Section 1: Identification

Product information
Commercial Product Name
Provian D

Relevant identified uses of the substance or mixture and uses advised against
Use of the Substance/Mixture
Meat Preservative

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 47th 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: Classification according to 29 CFR 1910.1200 (CLP):
Serious eye damage/eye irritation; Category 1; Causes serious eye damage.
EU: Classification according to Regulation (EU) 1272/2008(CLP):
Serious eye damage/eye irritation; Category 1; Causes serious eye damage.

Label elements
USA & EU (CLP):
Hazard pictograms:

Signal word: Danger

Hazard Statements:
H318 Causes serious eye damage
Precautionary statements: P305 + P351 + P338
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Prevention: P280
Wear protective gloves/ protective clothing/eye protection.

Response: P310
Immediately call a POISON CENTER or doctor/physician.

Hazardous components which must be listed on the label:
126-96-5 Sodium hydrogen di(acetate)

Further information: The product is classified and labelled in accordance with US and EC directives.

Other hazards: None known

**Section 3: Composition/Information on Ingredients**

**Hazardous Substances present in the product:**
Sodium diacetate : CAS 126-96-5
EINECS 204-814-9

Classification : Serious eye damage/eye irritation; Category 1; Causes serious eye damage.

Hazard Statements : H318

Other descriptions: Sodium hydrogen di(acetate)

Contains 24 % w/w Sodium diacetate

**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 plenty of water. If symptoms persist, call a physician.

**Eye contact**
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical advice.

**Ingestion**
Rinse mouth with water. Obtain medical attention.

**Most important symptoms and effects, both acute and delayed**
Symptoms : Risk of serious damage to eyes.

**Indication of immediate medical attention and special treatment needed, if necessary**
Treatment : Rinse with plenty of water. Seek medical advice.

**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
Heating can release hazardous gasses.
Sodium oxides, carbon oxides (COx), acetic acid

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

Specific methods
No special requirements.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
Avoid dust formation. Avoid contact with eyes. 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. Dispose of in compliance with local and national regulations.

Section 7: Handling and Storage

Precautions for safe handling
Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Do not breathe dust. Keep container closed when not in use.
Ensure that eyewash stations and safety showers are close to the workstation location.

Conditions for safe storage, including any incompatibilities
The product is very hygroscopic. Keep containers tightly closed in a dry, cool and well-ventilated place. Store in original container.
Materials to avoid: Acids and bases, oxidizing agents.

Specific end uses
Meat Preservative

Section 8: Exposure Controls/Personal Protection

Exposure Limit Values
Contains no substances with occupational exposure limit values.

Exposure controls

Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Provide appropriate exhaust ventilation at places where dust is formed. 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 or face-shield.

Skin and body protection
Work clothing.

Respiratory protection
Respirator must be worn if exposed to dust (with a P1 dustfilter).
Section 9: Physical and Chemical Properties

Appearance (physical state, color, etc.): white solid, powder, granules
Odor: very faint smell of acetic acid
Odor threshold: No information available
pH: 5.5-5.5 (1% 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): Non flammable
Upper/lower flammability or explosive limits: No data available
Vapor pressure: No information available
Vapor density: No information available
Relative density: approx. 500 kg/m³ / 31.2 lb/ft³
Solubility(ies): 50% w/w (25°C)/ (77°F)
Partition coefficient: n-octanol/water: No information available
Auto-ignition temperature: No information available
Decomposition temperature: No information 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.

Possibility of hazardous reactions
Hazards: None known.

Conditions to avoid
Stable under recommended storage conditions.
The product is very hygroscopic. Avoid moisture.

Incompatible materials
Acids and bases, oxidizing agents.

Hazardous decomposition products
Sodium oxides, carbon oxides (COx), acetic acid

Section 11: Toxicological Information

Information on toxicological effects

Acute toxicity
Sodium diacetate: LD50/Oral/rat: 5600 mg/kg
LD50 Dermal: >2000 mg/kg

Irritation and corrosion
Skin: Not classified as irritating for skin.
Eyes: Risk of serious damage to eyes.

Sodium diacetate: Skin: rabbit/72 h/OECD Test Guideline 404: No skin irritation
No skin irritation Not classified as irritating for skin.
Eyes: rabbit/24 h/OECD Test Guideline 405: Irreversible effects on the eye.
Causes serious eye damage.
Sodium hydrogen di(acetate):

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
Repeated or prolonged exposure: May cause mild irritation.
Ingestion
Repeated or prolonged exposure: May cause mild irritation

Carcinogenicity

IARC: No component of this product present at levels greater than 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Section 12: Ecological Information

Ecotoxicity effects
Aquatic toxicity
no data available

Sodium hydrogen di(acetate):
LC50/fish: 184.7 mg/l
Remarks: fresh water, By calculation according to the conventional method /Invertebrates.: 141 mg/l
Remarks: fresh water, Information given is based on data obtained from similar substances. /algae: 164 mg/l

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
Sodium hydrogen di(acetate):
Water solubility: 50% (25°C) / 50% (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

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 13-11-2017 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.