

# Safety Data Sheet

Date: 2019-9-6-24

Issue No.: BC24061953818

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## SECTION1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade name Calcium stearate

### 1.2 Details of the supplier of the safety data sheet

#### Manufacturer /Supplier:

Dongguan Baoxu Chemical Technology.,ltd.

P:+86-0769-22821082 Fax:0769-22821083

Email:info@additivesforpolymer.com Web:www.additivesforpolymer.com

8th Chenwu East Road, Houjie Town, Dongguan City, Guangdong, China

#### Information department:

1.3 Emergency telephone number: 86-769-22821082

## SECTION 2: Hazards identification

### Emergency Overview

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 Harhmonized System(GHS): not a hazardous substance ( no signal word

Labelling Regulation(EC)No 1272/2008(CLP): not a hazardous substance ( no signal word

### SECTION3: Composition /information on ingrediants:

#### 3.1 Main Component Calcium salts of commercial stearic acid

Average molecular weight 586

INCI Name Calcium stearate

INN Name Calcium stearate

#### CAS#Designation:

Chemical Name	CAS No.	ECN o.	concentration
Calcium salts	1592-23-0	216-472-8	97%
Fatty Acid Calcium salts	85251-74-1	286-484-6	97%

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**After 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

**After skin contact** Wash skin with soap and water for at least 15 mins while removing contaminated clothing and shoes. Get medical attention if needed. Thoroughly clean and dry contaminated clothing and shoes before reuse.

**After eye contact** Flush eyes with plenty of water for at least 15 mins. Get immediate medical attention

**After swallowing** if in large quantity, 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 area.

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

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective

Avoid dust formation, do not smoke

### 6.2 Environment precautions:

Keep away from drain, ground water and soil

### 6.3 Methods and materials for containment and cleaning up:

Sweep up spilled substance but avoid making dust. Store it in a closed container

## SECTION 7: Handling and storage.

7.1 Handling: avoid dust formation and ignition sources

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

7.3 shelf life: 12 months

## SECTION 8: Exposure controls /personal protection

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8.1 Exposure limit values:

8.2 Exposure controls:

8.2.1 Occupational exposure controls

a) Respiratory protection: Respirator for inert particles

b) Handl protection: gloves

c) Eye protection: Safety goggles

d) Skin and body production: Lightweight protective clothing, use anti static 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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Form	Solid
Colour	slightly fatty

### Safety data

pH	7-9(20°C in water solution)
Melting point/freezing point	145-175°C
Boiling point	no data available
Flash point	200 °C(> 235.40°F(C.O.Cmethod)
Flammability:	20g/m3 for particle size <74
Ignition temperature	no data available
Auto-ignition Temperature	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Vapour pressure	no data available
Density	no data available
Water solubility	no data available
Partition coefficient: N-octanol/water	no data available
Relative vapour Density	no data available
Odour	no data available
Odour Threshold	no data available
Evapouration rate	no data available

## 10.STABILITY AND REACTIVITY

### Chemical stability

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

10.2 Material to avoid: alkalizes, oxidizers

10.3 Hazardous decomposition products:---

10.4 Reactivity: stable at room temperature

## 11. TOXICOLOGICAL INFORMATION

**LD50/oral/rat: > 10g/kg**

## 12. ECOLOGICAL INFORMATION

**Persistence e degradability:** biodegradable 28-95 days

### Toxicity

no data available

### Presistence and degradability

no data available

### Bioaccumulative potential

no data available

### PBT and vPvB assessment

no data available

### Other adverse effects

no data available

## SECTION 13: Disposal considerations

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

13.2 Contaminated packaging: n accordance with local and national regulations

### Contaminated packaging

## SECTION 14: Transport information

### ADR/RID

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

## SECTION 15: Regulatory information

Inventory:

TSCA: December 2006

DSL: Supplement to Canada Gazette, Part1, January 26, 1991

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

ENCS: NO 2-611

AICS: Austria, June 1996

ECL: Korean, January 1997, NO. KE-26347

SWISS: Giftliste 1 (List of toxic substances 1), 31 May 1999, No. G-7699

PICCS: 2000

NZIoC: 2006

IECSC: Registered 2013 (1441/1477)

German Water hazard class (WGK):

ID-Number: 3160

State of classification: 3

Classification under hazard to water: nwg

## **SECTION 16: Other information**

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 products.