

SAFETY DATA SHEET

CALCIUM STEARATE FG KOSHER

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Calcium Stearate FG Kosher
 INCI Name: Calcium Stearate
 CAS Number: 1592-23-0

Company: Kraft Chemical Company
 Melrose Park, IL 60160
 Phone: 708-345-5200
 Fax: 708-345-4005

Emergency Contact: Chemtrec: 800-424-9300

2. HAZARD IDENTIFICATION

Directive 67/548/EEC: Non-hazardous

Physical Hazards: dust/air mixtures may ignite or explode in presence of sources of ignition

Carcinogen status: OSHA: No, NTP: No, IARC: No

Label elements:

- Labelling Global Harmonized System (GHS): not a hazardous substance (no signal word)
- Labelling Regulation (EC) No 1272/2008 (CLP): not a hazardous substance (no signal word)

3. COMPOSITION/INFORMATION ON INGREDIENTS

INCI NAME	CAS NO.	CONCENTRATION (%)
Octadecanoic acid, calcium salt	1592-23-0	94.5 min.
Fatty acids, C16-18, calcium salt	57-11-4	1.5 max.
Water	-	4.0 max.

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. Get immediate medical attention.

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

5. FIRE FIGHTING 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: -

Special exposure hazards: Slight fire hazard. Powder/air mixture may ignite or explode in presence of ignition sources.

Special protective Equipment for fire-fighters: Respiratory protective device, protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid dust formation, do not smoke

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

Methods for cleaning up: Sweep up spilled substance but avoid making dust. Store in a closed container.

7. HANDLING AND STORAGE

Handling: avoid dust formation and ignition sources

Storage: store in a cool, dry area at room temperature

Shelf life: 24 months

Specific use(s): -

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values: -
 Exposure controls: -

Occupational exposure controls:

- a) Respiratory protection: Respirator for inert particles
- b) Hand protection: Gloves
- c) Eye protection: Safety goggles
- d) Skin and body protection: Lightweight protective clothing. Use antistatic shoes.
- e) 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: -

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid, powder
Color	White
Odor	Slightly fatty
pH (20°C, solution in water)	7 – 9
Boiling Point	-
Flash Point	200°C approx. (C.O.C. method)
Flammability	20 g/m ³ for particles <74 μ
Explosive properties	Mixture powder/air: Yes, Product: No
Oxidizing properties	-
Vapor Pressure	-
Density 70°C	1,095 g/cc
Solubility	Organic solvents
Water solubility	Insoluble
Partition coefficient: n-octanol/water	0.8
Viscosity	-
Vapor density	-
Evaporation rate	-
Melting Point	145-175°C
Ignition Temperature	400°C
Decomposition Temperature	>350°C
Bulk Density	190-200 g/l

10. STABILITY AND REACTIVITY

Conditions to avoid: heat, flames, sparks and other sources of ignition

Material to avoid: alkalises, oxidizers

Hazardous decomposition

products: -

Reactivity: stable at room temperatures

11. TOXICOLOGICAL INFORMATION

LD50/oral/rat: > 10 g/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity: -
Mobility: -
Persistence e degradability: biodegradable 28 – 95 days
Bio accumulative potential: -
Results of PBT assessment: -
Other adverse effects: -

13. DISPOSAL CONSIDERATIONS

Waste from
residues/unused products: can be land-filled in accordance with local and national regulations
Contaminated packaging: in accordance with local and national regulations

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

According to our data the product is not harmful within the meaning of the following directives: 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: Giftliste 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

16. OTHER INFORMATION

R-phrase(s): None

S-phrase(s): None

HMIS – Hazard Material Information System (U.S.A.)

Health: 0

Fire hazard: 1

Reactivity: 0

Personal Protection: E

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