Section 1: Identification

Product information
Commercial Product Name
Probake NDV, Calcium Neutralized Dry Vinegar

Reach Registration number:
01-2119987569-11-0001

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

Recommended restrictions on use
Reserved for industrial and professional use.

Details of the supplier of the safety data sheet
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4000 AB Tiel
NETHERLANDS
Telephone +31 344-615224, Telefax. +31 344-611475
tiel@niacet.nl

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400 47th Street
Niagara Falls, NY
14304 U.S.A.
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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. 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.
Section 3: Composition/Information on Ingredients

Substances:
Calcium acetate: CAS 62-54-4
EINECS 200-540-9

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)
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 flammable but not readily ignited.

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, Preservative, Fertilizer.

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
Tightly fitting safety goggles.
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
Odor: odorless
Odor threshold: No information available
pH: 6-9 (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: 1500 kg/m³ / 93.6 lb/ft³
Solubility(ies): 353 kg/m³ (25°C) / 22.0 lb/ft³ (77°F)
Partition coefficient: n-octanol/water: No information available
Auto-ignition temperature: No information available
Decomposition temperature: >200°C
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.
SAFETY DATA SHEET

Probake NDV

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: 4280 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

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: 353 kg/m³ (25°C) / 22.0 lb/ft³ (77°F)
Water soluble. Stays in water phase. non-volatile
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

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 29 November 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.