

Botanoceutical Products, Inc.

Material Safety Data Sheet (MSDS)

Effective Date: 29 APR 2024

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Revision #: 003

Product: 20% CMO Powder

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: 20% Cetyl Myristoleate Powder

OTHER IDENTIFIERS: 50% Mixed Cetyl Esters on Cornstarch, Cetyl Esters of Mixed Fatty Acids on Cornstarch

CHEMICAL FORMULA: Mixture

RECOMMENDED USE: Dietary supplement ingredient

FOR INFORMATION: Botanoceutical Products, Inc.
564 Trinity Creek Cove, Suite 102
Cordova, TN 38018
INFO@ehpproductsonline.com

PHONE NUMBERS: 800-450-3692

SECTION 2 - HAZARDS IDENTIFICATION

GHS CLASSIFICATION:
No GHS hazards

PICTOGRAM:
None required

SIGNAL WORD:
None required

HAZARD STATEMENTS:
None required

PRECAUTIONARY STATEMENTS:
None required

HAZARDS NOT OTHERWISE CLASSIFIED:
Contact with molten material may cause thermal burns.

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SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

<u>Component</u>	<u>%</u>	<u>CAS No.</u>
Cetyl myristate	26	2599-01-1
Cetyl myristoleate	20	64660-84-0
Cornstarch	48	9005-25-8
Synthetic amorphous silica (Silicon dioxide)	2	7631-86-9

SECTION 4 - FIRST AID MEASURES

IN CASE OF EYE CONTACT:

Immediately flush with large amounts of water, lifting upper and lower lids occasionally. Remove contact lenses if easy to do so. Continue rinsing. If irritation persists, get medical attention.

IN CASE OF SKIN CONTACT:

Wash exposed area with soap and water.

IF SWALLOWED:

Call a physician or poison control center if more than about 10 grams (2 teaspoons) of material is swallowed. If conscious, rise mouth and immediately give two large glasses of water. Never give anything by mouth to an unconscious person.

IF INHALED:

If affected, move to fresh air. If breathing is difficult, contact a physician.

MOST IMPORTANT SYMPTOMS AND EFFECTS:

Contact with skin or eyes may cause irritation, especially in sensitive individuals.

NOTE TO PHYSICIAN:

Treat symptomatically.

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SECTION 5 - FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

This material is not easily ignited, but will burn if sufficiently heated and exposed to an ignition source. Finely divided dust particles, when dispersed in air and presented with a source of ignition, may ignite explosively.



EXTINGUISHING MEDIA:

Use dry chemical, carbon dioxide, water fog or foam. Cool containers with water. Water or foam may cause frothing, especially if sprayed directly into containers of hot, burning liquid.

PROTECTION OF FIREFIGHTERS:

Keep personnel removed from and upwind. Wear full protective clothing and self-contained breathing apparatus with full face-piece. Combustion/decomposition products include carbon monoxide and carbon dioxide.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PRECAUTIONS, PROTECTIVE EQUIPMENT & EMERGENCY PROCEDURES:

Persons not wearing protective equipment should be excluded from the area of the spill until cleanup has been completed.

CONTAINMENT & CLEAN-UP:

Dike area of spill with sand or dirt to prevent spreading. Pump liquid to salvage tank or other containers. Remaining liquid may be absorbed on vermiculite or other absorbent material and shoveled into containers.

SECTION 7 - HANDLING AND STORAGE

SAFE HANDLING:

Avoid contact with skin, eyes and clothing. Avoid generating dust clouds. Wash thoroughly after handling.

STORAGE:

Keep in closed or covered containers when not in use. Store in cool dry place with adequate ventilation.

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SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Silica, amorphous
(CAS# 7631-86-9)

OSHA PEL - $\frac{80 \text{ mg/M}^3}{\% \text{SiO}_2 + 2}$

OSHA PEL – 20 mg/M³ (mineral dusts)

ACGIH TLV – 0.025 mg/M³

ENGINEERING CONTROLS:

All material handling equipment that may generate dust clouds of the product should have properly designed explosion relief/suppression systems.

EYE / FACE PROTECTION:

Wear safety glasses or splash goggles when handling any chemical substance.

SKIN PROTECTION:

Wear protective gloves.

RESPIRATORY PROTECTION:

Not required under normal conditions of use; however, a NIOSH/MSHA approved respirator is recommended where there is insufficient ventilation to maintain exposures below established exposure limits.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Cream-colored powder
@ 77 °F (25 °C)

Odor: Fatty acid

Odor threshold: No data available

pH: 5-7 (10% in water/alcohol)

Melting point: Does not melt

Initial boiling point: Decomposes

Flash point: >212 °F (100 °C)

Evaporation rate: No data available

Flammability (solid, gas): Unavailable

Flammability or explosive limits:

Upper: No data available

Lower: No data available

Vapor pressure: No data available

Vapor density: No data available

Relative density: No data available

Solubility: Partially soluble in water

Partition coefficient: n-octanol/water: No data available

Auto-ignition temperature: Unavailable

Decomposition temperature:
>392 °F (200 °C) @ 1 mmHg

Viscosity: No data available

Additional Data:

% VOC: 0%

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SECTION 10 - STABILITY AND REACTIVITY

REACTIVITY:

May react with strong oxidizing agents and strong acids

STABILITY:

Stable under normal conditions of 70 °F (21 °C) and 14.7 psig (760 mm Hg)

POSSIBILITY OF HAZARDOUS REACTIONS:

May react with strong oxidizing agents and strong acids

CONDITIONS TO AVOID:

Avoid generating dust clouds

INCOMPATIBLE MATERIALS:

May react with strong oxidizing agents and strong acids

HAZARDOUS DECOMPOSITION PRODUCTS:

Unknown

SECTION 11 - TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF EXPOSURE:

Skin and eye contact and ingestion

SYMPTOMS:

None expected

EFFECTS FROM EXPOSURE:

No adverse effects are expected from exposure to this material; however, molten material may cause thermal burns.

TOXICITY DATA:

Acute Oral LD₅₀ (rat) - greater than 5,000 mg/kg

CARCINOGENICITY

This product is not reported to have any carcinogenic effects. This product (or component) is not listed in IARC Monographs, the current NTP Report on Carcinogens or the ACGIH TLVs as a carcinogen or potential carcinogen. OSHA does not regulate it as a carcinogen. The synthetic amorphous silica found in this product as an anticaking agent is not considered respirable.

SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY:

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No data available

PERSISTENCE AND BIODEGRADABILITY:
No data available

BIOACCUMULATIVE POTENTIAL:
No data available

MOBILITY IN SOIL:
No data available

PBT AND VPVB ASSESSMENT
Unknown

OTHER ADVERSE EFFECTS:
No data available

SECTION 13 - DISPOSAL CONSIDERATIONS

Deposit in a landfill in accordance with applicable local, state and Federal regulations. This material, if disposed of, is not considered a hazardous waste under current RCRA definitions.

SECTION 14 - TRANSPORT INFORMATION

Not regulated under current DOT, TDG (Canadian), ICAO (air) or IMO (water) transport regulations.

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SECTION 15 - REGULATORY INFORMATION

FDA :

Silicon dioxide is approved for use by the FDA as an anticaking agent, at levels up to 2%, under 21 CFR 172.480.

SARA:

CERCLA/SARA 302: Not applicable.

CERCLA/SARA 311/312: Not applicable

CERCLA/SARA 313: Not applicable

CALIFORNIA PROPOSITION 65:

This product does not contain materials known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16 - OTHER INFORMATION

HAZARD RATING:

HEALTH	0	0 - LEAST
FIRE	1	1 - SLIGHT
REACTIVITY	0	2 - MODERATE
OTHER	-	3 - HIGH
		4 - EXTREME

HAZARD RATING METHOD: HMIS

REVISION #: 003

REVISION DATE: 29 APR 2024

REASON FOR REVISION: Updated contact information.

The product information contained herein is believed to be accurate as of the date of the Safety Data Sheet, and is provided without warranty, expressed or implied, as to the results of use of this information or the product to which it relates. Recipient assumes all responsibility for the use of this information and the use (alone or in combination with any other product), storage or disposal of the product, including any resultant personal injury or property damage.

****END OF REPORT****