



A KERRY® COMPANY

# SAFETY DATA SHEET

## Calcium Propionate

Ref.40094/5.1/REG\_USA/EU/EN

Revision Date: 14.02.2023

Previous date: 07.06.2021

Print Date: 14.02.2023

---

### **Section 1: Identification**

#### **Product information**

##### **Commercial Product Name**

Calcium Propionate; Probake CP, Calprona CP

##### **Reach Registration number:**

Not registered; exempted as Food and Feed additive

##### **Relevant identified uses of the substance or mixture and uses advised against**

###### **Use of the Substance/Mixture**

Preservative for food and feed products

###### **Recommended restrictions on use**

Reserved for industrial and professional use.

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

Niacet b.v.

P.O. Box 60

4000 AB Tiel

NETHERLANDS

Telephone +31 344-615224, Telefax. +31 344-611475

tiel@niacet.nl

Niacet Corporation

400 47<sup>th</sup> Street

Niagara Falls, NY

14304 U.S.A.

Telephone +1 716-285-1474 Telefax +1 716-285-1497

niacetcsr@niacet.com

#### **Emergency telephone number**

For Niacet b.v.Tiel, The Netherlands products: +31 344-615224

For Niacet Corporation, Niagara Falls, U.S.A. products: Chemtrec +1 (800) 424 9300, +1 (703) 527 3887

### **Section 2: Hazard(s) Identification**

#### **Classification of the substance or mixture**

**USA:** This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**EU:** Not a hazardous substance or mixture according to Regulation (EC) No. 1907/2006 and 1272/2008.

#### **Label elements**

**USA:** Not classified; No label required according to 29 CFR 1910.1200.

**EU:** Not a hazardous substance or mixture according to Regulation (EC) No. 1907/2006 and 1272/2008.

#### **Other hazards**

None known.



A KERRY® COMPANY

# SAFETY DATA SHEET

## Calcium Propionate

Ref.40094/5.1/REG\_USA/EU/EN

Revision Date: 14.02.2023

Previous date: 07.06.2021

Print Date: 14.02.2023

### Section 3: Composition/Information on Ingredients

#### Substances :

Calcium propionate : CAS 4075-81-4  
EINECS 223-795-8

### Section 4: First-Aid Measures

#### Description of first aid measures

##### Inhalation

Remove to fresh air. Keep patient warm and at rest. In case of feeling unwell, consult a physician.

##### Skin contact

Rinse with water.

##### Eye contact

Rinse with plenty of water. If symptoms persist, call a physician.

##### Ingestion

Rinse mouth with water. Obtain medical attention.

#### Most important symptoms and effects, both acute and delayed

Symptoms : No information available.

#### Indication of immediate medical attention and special treatment needed, if necessary

Treatment : No information available.

### Section 5: Fire-Fighting Measures

#### Extinguishing media

Water spray, Foam, Dry Chemical or Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media: None

#### Special hazards arising from the substance or mixture

No hazards to be specially mentioned.

#### Special protective actions for fire-fighters

Standard equipment for firefighting.

#### Specific methods

The product is not classified as flammable.

### Section 6: Accidental Release Measures

#### Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. For personal protection, see section 8.

#### Environmental precautions

Try to prevent the material from entering drains or watercourses.

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

Sweep up and shovel into suitable containers for disposal. Smaller spills can be flushed away with plenty of water to remove the product. Dispose of in compliance with local and national regulations.

### Section 7: Handling and Storage

#### Precautions for safe handling

Keep container closed when not in use. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

#### Conditions for safe storage, including any incompatibilities

Keep tightly closed in a dry place at ambient temperature. Store in original container. Materials to avoid: none known.



A KERRY® COMPANY

# SAFETY DATA SHEET

## Calcium Propionate

Ref.40094/5.1/REG\_USA/EU/EN

Revision Date: 14.02.2023

Previous date: 07.06.2021

Print Date: 14.02.2023

### Specific end uses

Food additive, Feed additive, Preservative.

### Section 8: Exposure Controls/Personal Protection

#### Exposure Limit Values

No Limits set

#### Exposure controls

#### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. In case of insufficient ventilation, wear suitable respiratory equipment.

#### Individual protection measures, such as personal protective equipment

#### Hand protection

Glove material: PVC

Glove material: Rubber gloves

#### Eye protection

Safety glasses with side-shields conforming to EN166.

#### Skin and body protection

Work clothing.

#### Respiratory protection

Respirator must be worn if exposed to dust. Respirator with a particle filter (EN 143) (filter P1).

### Section 9: Physical and Chemical Properties

Appearance (physical state, color, etc.): white solid, powder, granules

Odor: odorless

Odor threshold: No information available

pH: 7.5 - 9 (10 % w/w)

Melting point/freezing point: No information available

Initial boiling point and boiling range: No information available

Flash point: No information available

Evaporation rate: No information available

Flammability (solid, gas): Not classified as flammable

Upper/lower flammability or explosive limits: No data available

Vapor pressure: No information available

Vapor density: No information available

Relative density: 350 - 530 kg/m<sup>3</sup> / 22 - 33 lb/ft<sup>3</sup>

Solubility(ies): 428 kg/m<sup>3</sup> (0°C) / 26.7 lb/ft<sup>3</sup> (32°F)

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

Auto-ignition temperature: No information available

Decomposition temperature: >250°C / >482°F

Viscosity: No information available

### Section 10: Stability and Reactivity

#### Reactivity

No dangerous reaction known under conditions of normal use.

#### Chemical stability

Stable under normal conditions.



A KERRY® COMPANY

# SAFETY DATA SHEET

## Calcium Propionate

Ref.40094/5.1/REG\_USA/EU/EN

Revision Date: 14.02.2023

Previous date: 07.06.2021

Print Date: 14.02.2023

### Possibility of hazardous reactions

Hazardous reactions: None known.

### Conditions to avoid

Conditions to avoid: Stable under recommended storage conditions.

The product is slightly hygroscopic.

### Incompatible materials

Materials to avoid: No data available

### Hazardous decomposition products

Hazardous decomposition products: No data available

## Section 11: Toxicological Information

### Information on toxicological effects

#### Acute toxicity

LD50/Oral/rat: 5000 mg/kg

#### Irritation and corrosion

Skin:

Not classified as irritating for skin.

Eyes:

Not classified as irritating for eyes.

#### Sensitisation

No data available

#### Long term toxicity

No data available

### Human experience

Inhalation

Exposure to dust at high concentrations may cause Irritation.

Skin contact

Repeated or prolonged exposure may cause mild irritation.

Eye contact

May cause mild irritation.

## Section 12: Ecological Information

### Ecotoxicity effects

#### Aquatic toxicity

no data available

#### Toxicity to other organisms

no data available

### Persistence and degradability

Biological degradability:

Readily biodegradable

### Bioaccumulative potential

Bioaccumulation is unlikely.

Partition coefficient: No information available

### Mobility in soil

#### Mobility

Water solubility: 428 kg/m<sup>3</sup> (0°C) / 26.7 lb/ft<sup>3</sup> (32°F)

Water soluble. Stays in water phase. non-volatile



A KERRY® COMPANY

# SAFETY DATA SHEET

## Calcium Propionate

Ref.40094/5.1/REG\_USA/EU/EN

Revision Date: 14.02.2023

Previous date: 07.06.2021

Print Date: 14.02.2023

### Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT).

### Section 13: Disposal Considerations

#### Waste treatment methods

##### Product

Dispose of in compliance with local and national regulations.

### Section 14: Transport Information

#### UN number

##### Land transport

Not classified as dangerous in the meaning of transport regulations

##### Sea transport

Not classified as dangerous in the meaning of transport regulations

##### Air transport

Not classified as dangerous in the meaning of transport regulations

### Section 15: Regulatory Information

#### Safety, health and environmental regulations/legislation specific for the substance or mixture

U.S. TSCA Inventory Status: The components of this product are listed on the TSCA Inventory or are exempted from listing.

Water contaminating class: WGK 1 slightly water endangering  
(Germany)

### Section 16: Other Information

Last revised on 14 February 2023 by Niacet EHSQ department

#### Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.