

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### Product information

**Commercial Product Name**  
Potassium diacetate

### Use of the Substance/Mixture

Meat preservative.

### Company/Undertaking Identification

Niacet b.v.  
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4000 AB Tiel  
NETHERLANDS  
Telephone +31 344-615224, Telefax. +31 344-611475  
[Tiel@Niacet.nl](mailto:Tiel@Niacet.nl)

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14304 U.S.A.  
Telephone +1 716-285-1474 Telefax +1 716-285-1497  
[niacetcsr@niacet.com](mailto:niacetcsr@niacet.com)

### Emergency telephone

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

## 2. HAZARDS IDENTIFICATION

### Classification of the substance or mixture

#### Classification according to Regulation (EU) 1272/2008(CLP)

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

#### Classification according to EU Directives 67/548/EEC or 1999/45/EC

Irritant; Risk of serious damage to eyes.

### Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :





# SAFETY DATA SHEET

## Potassium diacetate

Ref. 47631/3.0/REG\_EU/EN

Revision Date: 24.10.2014

Previous date: 19.03.2013

Print Date:24.10.2014

<b>Signal word</b>	:	Danger
<b>Hazard statements</b>	:	H318 Causes serious eye damage.
<b>Precautionary statements</b>	:	P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
		<b>Prevention:</b>
		P280 Wear protective gloves/ protective clothing/ eye protection.
		<b>Response:</b>
		P310 Immediately call a POISON CENTER or doctor/ physician.

Hazardous components which must be listed on the label:  
4251-29-0 Potassium hydrogen diacetate

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

### 2.3 Other hazards

**Advice;** This substance is not considered to be persistent, bioaccumulating nor toxic (PBT).  
Irritant; Risk of serious damage to eyes.  
May irritate skin.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous components

Chemical name	Identification	Concentration	Classification	
			67/548/CEE	1272/2008
Potassium hydrogen diacetate	CAS: 4251-29-0 EINICS: 224-217-7	>=98 %	Irritant Xi, R41	H318

## 4. FIRST AID MEASURES

### Description of first aid measures

#### General advice

Wash hands with water as a precaution. Ensure that eyewash stations and safety showers are close to the workstation location. Get medical attention immediately if symptoms occur.

#### Inhalation

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

#### Skin contact

Rinse with water. Wash off immediately with plenty of water removing all contaminated clothes and shoes. If symptoms persist, call a physician.

#### Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes. If symptoms persist, call a physician.



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#### Ingestion

Rinse mouth with water. Do NOT induce vomiting. If vomiting occurs naturally, lean victim forward to reduce risk of aspiration. Rinse mouth. Obtain medical attention.

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

Symptoms : Redness

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

Treatment : If eye irritation persists: Get medical advice/ attention.

## 5. FIRE-FIGHTING MEASURES

#### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Specific hazards during fire fighting

Hazardous fumes may be released.

#### Special protective actions for fire-fighters

In the event of fire, wear self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions

Avoid contact with skin, eyes and clothing. For personal protection see section 8.

#### Environmental precautions

Try to prevent the washing water from entering drains or water courses.

#### Methods for cleaning up

Take up mechanically and collect into suitable containers for disposal. Smaller spills can be flushed away with plenty of water to remove the product.

## 7. HANDLING AND STORAGE

#### Handling

Ensure adequate ventilation, especially in confined areas. Avoid dust formation during handling. Avoid contact with skin, eyes and clothing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### Storage

Store in original container. Keep in a dry, cool place.

Materials to avoid:

Oxidizing agents, Strong acids

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure Limit Values

#### Exposure controls

#### Occupational exposure controls

Handle in accordance with good industrial hygiene and safety practice.

#### Respiratory protection



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Effective dust mask.

#### Hand protection

Glove material: PVC and neoprene gloves

#### Eye protection

Tightly fitting safety goggles

#### Skin and body protection

Work clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General Information (appearance, odour)

Physical state	solid, crystalline
Colour	white
Odour	vinegar-like

### Important health safety and environmental information

pH	4,5 - 5,0 ( 10 %)
Explosive properties:	
Lower explosion limit	no data available
Upper explosion limit	no data available
Density	0,83 g/cm <sup>3</sup>
Solubility:	
Water solubility	1.700 g/l ( 20 °C)

#### Other data

## 10. STABILITY AND REACTIVITY

### Conditions to avoid

Stable under normal conditions. The product is very hygroscopic.

### Materials to avoid

Oxidizing agents, Strong acids

### Hazardous decomposition products

carbon oxides (COx), Organic acids

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

There is no data available for this product.

### Irritation and corrosion

Skin: May cause skin irritation.

Eyes: Irritating to eyes. Risk of serious damage to eyes.



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#### Sensitisation

There is no data available for this product.

#### Long term toxicity

Other information

There is no data available for this product.

## 12. ECOLOGICAL INFORMATION

#### Ecotoxicity effects

##### Aquatic toxicity

There is no data available for this product.

##### Toxicity to other organisms

There is no data available for this product.

#### Mobility

Water solubility: 1.700 g/l ( 20 °C)

#### Persistence and degradability

##### Biological degradability:

no data available

#### Bioaccumulative potential

The product is not expected to bioaccumulate.

#### Other adverse effects

None known.

## 13. DISPOSAL CONSIDERATIONS

##### Product

Must be disposed of in accordance with local and national regulations.

##### Contaminated packaging

Must be disposed of in accordance with local and national regulations.

## 14. TRANSPORT INFORMATION

#### UN-Number



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#### **Packing group**

#### **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.



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## 15. REGULATORY INFORMATION

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

Other regulations : Not listed

### Chemical Safety Assessment

A Chemical Safety Assessment has been carried out for this substance.

## 16. OTHER INFORMATION

### Full text of H-Statements referred to under section 3.

H318 Causes serious eye damage.

### Text of R-phrases mentioned in Section 3

R41 Risk of serious damage to eyes.

### Training advice

Read the safety data sheet before using the product.

### 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.

### Sources of key data used to compile the Safety Data Sheet

Regulations, databases, literature, own tests.

### Additions, Deletions, Revisions

Relevant changes have been marked with vertical lines.