SAFETY DATA SHEET
Sodium Propionate

Section 1: Identification
Product information
Commercial Product Name
Sodium Propionate, Probake SP, Calprona SP

Reach Registration number:
Exempted as approved Feed & Food additive

Relevant identified uses of the substance or mixture and uses advised against
Use of the Substance/Mixture
Food & Feed additive
Preservative

Recommended restrictions on use
Reserved for industrial and professional use.

Details of the supplier of the safety data sheet
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Emergency telephone number
For Niacet b.v.Tiel, The Netherlands products: +31 344-615224
For Niacet Corporation, Niagara Falls, U.S.A. products: +1 (800) 424 9300, +1 (202) 483-7616

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. 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. 1272/2008.

Other hazards
Eyes; May irritate eyes.
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Section 3: Composition/Information on Ingredients

Substances:
Sodium propionate: CAS 137-40-6
EINECS 205-290-4

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: May cause eye irritation.

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 (CO₂)

Special protective actions for fire-fighters
In the event of fire, wear self-contained breathing apparatus. Splash proof protective suit.

Specific methods:

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 water courses.

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.

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 and cool place. Store in original container.
Materials to avoid: no data available

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. Ensure that eyewash stations and safety showers are close to the workstation location.

Individual protection measures, such as personal protective equipment

Hand protection
Glove material: PVC
Glove material: Rubber gloves

Eye protection
Chemical resistant goggles must be worn.

Skin and body protection
Work clothing.

Respiratory protection
Respirator must be worn if exposed to dust.

Section 9: Physical and Chemical Properties

Appearance (physical state, color, etc.): white solid, powder, granules
Upper/lower flammability or explosive limits: No data available
Odor: odorless
Vapor pressure: No information available
Odor threshold: No information available
Vapor density: No information available
pH: 8-9.5 (10% w/w)
Melting point/freezing point: 210°C / 410°F
Initial boiling point and boiling range: No information available
Flash point: No information available
Evaporation rate: No information available
Flammability (solid, gas): No information available
Upper/lower flammability or explosive limits: No data available
Vapor pressure: No information available
Vapor density: No information available
Relative density: 1520 kg/m³ / 94.9 lb/ft³
Solubility(ies): 995 kg/m³ (20°C) / 62.1 lb/ft³ (68°F)
Partition coefficient: n-octanol/water: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
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.
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Possibility of hazardous reactions
Hazardous reactions: None known.
Conditions to avoid
Conditions to avoid: Stable under recommended storage conditions.
The product is 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: 5.600 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. Symptoms: Irritation
Skin contact
Repeated or prolonged exposure,
  May cause mild irritation. Eye contact
  May cause mild irritation. Ingestion
Symptoms: Abdominal pain, vomiting

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.

Mobility in soil
Mobility
Water solubility: 995 kg/m³ (20°C) / 62.1 lb/ft³ (68°F)
Water soluble. Stays in water phase. non-volatile
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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
Water contaminating class WGK 1 slightly water endangering
(Germany)

Section 16: Other Information

Last revised on 23 April 2018 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.