**Section 9. Physical and Chemical Properties**

**Appearance**

**Physical state:** White to off-white granules

**Color:** White to light yellow

**Odor:** Not measurable/relevant

**Odor Threshold:** No data available

**pH:** 6.5 - 8.0 1% in water

**Melting point/range:** 161 - 166°C

**Boiling point/boiling range:** No data available

**Flash point:** > 110°C (212°F) ASTM D 93

**Flammability (solid, gas):** No data available

**Auto-ignition temperature:** No data available
**Water solubility:** 160mg/l, water 20°C
**Solubility in other solvents:** No data available
**Partition coefficient (n-Octanol/water):** No data available
**Vapor pressure:** No data available
**Evaporation rate:** No data available
**Specific Gravity:** 0.53063
**Oxidation/Reduction Potential:** No data available
**Viscosity, dynamic:** No data available
**Viscosity, kinematic:** No data available
**Explosive properties:** No data available
**Thermal decomposition:** No data available
**Lower explosion limit:** No data available
**Upper explosion limit:** No data available

### Section 10. Stability and Reactivity

**Chemical Stability:** Stable under normal temperatures and pressures.

**Hazardous reactions**
**Conditions to avoid:** Excess heat, light, humidity
**Materials to avoid:** Metal Salts, Alkali, Alkaline Earth Metals, Hard-Calcium Containing water.

### Section 11. Toxicological Information

May cause eye irritation.

### Section 12. Ecological Information

**Ecotoxicity assessment:** EC50 (48 hour) (static) daphnia magna > 100mg/l

**Persistence and Degradability**
**Biodegradability:** Readily biodegradable (OCDE/OECD 301D "Closed Bottle Test")

**Bioaccumulation**
**Bioconcentration Factor (BCF):** No data available

**Other Adverse Effects**
**Environment assessment:** No data available

### Section 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.
Section 14. Transport Information

ADR: Not regulated
RID: Not regulated
IMDG: Not regulated
IATA: Not regulated

Section 15. Regulatory Information

TSCA: Listed
EU (REACH): Pre-registered 05-2114523129-53-0000
Canada (NDSL): Listed
Australia (AICS): Listed
Japan (ENCS): Listed
China (IECSC): Listed

HMIS Rating
Health: 2
Flammability: 1
Reactivity: 0
Personal Protection: B

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

REVISION DATE: 11/18/2016