



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# 64660-84-0/7758-87-4
Molecular Weight Not available.
Chemical Formula Not available.
Synonym(s) Not available.

Mixtures				
Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Calcium Phosphate Tribasic	7758-87-4	48.1	Not available	Not available
Cetyl Mristoleate	64660-84-0	48.1	Not available	Not available
Silicon Dioxide	7631-86-9	3.8	Not available	Not available
			Not available	Not available

Section 4: First-Aid Measures

Inhalation	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Skin Contact	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.
Eye Contact	Flush eyes with water for 15 minutes. Get medical attention if irritation occurs. If symptoms persist, call a physician.
Ingestion	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician if necessary.
Symptoms/Effects	
Acute	Not available.
Delayed	Not available.
Immediate Medical Attention	
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: 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

Exposure Limits	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
Engineering Controls	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

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

Section 10: Stability and Reactivity

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

Section 11: Toxicological Information

RTECS Not available.

Acute Toxicity

Cetyl Myristoleate: No information available Calcium Phosphate Tribasic: No information available 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**

Calcium 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 chemicals may pose unknown hazards and should be used with caution. This Safety Data Sheet (SDS) 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 SDS. The physical properties reported in this SDS are obtained from the literature and do not constitute product specifications. Information contained herein does not constitute a warranty, whether expressed or implied, as to the safety, merchantability or fitness of the goods for a particular purpose. Spectrum Chemicals & Laboratory Products, Inc. assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied. 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 SDS is based on technical data judged to be reliable, Spectrum assumes no responsibility for the completeness or accuracy of the information contained herein.