

Section 1: Identification**Product information****Commercial Product Name**

Provian K

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

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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



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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:	CAS 4251-29-0 Potassium diacetate
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:

Potassium diacetate : CAS 4251-29-0
EINECS 224-217-7

Other descriptions: Potassium hydrogen di(acetate)

Contains 5-30 % w/w Potassium 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.

Potassium oxides, carbon oxides (CO_x), acetic acid

Special protective actions for fire-fighters



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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 dust filter).

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: 5-6 (1% w/w)



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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. 750 kg/m³ / 46.8 lb/ft³
Solubility(ies): soluble
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

Hazardous reactions: None known.

Conditions to avoid

Conditions to avoid: Stable under recommended storage conditions.

The product is very hygroscopic. Avoid moisture.

Incompatible materials

Materials to avoid: Acids and bases, oxidizing agents.

Hazardous decomposition products

Hazardous decomposition products: Potassium oxides, carbon oxides (CO_x), acetic acid

Section 11: Toxicological Information

Information on toxicological effects

Acute toxicity

No data available

Irritation and corrosion

Skin:

No data available

Eyes:

Risk of serious damage to 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.



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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

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

Potassium 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



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are exempted from listing.

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

Section 16: Other Information

Last revised on 10 July 2015 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.