


<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>Natriummonohydrogenphosphat- Heptahydrat</p>	 <p>Revision Date 26.11.2018</p>
---	---	---

1 Identification of the substance/mixture and of the company/undertaking

- **Informations to product No.2466**
- **Product name:**

Natriummonohydrogenphosphat-Heptahydrat

Dinatrii phosphas heptahydricus, Na. phosphoricum sicc.

Sodium monohydrogenphosphate heptahydrate

- **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

- **Hazard classification:**

The substance is not classified as dangerous according to European Union legislation.

3 Composition / information on ingredients

- **Chemical characterization:**

CAS-No. Substance name

7782-85-6 Sodium monohydrogenphosphate heptahydrate


- **EINECS-No.:** 231-448-7

- **REACH Reg. No.:** 01-2119489797-11-0000

- **INCI-Name:** Disodium Phosphate

4 First aid measures

- **after inhalation:** Fresh air. If feeling unwell seek medical advice.
- **after skin contact:** Wash away with water. Remove contaminated clothing.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open.
- **after swallowing:** Drink water. Induce vomiting. 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>Natriummonohydrogenphosphat- Heptahydrat</p>	 <p>Revision Date 26.11.2018</p>
---	---	---

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:** None. Not combustible.
- **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:** Required if dusts are generated.
- **Hand protection:** Protection gloves of latex or rubber
- **Eye protection:** Safety glasses

9 Physical and chemical properties

- **Form:** solid
- **Colour:** white
- **Odour:** odourless
- **Melting point / melting range:** 48 °C
- **Density:** (20 °C) 1,68 g/cm³
Bulk density: ca. 800 kg/cbm
- **Solubility in / Miscibility with**
- **Water:** (20 °C) 154 g/l
- **pH-range:** (50 g/l, 20 °C) 8,7 - 9,3

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** Avoid strong heating. Thermal decomposition (release of crystal water above ca. 48 °C)

Page 3 of 4 Print Date 26.11.2018	Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) Natriummonohydrogenphosphat- Heptahydrat	 Revision Date 26.11.2018
--	---	---

- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** none.

11 Toxicological information

- **Acute toxicity:** LD50 (oral, Rat): 12930 mg/kg (RTECS)
In case of appropriate handling and usage the product does not cause harmful effects
- **Primary irritant effect:** Slight irritant effect after longer exposition on skin and eyes.

12 Ecological information

- **Aquatic toxicity:**
Fish toxicity: *Gambusia affinis* LC50: 465 mg/l/48h (anhydrous Substance)
Baphnia toxicity: *Daphnia magna* EC50: 1089 mg/l/48h (anhydrous Substance)
Phosphates can contribute depending on their concentrations to overfertilisation of waters.
- **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.
- **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.

<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>Natriummonohydrogenphosphat- Heptahydrat</p>	 <p>Revision Date 26.11.2018</p>
---	---	---