

Section 1. Product and Company Identification

Product Name Potassium Cetyl Phosphate
CAS Number 19035-79-1

Parchem - fine & specialty chemicals

415 Huguenot Street

New Rochelle, NY 10801

(914) 654-6800 **(914) 654-6899**

parchem.com

info@parchem.com

EMERGENCY RESPONSE NUMBER
CHEMTEL

Toll Free US & Canada: 1 (800) 255-3924

All other Origins: 1 (813) 248-0585

Collect Calls Accepted

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

Common Name Potassium Cetyl Phosphate
Formula $C_{16}H_{34}O_4PK$
CAS Number 19035-79-1

COMPONENT	CAS NUMBER	CONCENTRATION
Potassium Cetyl Phosphate	19035-79-1	97 – 98%
Phosphoric Acid	7664-38-2	2 – 3%

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, CO_2 , 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 (SCBS). 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

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.

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.

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