



Section 1. Product and Company Identification

Product Name Calcium Stearate
CAS Number 1592-23-0

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
Not classified as a hazardous substance or mixture

GHS Label Elements

Pictograms: N/A
Signal word: N/A

Hazard and precautionary statements

Directive 67/548/EEC: Not hazardous
Physical Hazards: N/A

Carcinogen Status

OSHA: No
NTP: No
IARC: No

Section 3. Composition / Information on Ingredients

Common Name Calcium Stearate
Synonym(s) Octadecanoic Acid, Calcium Salt
CAS Number 1592-23-0

| COMPONENT | CAS NUMBER | CONCENTRATION |
|------------------|------------|---------------|
| Calcium Stearate | 1592-23-0 | ~ 98% |

Section 4. First Aid Measures

Inhalation: If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. If breathing is difficult, oxygen should be administered by qualified personnel. Get immediate medical attention.



Skin Contact: Wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention, if needed. Thoroughly clean and dry contaminated clothing and shoes before reuse.

Eye Contact: Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

Ingestion: If a large amount is swallowed, get medical attention.

Section 5. Firefighting Measures

Suitable extinguishing media: Regular dry chemical, carbon dioxide, water, regular foam
Large fires: Use regular foam or flood with fine water spray. Move container from fire area if it can be done without risk. Do not scatter spilled material with high-pressure water streams. Dike for later disposal. Use extinguishing agents appropriate for surrounding fire. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

Extinguishing media which shall not be used for safety reasons: N/A

Special exposure hazards: Slight fire hazard.

Special protective equipment for firefighters: Respiratory protective device, protective clothing.

Section 6. Accidental Release Measures

Personal precautions: Do not smoke.

Environmental precautions: Keep away from drains and ground water and soil.

Methods for cleaning up: Sweep up spilled substance. Store in a closed container.

Section 7. Handling and Storage

Handling: Avoid ignition sources.

Storage: Store in a cool, dry area at room temperature. Shelf life: 24 months

Section 8. Exposure Controls / Personal Protection

Exposure limit values: N/A

Exposure controls: N/A

Occupational exposure controls

Respiratory protection: N/A

Hand protection: Gloves

Eye protection: Safety goggles

Skin and body protection: lightweight protective clothing. Use antistatic shoes.

General sanitary measures: While working, do not eat, drink, or smoke, wash hands with soaps and water before breaks. Shower or bathe at the end of the workday. Keep work clothes separate.

Environmental exposure controls: N/A

Section 9. Physical and Chemical Properties

Appearance: Solid, microbeads
Color: White
Odor: Slightly fatty
pH (20°C, solution in water): 7 - 9
Boiling Point: N/A
Flash Point (COC): ~ 200°C
Flammability: 30 g/m³
Explosive Properties: No
Oxidizing Properties: N/A
Vapor Pressure: N/A
Density (70°C): 1095 g/cc
Solubility: Organic solvents
Water Solubility: Insoluble
Partition Coefficient (n-Octanol/water): 0.8
Viscosity: N/A
Vapor Density: N/A
Evaporation Rate: N/A
Melting Point: 145 - 160°C
Ignition Temperature: 400°C
Decomposition Temperature: > 350°C
Bulk Density: 500 g/L

Section 10. Stability and Reactivity

Conditions to avoid: Avoid heat, flames, sparks, and other sources of ignition.
Material to avoid: Alkalis, oxidizers.
Hazardous decomposition products: N/A
Reactivity: Stable at room temperatures

Section 11. Toxicological Information

LD50/Oral/Rat: > 10 g/kg

Section 12. Ecological Information

Ecotoxicity: N/A
Mobility: N/A
Persistence and degradability: Biodegradable 28 - 95 days
Bioaccumulative potential: N/A



Results of PBT assessment: N/A

Other adverse effects: N/A

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

Not classified as dangerous in the meaning of transport regulations: IMDG, ADR, RID, ICAO, IATA

Section 15. Regulatory Information

According to our data the product is not harmful within the of the following directives: meaning Council Directive 88/379/EEC of 7 June 1988 and Commission Directive 90/492/EEC of 5 September 1990 on dangerous preparations.

Inventory Status

On TSCA

December 2006 TSCA Inventory.

On DSL

Supplement to Canada Gazette, Part I, January 26, 1991.

On EINECS

Annex to Official Journal of the European Communities, 15 June 1990; EINECS Corrections (English), March 1997; EINECS Corrections (German), March 2002.

On ENCS

Unlisted chemical name. For ENCS chemical class or category name, refer to ENCS No. 2-611.

On AICS

Australian Inventory of Chemical Substances, June 1996 Ed.

On ECL

Korean Existing Chemicals List, January 1997. ECL serial no.: KE-26347

On SWISS

Giffliste 1 (List of Toxic Substances 1), 31 May 1999. SWISS No. G-7699

On PICCS

Philippines Inventory of Chemicals and Chemical Substances, 2000.

On ASIA-PAC

On NZioC

New Zealand Inventory of Chemicals, 2006.

-German Water hazard class (WGK):

ID-Number: 3160 - State of classification: 3 - classification under hazard to water: nwg



HMIS Rating

Health: 0

Flammability: 1

Reactivity: 0

Personal Protection: E

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: 3/10/2016

