


<p>Page 1 of 4</p> <p>Print Date 26.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Natriumacetat-Trihydrat cryst.</p>	 <p>Revision Date 26.11.2018</p>
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1 Identification of the substance/mixture and of the company/undertaking

• **Informations to product No. 2424**

• **Product name:**

Natriumacetat-Trihydrat cryst.

Natrii acetat trihydricus
Sodium acetate trihydrate

• **Supplier of the Product / responsible Company:**

Caesar & Loretz GmbH
Herderstr. 31
40721 Hilden
Tel.: 02103/4994-0
Fax: 02103/32360
e-mail: info@caelo.de

• **Emergency telephone:**

Giftinformationszentrum Mainz
Langenbeckstr. 1, 55131 Mainz
Tel.: 06131/19240

• **Relevant identified uses of the substance or mixture and uses advised against:**

No further relevant information available.

• **Application of the substance / mixture:**

Ingredient for pharmaceutical drugs or active pharmaceutical ingredient.

2 Hazards identification

• **Hazards identification:** The substance is not classified as dangerous according to European Union legislation.

3 Composition / information on ingredients

• **Chemical characterization:**

CAS-No. Substance name

6131-90-4 Sodium acetate-trihydrate


• **EINECS-No.:** 204-823-8

• **REACH Reg. No.:** 01-2119485123-42-0000

• **INCI-Name:** Sodium Acetate

4 First aid measures

- **after skin contact:** Wash away with plenty of water. Remove contaminated clothing.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open.
- **after swallowing:** (big quantities): If feeling unwell seek medical advice.

<p>Page 2 of 4</p> <p>Print Date 26.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Natriumacetat-Trihydrat cryst.</p>	 <p>Revision Date 26.11.2018</p>
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5 Fire-fighting measures

- **Suitable extinguishing media:** All regular extinguishing media can be used. Select fire fighting measures suitable to surrounding environment.
- **Specific hazards during fire fighting:** Combustible. In case of fire dangerous vapours/gases can be generated: Acetic acid..
- **Special protective equipment for fire-fighters:** Suitable protective clothes and respiratory protection.
- **Additional information:** Prevent fire extinguishing water from contaminating surface water, the ground water system or soil. Residues must be deposited according to local regulations.

6 Accidental release measures:

- **Personal protective measures:** Avoid dust formation and contact with substance.
- **Environmental protective measures:** Prevent from entering into drains.
- **Methods for cleaning:** Take up dry. Disposal according to Chapter 13 of this MSDS. Clean up with water.

7 Handling and storage


- **Handling:** No special requirements.
- **Storage:**
- **Requirements for storage areas and containers:** Tightly closed. Store at a dry place. At room temperature (+15°C to +25°C).

8 Exposure controls / personal protective equipment

- **Personal protective equipment:**
- **General protective and hygiene measures:** The usual precaution measures during handling of chemicals are to observe.
- **Respiratory protection:** Dust protection mask.
- **Hand protection:** Protection gloves of latex or rubber
- **Eye protection:** Safety glasses

9 Physical and chemical properties

- **Form:** solid
- **Colour:** white
- **Odour:** faint odour of acetic acid
- **Melting point / melting range:** 58 °C
- **Boiling point / boiling range:** 123 °C releasing of crystal water
- **Density:** (20 °C) 1,42 g/cm³
- **Bulk density:** ca. 900 kg/cbm
- **Solubility in / Miscibility with**
- **Water:** (20 °C) 613 g/l
- **pH-range:** (50 g/l, 20 °C) 7,5 - 9,2

<p>Page 3 of 4</p> <p>Print Date 26.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Natriumacetat-Trihydrat cryst.</p>	 <p>Revision Date 26.11.2018</p>
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10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** Release of crystal water above 120°C, thermal decomposition above 400 °C
- **Materials to avoid:** Strong oxidants and acids.
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** Acetic acid

11 Toxicological information

- **Acute toxicity:**
LD50 (oral,Rat): 3530 mg/kg (anhydrous Substance)
LD50 (inhal,Rat): > 30 mg/kg/1h (anhydrous Substance). Slight irritations of mucous membranes.
LD50 (dermal,Rabbit): > 10000 mg/kg (anhydrous Substance)
- **Primary irritant effect:** Slight irritations of mucous membranes.
- **Additional toxicological informations:** In case of appropriate handling and usage the product does not cause harmful effects.

12 Ecological information

- **Aquatic toxicity:**
Fishes: *Lepomis macrochirus* LC50 (24 h) 5.000 mg/l
Daphnia: *Daphnia magna* EC50 (48 h) > 1.000 mg/l
Bacteria: *Pseudomonas putida* EC50 (18 h) > 7.200 mg/l
- **Persistence and degradability:** Readily biodegradable (99%, 28d)
- **General advices:**
In case of appropriate handling and usage the product does not cause harmful ecological effects.
- **log p(O/W):** - 4,22
- **Water hazard class:** 1 (VwVwS): slightly hazardous for water.

13 Disposal considerations


- **Product:**
- **Recommendation:** Disposal according to local regulations as pharmaceutical waste.
- **Empty contaminated packaging:**
- **Recommendation:** Disposal according to the local regulations.

14 Transport informations

- **Land transport according to ADR:**
Not classified as dangerous in the meaning of transport regulations.

15 Regulatory information

- **Labelling according to actual legislation (GHS, Globally Harmonized System of Classification and Labelling of Chemicals):**
The product does not need to be labelled according to GHS-regulations.

<p>Page 4 of 4</p> <p>Print Date 26.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Natriumacetat-Trihydrat cryst.</p>	 <p>Revision Date 26.11.2018</p>
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- **National regulations (Germany):**
- **Water hazard class:** see chapter 12
- **Storage class TRGS 510:** 13

16 Other Information

The information provided in this MSDS is correct to the best of our knowledge at the date of edition.

- **Reason for last revision:** Adjustment to regulation (EC) 1907/2006 (REACH) and GHS-labelling system.