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

1.1. Product identifier

Product name: SODIUM CHLORIDE
REACH registered number(s): EXEMPTION UNDER ANNEX V
CAS number: 7647-14-5
EINECS number: 231-598-3
Synonyms: SALT

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

Company name: Monarch Chemicals Limited
New Road
Sheerness
Kent
ME12 1LZ
United Kingdom
Tel: 01795 583333 (09:00 - 17:00 Mon-Fri)
Fax: 01795 583300
Email: sales@monarchchemicals.co.uk

1.4. Emergency telephone number

Emergency tel: 07711 009064 (Out of Hours)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: -:
Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

PBT: This substance is not identified as a PBT substance.

[cont...]
SAFETY DATA SHEET
SODIUM CHLORIDE

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: SODIUM CHLORIDE
CAS number: 7647-14-5
EINECS number: 231-598-3

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. If irritation develops or persists seek medical attention.
Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. If irritation develops or persists seek medical attention.
Inhalation: Not applicable under normal conditions of use. Remove casualty from exposure ensuring one’s own safety whilst doing so. If symptoms develop seek medical attention.

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

Skin contact: May cause mild irritation to areas of broken or sensitive skin.
Eye contact: * May cause mild irritation. May cause mechanical irritation to the eyes.
Ingestion: * May cause mild irritation of the gastrointestinal tract if large quantities are ingested. Nausea and stomach pain may occur. There may be vomiting and diarrhoea.
Inhalation: Not applicable under normal conditions of use. May cause irritation of the mucous membranes and respiratory system.

Delayed / immediate effects: * Immediate effects can be expected after short-term exposure. Nausea and stomach pain may occur. There may be vomiting and diarrhoea.

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

Immediate / special treatment: * Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: * Use water spray to cool containers. Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Keep containers exposed to fire cool with waterspray. The product does not support combustion.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear suitable protective clothing. Refer to section 8 of SDS for personal protection details. Do not create dust.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Reference to other sections: * Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: * Wear suitable protective clothing. Avoid the formation or spread of dust in the air. Avoid contact with the material and breathing its dust. Ensure there is sufficient ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Avoid contact with water or humidity.

Suitable packaging: Paper, plastic or poly-lined bags or kegs.

7.3. Specific end use(s)

Specific end use(s): * No special requirement.

Section 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>State</th>
<th>8 hour TWA</th>
<th>15 min. STEL</th>
<th>8 hour TWA</th>
<th>15 min. STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK</td>
<td>-</td>
<td>-</td>
<td>4 mg/m3</td>
<td>-</td>
</tr>
</tbody>
</table>

Hazardous ingredients:

SODIUM CHLORIDE
SAFETY DATA SHEET
SODIUM CHLORIDE

Workplace exposure limits:

<table>
<thead>
<tr>
<th>State</th>
<th>8 hour TWA</th>
<th>15 min. STEL</th>
<th>8 hour TWA</th>
<th>15 min. STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK</td>
<td>-</td>
<td>See Section 16</td>
<td>4 mg/m³</td>
<td>-</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

**Engineering measures:** Ensure all engineering measures mentioned in section 7 of SDS are in place.

**Respiratory protection:** Not normally required under normal conditions of use. Respiratory protective device with particle filter.

**Hand protection:** Protective gloves.

**Eye protection:** Safety goggles. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**Environmental:** * No special requirement.

Section 9: Physical and chemical properties

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

- **State:** Crystal or crystalline powder.
- **Colour:** White to off-white
- **Odour:** Odourless
- **Oxidising:** Non-oxidising (by EC criteria)
- **Solubility in water:** Soluble
- **Boiling point/range °C:** 1413
- **Melting point/range °C:** 802
- **Vapour pressure:** 2.4 mmHg @ 747 °C
- **Relative density:** ~ 2.2 g/ml @ 20 °C

**9.2. Other information**

- **Other information:** Product is not flammable. No further information available at this time.

Section 10: Stability and reactivity

10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

10.2. Chemical stability

**Chemical stability:** Stable under normal conditions. Hygroscopic.

10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

**Conditions to avoid:** Heat. Moist air. Humidity. Moisture.

10.5. Incompatible materials

**Materials to avoid:** Strong acids. Aluminium. Zinc. Iron.

[cont...]
10.6. Hazardous decomposition products

Haz. decomp. products: None Known.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

<table>
<thead>
<tr>
<th>Route</th>
<th>Specie</th>
<th>Test</th>
<th>Value</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORAL</td>
<td>RAT</td>
<td>LD50</td>
<td>3000</td>
<td>mg/kg</td>
</tr>
<tr>
<td>DERMAL</td>
<td>RBT</td>
<td>LD50</td>
<td>10000</td>
<td>mg/kg</td>
</tr>
<tr>
<td>DUST/MIST</td>
<td>RAT</td>
<td>1H LC50</td>
<td>42000</td>
<td>mg/m3</td>
</tr>
</tbody>
</table>

Symptoms / routes of exposure

Skin contact: May cause mild irritation to areas of broken or sensitive skin.

Eye contact: * May cause mild irritation. May cause mechanical irritation to the eyes.

Ingestion: * May cause mild irritation of the gastrointestinal tract if large quantities are ingested. Nausea and stomach pain may occur. There may be vomiting and diarrhoea.

Inhalation: Not applicable under normal conditions of use. May cause irritation of the mucous membranes and respiratory system.

Delayed / immediate effects: * Immediate effects can be expected after short-term exposure. Nausea and stomach pain may occur. There may be vomiting and diarrhoea.

Other information: * There is no further information at this time.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: Not applicable.

12.2. Persistence and degradability

Persistence and degradability: The product is inorganic so cannot be biodegradable, however it is expected to degrade or disassociate. Components will degrade in water and soil.

12.3. Bioaccumulative potential

Bioaccumulative potential: Product is not expected to bioaccumulate.

12.4. Mobility in soil

Mobility: Non-volatile. Soluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity. Not expected to cause significant environmental impact. Do not allow to enter watercourses or soils. Spillage in sewers or waterways must be avoided.

[cont...]
Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: No information available at this time.

Disposal of packaging: Contaminated containers must not be treated as household waste. Where practical, containers and packaging should be recycled by a licenced contractor.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: * Exemption from registration under REACH in accordance with Annex V.

15.2. Chemical Safety Assessment

Chemical safety assessment: * A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 1272/2010.

There are no exposure levels set for the specific product thus the following levels should be adhered to.

Total Inhalable Dust (8 hr TWA): 10 mg/m-3
Respirable Dust (8 hr TWA): 4 mg/m-3

Phrases used in s.2 and 3: None Recommended.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.