

Sodium Chloride

SECTION 1 Identification of the substance/mixture and supplier

1.1. Product identification

Commercial name Tablet Salt (Sodium Chloride)

1.2. Relevant identified uses for the substance or mixture and unadvised uses

Use Used for technical applications in the industry and for water softening purpose

Uses advised against No uses advised against have been identified

1.3. Information concerning supplier

Company identification J C Peacock & Co Ltd
North Harbour
Ayr
KA8 8AE
Tel: 01292 292000 Fax: 01292 292001
Email: info@peacocksalt.co.uk

1.4. Number to call in the event of an emergency

Emergency tel no (UK 999) (EU 112)

SECTION 2 Danger identification

2.1. Classification of the substance or mixture

This preparation has not been regulated according to the European directives 67/548/CEE and/or 1999/45/CE and the regulation 1272/2008 CLP, their adaptations and their annexes.

EC classification 67/548 or EC 1999/45

Classification Not classified

Hazard class and category code(s), Regulation (EC) N° 1272/2008 (CLP)

Not Classified

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2.2. Labelling

EC 1272/2008 (CLP) Labelling Regulations

Hazard labelling This product is not subject to regulation according to the European directives 67/548/CEE and/or 1999/45/CE and the regulation 1272/2008 CLP, their adaptations and their annexes.

2.3. Other dangers

Unlikely to cause harmful effects under normal conditions.

SECTION 3 Ingredient composition/information

Substance/Mixture This product is a substance.

Primary ingredient: Sodium chloride
EINECS Number: 231-598-3
CAS Number: 7647-14-5
Molecular formula: NaCl

Known hazardous ingredients: None.

SECTION 4 First aid

4.1. First aid description

- **Inhalation** In case of dust inhalation, take the victim out into fresh air and lay them down. Call for medical assistance in case of respiratory difficulties.
- **Contact with skin** Wash in lots of water.
Ask for medical assistance in case of irritation.
- **Contact with the eyes** Rinse immediately with lots of water. Consult an ophthalmologist if irritation occurs

- **Ingestion** If the person is conscious, give him or her a glass of water. Do not attempt to induce vomiting without prior instruction.
Consult medical assistance in the event of major ingestion.

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4.2. Principal symptoms and effects, acute and long-lasting

No information/data available

4.3. Indication of potential immediate medical help and specific treatment necessary

No information/data available.

SECTION 5 Fire prevention measures

5.1. Extinguishing a fire

- **Appropriate extinguishing agents** All extinguishing agents are suitable in case of fire in proximity to the product.

5.2. Specific dangers resulting from the substance or mixture

Dangerously combustible products Exposed to high temperatures and in large quantities, the product may release dangerous decomposition products such as carbon monoxide and dioxide.

5.3. Advice to fire-fighters

Special protective equipment for fire-fighters Wear breathing apparatus appropriate to the premises and to the risks associated with nearby products.

SECTION 6 Measures to be taken in case of accidental dispersion

6.1 Individual precautions, protective equipment and emergency procedures

Individual precautions Avoid contact with the eyes
Personal protection: see section 8.

6.2. Environmental protection precautions

Environmental precautions Do not dispose of in natural waterways, drains or onto the ground.

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level of airborne NaCl particles. Anti-aerosol/dust filters type P1 (in compliance with the standard EN143).

- Hand protection

Neoprene or nitrile type gloves, in compliance with the standard EN374). In case of repeated or prolonged skin contact, it is advisable to wear gloves.

- Eye protection

Eye protection is recommended in case of excessive dust generation. Safety goggles (in compliance with the standard EN 166).

Industrial hygiene

Wash your hands after working with the product.

SECTION 9 Physical and chemical properties

9.1. Essential physical and chemical property information

Appearance:	crystalline solid.
Colour:	white.
Odour:	odourless.
pH:	6-9 (5% solution)
Flash Point:	inflammable
Melting Point:	801°C
Boiling Point:	1461°C (1013 hPa)
Floe Density:	1140 kg/m ³
Solubility in water:	313 g/l (20°C)
Solubility in organic solvents:	ethanol glycerine
Explosivity:	no
Oxidant:	no
Steam pressure:	1.3 hPa (865°C)

SECTION 10 Stability and reactivity

10.1 Reactivity

No information/data available.

10.2. Chemical stability

The product is chemically stable.

10.3. Possibility of dangerous reactions

Not subject to dangerous reactions.

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10.4. Conditions to avoid

See section 7.

10.5. Incompatible materials

Oxidizing agents, strong acids, strong bases.

10.6. Dangerous decomposition products

In case of fire: see section 5.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity No known toxicity, LD50: 3.75g/kg (oral, rat).

Chronic toxicity The components are not included in the list of carcinogenic, mutagenic or teratogenic substances classified by the EU.
No potential long term health effect is to be considered.

Information on the probable means of exposure

- **Inhalation** In large quantities, the dust can cause irritation to the respiratory passages due to the sodium chloride.
- **Contact with the eyes** Possible slight irritation upon prolonged contact due to the sodium chloride.
- **Contact with the skin** Possible slight irritation upon prolonged contact due to the sodium chloride.
- **Ingestion** No risk for normal use.

SECTION 12 Ecological information

12.1. Toxicity

About the product Do not dispose of in natural waterways, drains or onto the ground.

Ecotoxic effects Toxicity regarding:
- Water fleas: C.L. 50-24h: 4.800mg/l
- Fish – Zebra-fish: C.L. 50-24h: 9.000mg/l

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12.2 Persistence and degradability

No information/data available.

Biodegradability

No data available

12.3. Bioaccumulation potential

Not bioaccumulable.

12.4. Soil mobility

Has an influence on the surface of plants (metabolic disturbance) and on the soil (mineral imbalance).

12.5. PBT and VPVB evaluation results

No information/data available.

12.6 Other harmful effects

No information/data available.

SECTION 13 Considerations concerning disposal

13.1. Waste treatment methods

General points Destroy in compliance with local/national safety regulations in force.

Product waste disposal Disposal should be in accordance with local, state or national legislation

SECTION 14 Information relating to transport

General information The product is not subject to transport restrictions: - By road RID/ADR – By sea OMI/IMDG – By air OACI/IATA

14.1. UN number

Not classed in transport of Dangerous Merchandise.

14.2. UN expedition name

Not classed in transport of Dangerous Merchandise.

14.3. Transport danger classification

Not classed in transport of Dangerous Merchandise.

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14.4. Packaging group

Not classed in transport of Dangerous Merchandise.

14.5. Environmental dangers

- Marine-IMDG pollutant No.

14.6. Specific precautions to be taken by the user

No specific precautions (product not transport classified).

14.7. Loose transport complying with annex II of the MARPOL convention 73/78 and IBC collection

Not concerned.

SECTION 15 Regulatory information

15.1. Substance and/or mixture-specific regulations relating to health, safety and the environment

Ensure that all national and local regulations are adhered to.

15.2. Chemical safety evaluation

No information/data available.

SECTION 16 Other information

Revision This SDS has been revised according to the new format from regulation 453/2010