



SAFETY DATA SHEET

Sodium Acetate trihydrate

Ref. 40073/3.0/REG_EU/EN

Revision Date: 12.03.2015

Previous date: 11.06.2013

Print Date:12.03.2015

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

1.1 Product information

Commercial Product Name

Sodium Acetate trihydrate

Registration number:

01-2119485123-42 (NL)

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture

Food additive
Pharmaceuticals
Catalyst
Detergent additive
Preservative

Recommended restrictions on use

Reserved for industrial and professional use.

1.3 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

1.4 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



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2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

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

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.;

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

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.3 Other hazards

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Chemical nature : Sodium acetate trihydrate (CAS: 6131-90-4, EINECS: 204-823-8)

Remarks : No dangerous ingredients according to Regulation (EC) No. 1907/2006

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

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

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : May cause mild eye/skin irritation.



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

Treatment : No information available.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Extinguishing media : Carbon dioxide (CO₂)
Water spray
Dry chemical

5.2 Special hazards arising from the substance or mixture

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

5.3 Special protective actions for fire-fighters

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

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. For personal protection see section 8.

6.2 Environmental precautions

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

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel into suitable containers for disposal. After cleaning must be rinsed with plenty of water.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep container closed when not in use. Avoid contact with skin, eyes and clothing.

7.2 Conditions for safe storage, including any incompatibilities

Store in closed original packing, dry and at room temperature. Do not stack the pallets.

Materials for packaging

Suitable material: original container

Materials to avoid:

None known.

7.3 Specific end uses

Food additive, Cosmetic additive, Pharmaceutical, Intermediate, De-icing.



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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure Limit Values

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. When using do not eat, drink or smoke. Avoid contact with skin, eyes and clothing. Keep away from food and drink. Do not breathe dust. In case of insufficient ventilation, wear suitable respiratory equipment. Ensure that eyewash stations and safety showers are close to the workstation location.

8.2.2 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

In case of insufficient ventilation wear suitable respiratory equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

General Information (appearance, odour)

Physical state solid, crystalline

Colour white

Odour odourless

Important health safety and environmental information

pH 8 - 9,5 (10 %
(as aqueous solution)

Melting point/range 58 °C

Flash point no data available



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Explosive properties:

Lower explosion limit	no data available
Upper explosion limit	no data available
Density	no data available 1.450 kg/m ³ 800 kg/m ³ loose
Solubility(ies):	
Water solubility	762 kg/m ³ (0 °C) 1.250 kg/m ³ (25 °C)
Thermal decomposition	300 - 400 °C

9.2 Other data

Surface tension	not applicable
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10. STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

hygroscopic

10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Conditions to avoid : Stable under normal conditions.

10.5 Incompatible materials

Materials to avoid : None known.

10.6 Hazardous decomposition products

Thermal decomposition : 300 - 400 °C

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD50/Oral/rat: 3.530 mg/kg



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Irritation and corrosion

Skin:
Not classified as irritating for skin.

Eyes:
Not classified as irritating for eyes.

Sensitisation

no data available

Long term toxicity

Other information

no data available

Human experience

Skin contact
Repeated or prolonged exposure,
May cause mild irritation.
Eye contact
May cause mild irritation.
Ingestion
Symptoms: Abdominal pain, vomiting

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity effects

Aquatic toxicity EC50/48 h/Daphnia: > 1.000 mg/l

Toxicity to other organisms

no data available

12.2 Persistence and degradability

Biological degradability:

Readily biodegradable



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12.3 Bioaccumulative potential

Bioaccumulation is unlikely.

12.4. Mobility in soil

Mobility

Water solubility: 762 kg/m³ (0 °C)

1.250 kg/m³ (25 °C)

Surface tension: not applicable

Water soluble. Stays in water phase. non-volatile

12.5. Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT).

12.6 Other adverse effects

None known.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Dispose of in compliance with local and national regulations.

14. TRANSPORT INFORMATION

14.1 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.

14.6 Special precautions for user

Not classified as dangerous in the meaning of transport regulations.



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15. REGULATORY INFORMATION

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

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

15.2 Chemical Safety Assessment

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

16. OTHER INFORMATION

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.