



## Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Cetyl Myristoleate 20% (Powder)

30-4472

### Section 1: Identification

**Product Name** Cetyl Myristoleate 20% (Powder)  
**Commercial Name** Cetyl esters of mixed fatty acids on cornstarch  
**Product Use** Not available.  
**Restrictions On Use** Not available.  
**Product Code** 30-4472  
**Company** PCCA  
9901 South Wilcrest  
Houston, TX 77099  
Phone: 1-800-331-2498  
Fax: 1-800-874-5760

In case of emergency contact:  
**CHEMTREC (24hr) 1-800-424-9300**

### Section 2: Hazard(s) Identification

**OSHA Haz Com:** This chemical is not considered hazardous according to the 2012 OSHA Hazard Communication Standard  
**CFR 1910.1200** (29 CFR 1910.1200) Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)  
**Signal Word** NON-HAZARDOUS  
**Hazard Statement(s)** Not available  
**Pictogram(s) or Symbol(s)**

#### Precautionary Statement(s):

**Prevention** Not available.  
**Response** Not available.  
**Storage** Not available.  
**Disposal** Not available.

### Section 3: Composition/Information on Ingredients

**Substance/Mixture** Mixture  
**Components** Cetyl Mristoleate, Cetyl Myristate and Other cetyl esters  
**% By Weight** 40%/10-25%/35-50%  
**CAS#** 64660-84-0/2599-01-1  
**Molecular Weight** Not available.  
**Chemical Formula** Not available.  
**Synonym(s)** Not available.

Mixtures				
Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Cetyl Myristate	2599-01-1	10-25	Not available	Not available
Cetyl Mristoleate	64660-84-0	40	Not available	Not available
Other cetyl esters		35-50	Not available	Not available
			Not available	Not available

**Section 4: First-Aid Measures**

<b>Inhalation</b>	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention if irritation develops. Consult a physician if necessary.
<b>Eye Contact</b>	Flush eyes with water for 15 minutes. Get medical attention if irritation occurs. If symptoms persist, call a physician.
<b>Ingestion</b>	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician if necessary.
<b>Symptoms/Effects</b>	
<b>Acute</b>	Not available.
<b>Delayed</b>	Not available.
<b>Immediate Medical Attention</b>	
Treat symptomatically	

**Section 5: Fire-Fighting Measures**
**Suitable Extinguishing Media**

Carbon dioxide (CO2). Dry chemical. Water spray mist or foam.

**Unsuitable Extinguishing Media**

Not available.

**Products of Combustion**

May be combustible at high temperatures.

**Firefighters Special Equipment and Precautions**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**Section 6: Accidental Release Measures**

Personal Precautions: Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Remove all sources of ignition. Environmental precautions: Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Methods and material for containment and cleaning up Methods for containment: Stop leak if you can do it without risk. Cover with plastic sheet to prevent spreading. Methods for cleaning up: Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly.

**Section 7: Handling and Storage**

Handling: Technical Measures/Precautions: Provide sufficient air exchange and/or exhaust in work rooms. Keep away from incompatible materials. Safe Handling Advice: Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Keep away from heat and sources of ignition. Do not ingest. Do not breathe dust. Handle in accordance with good industrial hygiene and safety practice Storage: Technical Measures/Storage Conditions: Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Store away from incompatible materials. Incompatible Materials: No information available

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

<b>Exposure Limits</b>	Components: Cetyl Myristoleate CAS-No.: 64660-84-0 OSHA: None NIOSH: None ACGIH: None AIHA WEEL: None Component: Calcium Phosphate Tribasic CAS No.: 7758-87-4 OSHA: None NIOSH: None ACGIH: None AIHA WEEL: None Component: Silicon Dioxide (Amorphous) CAS-No.: 7631-86-9 OSHA: 20mppcfTWA (80)/(% SiO2) mg/m3 TWA NIOSH: 6 mg/m3 TWA ACGIH: None AIHA WEEL: None
<b>Engineering Controls</b>	Ensure adequate ventilation. 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.

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**Personal Protection**

Eye protection: Safety glasses with side-shields. Skin and body protection: Chemical resistant apron, Gloves, Long sleeved clothing Respiratory protection: Effective dust mask. Use a dust respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentration of dust (dust clouds) , inadequate ventilation, development of respiratory tract irritation), and engineering controls are not feasible. Be sure to use an approved/certified respirator or equivalent. Hygiene measures: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	solid		
<b>Odor</b>	Not available.		
<b>Odor Threshold</b>	Not available.		
<b>Melting Point</b>	Not determined	<b>pH</b>	Not available.
<b>Freezing Point</b>	Not available.	<b>Vapor Pressure</b>	Not determined
<b>Boiling Point/Range</b>	Not determined	<b>Vapor Density</b>	Not determined
<b>Decomposition temperature</b>	Not available.	<b>Viscosity</b>	Not determined
<b>Partition Coefficient: n-octanol/water</b>	Not available.	<b>Evaporation Rate</b>	Not available.
<b>Flash Point</b>	Not available	<b>Autoignition temperature</b>	Not available.
<b>Flammability</b>	Not available.	<b>Flammability or Explosive Limits:</b>	
		<b>Lower</b>	Not available.
		<b>Upper</b>	Not available.
<b>Solubility(ies)</b>	Not available		
<b>Other</b>	Not available.		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	Not available.
<b>Chemical Stability</b>	Stable under recommended storage conditions
<b>Hazardous Polymerization</b>	Hazardous polymerization will not occur.
<b>Conditions to Avoid</b>	Heat.
<b>Incompatible Materials</b>	Not available
<b>Hazardous Decomposition Products</b>	Not available.

**Section 11: Toxicological Information****RTECS** Not available.**Acute Toxicity**

Silicon Dioxide (Amorphous): LD50/oral/rat = 7900 mg/kg Oral LD50 Rat LD50/oral/mouse = No information available  
LD50/dermal/rabbit = > 2000 mg/kg Dermal LD50 Rabbit LD50/dermal/rat = No information available LC50/inhalation/rat = > 2.2  
mg/L Inhalation LC50 Rat 1 h LC50/inhalation/mouse = No information available Other LD50 or LC50 information = No  
information available

**Skin Corrosion/Irritation**

May cause skin irritation.

**Serious Eye Damage/Irritation**

May cause eye irritation

**Respiratory or Skin Sensitization**

May cause irritation of respiratory tract

**Germ Cell Mutagenicity**

Not available.

**Carcinogenicity**

Not available.

**Reproductive Toxicity**

Not available.

**Routes of Entry**

Ingestion. Inhalation.

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**Symptoms Related to Exposure**

Not available.

**Potential Health Effects**

Not available.

**Target Organ(s)**

Health injuries are not known or expected under normal use.

**Section 12: Ecological Information****Ecotoxicity**

Ecotoxicity effects: No data available. Silicon Dioxide (Amorphous) - 7631-86-9 Freshwater Algae Data: 440 mg/L EC50  
Pseudokirchneriella subcapitata 72 h Freshwater Fish Species Data: 5000 mg/L LC50 Brachydanio rerio 96 h static 1 Water Flea  
Data: 7600 mg/L EC50 Ceriodaphnia dubia 48 h

**Persistence and Degradability**

Not available.

**Bioaccumulative Potential**

Not available.

**Mobility in Soil**

Not available.

**Other Adverse Effects**

Not available.

**Section 13: Disposal Considerations****Waste Disposal**

Waste must be disposed of in accordance with Federal, State and Local regulation.

**Disposal of Container**

Empty containers should be taken for local recycling, recovery or waste disposal

**Other Considerations**

Not available.

**Section 14: Transport Information****DOT Classification**

DOT UN-No: Not Regulated Proper Shipping Name: No information available Hazard Class: No information available Subsidiary  
Class No information available Packing group: No information available Emergency Response Guide Number No information  
available Marine Pollutant No data available DOT RQ (lbs): No information available Special Provisions No Information available  
Symbol(s): No information available Description: No information available

**Section 15: Regulatory Information****Regulations**

alcium Phosphate Tribasic FDA - Food Additives Generally Recognized as Safe (GRAS): 21 CFR 182.1217, 21 CFR 182.8217  
FDA - 21 CFR - Total Food Additives - List Sourced from EAFUS 137.105, 169.179, 175.300, 182.1217, 182.8217 Silicon Dioxide  
(Amorphous) Massachusetts RTK: Present Pennsylvania RTK: Present Minnesota - Hazardous Substance List: Present  
California Directors List of Hazardous Substances: Present FDA - Direct Food Additives 21 CFR 172.230, 21 CFR 172.480, 21  
CFR 173.340 FDA - 21 CFR - Total Food Additives - List Sourced from EAFUS 160.105, 160.185, 172.230, 172.480, 173.340,  
175.105, 175.300, 175.320, 176.170, 176.180, 176.200, 176.210, 177.1200, 177.2250, 177.2420, 177.2600, 178.3297, 182.90,  
73.1, 73.575 California Prop. 65: Safe Drinking Water and Toxic Enforcement Act of 1986. Chemicals Known to the State of  
California to Cause Cancer: This product does not contain a chemical requiring a warning under California Prop. 65. Chemicals  
Known to the State of California to Cause Reproductive Toxicity: This product does not contain a chemical requiring a warning  
under California Prop. 65.

**Other**

Not available.

**Section 16: Other Information**



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All information, recommendations, and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, express or implied, is made by EHP as to the effects of such use, the results obtained, or the safety and toxicity of the product nor do we assume any liability arising out of use, by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.