

**Safety Data Sheet**

According to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 12.03.2021

Print date: 26.10.2021

**Regenerating salt**

Version: 3.3

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

- 1.1. **Product identifier**  
Trade name/designation Salt Tablets
  
- 1.2. **Relevant identified uses of the substance or mixture and uses advised against**
- 1.3. **Details of the supplier of the safety data sheet**  
**supplier (manufacturer/importer/downstream user/distributor)**  
 technotrans solutions GmbH  
 Scherl 10 Telephone: +49 2354 7060 0  
 D-58540 Meinerzhagen Telefax: +49 2354 7060 150  
**Department responsible for information:**  
 Safety department  
 E-mail [info-solutions@technotrans.de](mailto:info-solutions@technotrans.de)
- 1.4. **Emergency telephone number**  
Emergency telephone number Emergency call Berlin +49 (0) 30 30686700

**SECTION 2: Hazards identification**

- 2.1. **Classification of the substance or mixture**  
**Classification according to Regulation (EC) No 1272/2008 [CLP]**
  
- 2.2. **Label elements**  
The product is classified and labelled according to EC directives or corresponding national laws.  
**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**  
**Hazard pictograms**  
  
**Hazard statements**  
not applicable  
**Precautionary statements**  
not applicable  
**Hazard components for labelling**  
not applicable  
**Supplemental hazard information**  
not applicable
- 2.3. **Other hazards**  
No information available.

**SECTION 3: Composition / information on ingredients**

- 3.1. **Substances**  
**Description**  
**Hazardous ingredients**  
**Classification according to Regulation (EC) No 1272/2008 [CLP]**

EC No.	REACH No. Designation	weight-%
CAS No.	classification: // Remark	
Index No.		

not applicable

**Additional information**  
Full text of classification: see section 16

**SECTION 4: First aid measures**

- 4.1. **Description of first aid measures**

**General information**

In all cases of doubt, or when symptoms persist, seek medical advice.

In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

**In case of inhalation**

Remove casualty to fresh air and keep warm and at rest.

In case of irregular breathing or respiratory arrest provide artificial respiration.

**Following skin contact**

Take off immediately all contaminated clothing.

Avoid contact with eyes and skin.

**After eye contact**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Seek medical advice immediately.

**Following ingestion**

If swallowed, rinse mouth with water (only if the person is conscious).

Seek medical advice immediately.

Keep victim calm.

**4.2. Most important symptoms and effects, both acute and delayed**

In all cases of doubt, or when symptoms persist, seek medical advice.

**4.3. Indication of any immediate medical attention and special treatment needed**

First Aid, decontamination, treatment of symptoms.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

No special prevention methods are necessary.

**Unsuitable extinguishing media****5.2. Special hazards arising from the substance or mixture****5.3. Advice for firefighters**

Wear a self-contained breathing apparatus and chemical protective clothing.

**Additional information**

Do not allow water used to extinguish fire to enter drains, ground or waterways.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protection equipment. Provide adequate ventilation. Do not breathe dust.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

**6.3. Methods and material for containment and cleaning up**

Take up mechanically, placing in appropriate containers for disposal.

**6.4. Reference to other sections**

Observe protective provisions (see section 7 and 8).

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advices on safe handling**

Avoid contact with eyes and skin. If handled uncovered, arrangements with local exhaust ventilation should be used if possible. When using do not eat, drink or smoke.

**7.2. Conditions for safe storage, including any incompatibilities****Packaging materials:**

Unsuitable container/equipment material: Metal

**Requirements for storage rooms and vessels**

Keep container tightly closed in a cool, well-ventilated place.

**Hints on joint storage**

Do not store together with: Acid, Oxidizing agent

**Further information on storage conditions**

Take care of instructions on label.

7.3. **Specific end use(s)**

Observe technical data sheet. Observe instructions for use.

**SECTION 8: Exposure controls/personal protection**

8.1. **Control parameters**

**Occupational exposure limit values**

not applicable

8.2. **Exposure controls**

Provide good ventilation. This can be achieved with local or room suction.

**Personal protection equipment**

**Respiratory protection**

Use only respiratory protection equipment with CE-symbol including four digit test number.

**Hand protection**

For prolonged or repeated handling the following glove material must be used:

Thickness of the glove material > 0,4 mm ; Breakthrough time: > 480 min.

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles EN ISO 374

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

**Eye/face protection**

**Body protection**

Wear suitable protective clothing, gloves and eye/face protection.

**Protective measures**

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

**Environmental exposure controls**

Do not allow to enter into surface water or drains. See section 7. No additional measures necessary.

**SECTION 9: Physical and chemical properties**

9.1. **Information on basic physical and chemical properties**

**Appearance:**

<b>Physical state:</b>	<b>solid</b>
<b>Colour:</b>	<b>white</b>

<b>Odour:</b>	<b>characteristic</b>
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<b>Odour threshold:</b>	<b>not applicable</b>
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<b>pH at 20 °C:</b>	<b>6</b>
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<b>Melting point/freezing point:</b>	<b>801 °C</b>
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<b>Initial boiling point and boiling range:</b>	<b>461 °C</b>
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<b>Flash point:</b>	<b>not applicable</b>
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<b>Evaporation rate:</b>	<b>not applicable</b>
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**flammability**

<b>Burning time:</b>	<b>not applicable</b>
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**Upper/lower flammability or explosive limits:**

<b>Lower explosion limit:</b>	<b>not applicable</b>
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<b>Upper explosion limit:</b>	<b>not applicable</b>
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<b>Vapour pressure at 20 °C:</b>	<b>not applicable</b>
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<b>Vapour density:</b>	<b>not applicable</b>
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<b>Relative density:</b>	
<b>Density at 20 °C:</b>	<b>2,16 g/cm³</b>
<b>Solubility(ies):</b>	
<b>Water solubility at 20 °C:</b>	<b>358</b>
<b>Partition coefficient: n-octanol/water:</b>	<b>see section 12</b>
<b>Auto-ignition temperature:</b>	<b>not applicable</b>
<b>Decomposition temperature:</b>	<b>not applicable</b>
<b>Viscosity at °C:</b>	<b>fest</b>
<b>Explosive properties:</b>	<b>not applicable</b>
<b>Oxidising properties:</b>	<b>not applicable</b>

9.2. **Other information**

<b>Solid content:</b>	<b>100,00 weight-%</b>
<b>solvent content:</b>	
<b>Organic solvents:</b>	<b>0 weight-%</b>
<b>Water:</b>	<b>0 weight-%</b>

**SECTION 10: Stability and reactivity**

10.1. **Reactivity**

No information available.

10.2. **Chemical stability**

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.3. **Possibility of hazardous reactions**

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4. **Conditions to avoid**

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.5. **Incompatible materials**

No information available.

10.6. **Hazardous decomposition products**

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.:

**SECTION 11: Toxicological information**

Classification according to Regulation (EC) No 1272/2008 [CLP]

11.1. **Information on toxicological effects**

**Acute toxicity**

Salt Tablets

oral, LD50, Rat: 3000 mg/kg

dermal, LD50, Rabbit: > 10000 mg/kg

**Skin corrosion/irritation; Serious eye damage/eye irritation**

Salt Tablets

Skin

non-irritant.

eyes

slightly irritant

**Respiratory or skin sensitisation**

Salt Tablets

Skin:

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

Based on available data, the classification criteria are not met.

**STOT-single exposure; STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Practical experience/human evidence**

**Overall Assessment on CMR properties**

This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.

**SECTION 12: Ecological information**

Classification according to Regulation (EC) No 1272/2008 [CLP]

Do not allow to enter into surface water or drains.

**12.1. Toxicity**

Salt Tablets

Fish toxicity, LC50: > 7650 mg/L (96 h)

Daphnia toxicity, EC50, Daphnia magna (Big water flea): 1000 mg/L (48 h)

Acute (short-term) daphnia toxicity, LC50:: > 3000 mg/L (24 h)

Algae toxicity, EC50: 4800 mg/L

**Long-term Ecotoxicity**

Toxicological data are not available.

**12.2. Persistence and degradability**

Toxicological data are not available.

**12.3. Bioaccumulative potential**

Toxicological data are not available.

**Bioconcentration factor (BCF)**

Toxicological data are not available.

**12.4. Mobility in soil**

Toxicological data are not available.

**12.5. Results of PBT and vPvB assessment**

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

**12.6. Other adverse effects**

No information available.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Appropriate disposal / Product Recommendation**

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way.

**Appropriate disposal / Package Recommendation**

Non-contaminated packages may be recycled.

**SECTION 14: Transport information**

**No dangerous good in sense of this transport regulation.**

**14.1. UN number**

not applicable

**14.2. UN proper shipping name**

**14.3. Transport hazard class(es)**

not applicable

**14.4. Packing group**

not applicable

**14.5. Environmental hazards**

Land transport (ADR/RID)

not applicable

Marine pollutant

not applicable

**14.6. Special precautions for user**

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

**Further information**

**Land transport (ADR/RID)**

tunnel restriction code -

**Sea transport (IMDG)**

EmS-No. not applicable

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

not applicable

**SECTION 15: Regulatory information**

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

**EU legislation**

**Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive]**

VOC-value (in g/L): 0

**National regulations**

**Restrictions of occupation**

**Substance/product listed in the following inventories:**

- AICS keine Information (AICSK-EN.rtf)
- DSL keine Information (DSLK-EN.rtf)
- EHS no information (EHS-EN.rtf)
- IECSC keine Information (IECSCK-EN.rtf)
- KECI keine Information (KECIK-EN.rtf)
- MITI keine Information (MITIK-EN.rtf)
- NZLoC no information (NZLoCK-EN.rtf)
- PICCS keine Information (PICCSK-EN.rtf)
- TCSI no information (TCSIK-EN.rtf)
- Not listet in TOXIC SUBSTANCES CONTROL ACT (TSCA)

**15.2. Chemical Safety Assessment**

For this substance a chemical safety assessment has not been carried out.

**SECTION 16: Other information**

**Abbreviations and acronyms**

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
OEL	Occupational Exposure Limit Value
BLV	Biological Limit Value
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	Carcinogenic, Mutagenic and Reprotoxic
DIN	German Institute for Standardization / German industrial standard
DNEL	Derived No-Effect Level
EAKV	European Waste Catalogue Directive
EC	Effective Concentration
EC	European Community
EN	European Standard
IATA-DGR	International Air Transport Association – Dangerous Goods Regulations
IBC Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO-TI	International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG Code	International Maritime Code for Dangerous Goods
ISO	International Organization for Standardization
LC	Lethal Concentration
LD	Lethal Dose
MARPOL	Maritime Pollution: The International Convention for the Prevention of Pollution from Ships

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OECD	Organisation for Economic Cooperation and Development
PBT	persistent, bioaccumulative, toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
UN	United Nations
VOC	Volatile Organic Compounds
vPvB	very persistent and very bioaccumulative

**Further information**

Classification according to Regulation (EC) No 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in section 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.