


<p>Page 1 of 4</p> <p>Print Date 20.05.2019</p>	<p><b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Natriumlactat-Lösung 50%</p>	 <p>Revision Date 20.05.2019</p>
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## 1 Identification of the substance/mixture and of the company/undertaking

· **Informations to product No. 7455**

· **Product name:**

### **Natriumlactat-Lösung 50 %** Natrii lactatis solutio

· **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**

72-17-3 Sodium lactate (50%)

· **EINECS-No.:** 200-772-0

· **REACH Reg. No.:** 01-2119969948-09-0000

· **INCI-Name:** Sodium Lactate

**CAS-No. Substance name**

7732-18-5 Water

· **EINECS-Nr.:** 231-791-2


· **REACH Reg. No.:** Exempted from the obligation to register according to Annex 4 / 5 REACH-regulation.

· **INCI-Name:** Aqua

## 4 First aid measures

· **after inhalation:** Fresh air.

· **after skin contact:** Wash away with plenty of water, remove contaminated clothes.

<p>Page 2 of 4</p> <p>Print Date 20.05.2019</p>	<p><b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Natriumlactat-Lösung 50%</p>	 <p>Revision Date 20.05.2019</p>
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- **after eye contact:** Rinse out with plenty of water with the eyelid wide open.
- **after swallowing:** (big quantities): If feeling unwell seek medical advice.

## 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, but not flammable. In case of fire dangerous vapours/gases can be generated: Smoke gases.
- **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:** Do not inhale vapours/aerosols.
- **Methods for cleaning:** Absorb with liquid-binding material: Sand, silica gel, acid binder, universal binder, saw dust.

## 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


### Components with limit values that require monitoring at the workplace:

The product does not contain relevant quantities of substances with limit values that require monitoring at the workplace.

- **Personal protective equipment:**
- **General protective and hygiene measures:**  
The usual precautions during handling of chemicals are to observe.
- **Respiratory protection:** Required if vapours/aerosols are generated.
- **Hand protection:** Not required.
- **Eye protection:** Safety glasses.

## 9 Physical and chemical properties

- **Form:** liquid
- **Colour:** colourless
- **Odour:** odourless
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** 110 °C
- **Flash point:** not determined
- **Density:** (20 °C) 1,28 g/cm<sup>3</sup>
- **Solubility in / Miscibility with**

<p>Page 3 of 4</p> <p>Print Date 20.05.2019</p>	<p><b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Natriumlactat-Lösung 50%</p>	 <p>Revision Date 20.05.2019</p>
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- **Water:** completely miscible
- **pH-range:** (20 °C) 6

## 10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:**  
No decomposition during appropriate use.
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** none

## 11 Toxicological information

- **Acute toxicity:** Quantitative toxicological data for this product are not available. Food ingredient.
- **Additional toxicological informations:**  
In case of appropriate handling and usage the product does not cause harmful effects.

## 12 Ecological information

- **Information about elimination (persistence and degradability):**  
Quantitative data about ecological effects of this product are not available. Readily biodegradable.
- **Water hazard class:** 1 (self classification): 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.
- **National regulations (Germany):**
- **Water hazard class:** see chapter 12
- **Storage class TRGS 510:** 12
- **VbF class:** -

<p>Page 4 of 4</p> <p>Print Date 20.05.2019</p>	<p><b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Natriumlactat-Lösung 50%</p>	 <p>Revision Date 20.05.2019</p>
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## 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.