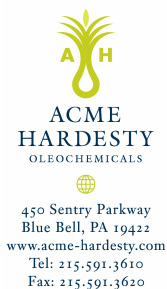


# Material Safety Data Sheet



PRODUCT NAME: CALCIUM STEARATE POWDER - FGK

## CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: CALCIUM STEARATE POWDER - FGK  
CAS#: 1592-23-0  
EINECS#: 216-472-8  
DATE: March 26, 2008

DISTRIBUTOR: ACME-HARDESTY COMPANY  
ADDRESS: 450 Sentry Parkway  
Blue Bell, PA 19422

TELEPHONE: (866) 226 - 3834  
FAX: (215) 591 - 3620  
EMERGENCY: CHEMTREC (800) 424-9300

## COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME:	CAS#	APPROX.%	HAZARD DATA
Calcium	1592-23-0	96%	TWA 1992-93: 10mg/m3

## HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

May cause irritation to the respiratory system.

## FIRST AID MEASURES

EYE CONTACT: Wash with clean water.  
SKIN CONTACT: Wash with clean water.  
INHALATION: Remove from exposure.  
INGESTION: Seek medical advice

## FIRE FIGHTING MEASURES

FLASH POINT: --  
AUTOIGNITION TEMP: --  
FLAMMABLE LIMIT: --  
FIRE/EXPLOSION HAZARD: Calcium oxide, carbon monoxide  
EXTINGUISHING MEDIA: Foam or water spray, powder, CO<sub>2</sub>, enriched chemical liquid  
FIRE-FIGHTING PROCEDURE: Avoid high pressure spray, avoid dust cloud which form explosion hazard.

---

---

ACCIDENTAL RELEASE MEASURES

---

---

HANDLING: Open packaging bag carefully, avoid spillage, wash hand after handling.  
STORAGE: Cool, dry, avoid exposure to sunlight and keep away from food.

---

---

PHYSICAL/CHEMICAL CHARACTERISTICS

---

---

APPEARANCE: Fine white powder or granule  
ODOR: Slight stearic acid odor  
SOLUBILITY IN WATER: Insoluble  
BOILING POINT: Not applicable  
MELTING POINT, °C: 148-160  
VAPOR PRESSURE: Not applicable  
% VOLATILE BY WT: Nil  
EVAPORATION RATE: Not applicable  
VAPOR DENSITY: Not applicable  
SPECIFIC GRAVITY (water=1): 1.03

---

---

EXPOSURE CONTROLS AND PERSONAL PROTECTION

---

---

ADDITIONAL INFORMATION ABOUT DESIGN OF TECHNICAL SYSTEMS:

Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute.

PERSONAL PROTECTIVE EQUIPMENT:

GENERAL PROTECTIVE AND HYGIENIC MEASURES:

The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages, and feed. Remove all the soiled and contaminated clothing immediately. Wash hands before breaks and at the end of work.

RESPIRATORY: Use suitable respirator when high concentrations are present.  
PROTECTION OF HANDS: Impervious gloves.  
EYE PROTECTION: Safety glasses  
BODY PROTECTION: Protective work clothing.

---

---

STABILITY & REACTIVITY

---

---

THERMAL DECOMPOSITION / CONDITIONS TO BE AVOIDED:

Decomposition will not occur if used and stored according to specifications

INCOMPATIBLE MATERIALS: Oxidizing agents  
DANGEROUS REACTIONS: Reacts to oxidizing agents  
HAZARDOUS DECOMP PROD: Carbon monoxide, carbon dioxide.

---

---

ECOLOGICAL INFORMATION

---

---

Do not allow material to be released to the environment without proper governmental permits.

---

---

WASTE DISPOSAL METHOD

---

---

WASTE DISPOSAL METHODS: Proper chemical remarks treatment of waste must be done before disposal.  
CONTAINER DISPOSAL: Same as for contents

---

---

---

---

TOXICOLOGICAL INFORMATION

---

---

PRIMARY IRRITANT EFFECT:

On the eye:	Powder: irritant effect
Sensitization:	No sensitizing effect known
Sub-acute to chronic toxicity:	The toxicity of calcium compounds is generally due to the anion. Toxicity as indicated by the LC50 and LD50 data is low. Product may have irritating effects at lower exposure levels.

ADDITIONAL TOXICOLOGICAL INFORMATION:

To the best of our knowledge, the acute and chronic toxicity of this substance is not fully known.

ACGIH A4: Not classifiable as a human carcinogen: Inadequate data on which to classify the agent in terms of its carcinogenicity in humans and/or animals.

---

---

---

---

TRANSPORT CONSIDERATIONS

---

---

Not dangerous in cargo. Keep away from foodstuffs.

---

---

---

---

REGULATORY INFORMATION

---

---

PRODUCT RELATED HAZARD INFORMATION:

Observe the general safety regulations when handling chemicals

INFORMATION ABOUT LIMITATION OF USE:

For use only by technically qualified individuals

DSL: Listed  
TSCA: Listed