Sodium Chloride

Product Name: SALT

1. Identification of the Substance/Preparation and Company

Address/Phone No: J C Peacock & Co Ltd
North Harbour
Ayr
KA8 8AE
Tel: 01292 292000
Email: info@peacocksalt.co.uk

Emergency Tel No: In an emergency dial 999(UK only) or 112 (EU)

2. Hazards identification

EC Classification: Not classified according to Regulation (EC) No. 1272/2008 (CLP)

Hazards
Unlikely to cause harmful effects under normal conditions of handling and use.

3. Composition/Information on Ingredients

Product Description: Granular. Pure Dried Vacuum and Undried Vacuum.
Hydrosoft™ Granular and hydrosoft™ Tablets. Microfine.

Alternative names: Sodium Chloride, Common Salt, Evaporated Salt.

CAS No. 007647-14-5
EC No. 231-598-3

3.1 Hazardous Ingredient(s)

Contains no hazardous ingredients in accordance with EC Regulation 1907/2006.

4. First Aid Measures

Inhalation
Remove patient from exposure.

Skin Contact
Wash skin with water.

Eye Contact
Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes.
If symptoms develop, obtain medical attention.

Ingestion
Wash out mouth with water and give 200-300ml (half a pint) of water to drink.

Further Medical Treatment
Symptomatic treatment and supportive therapy as indicated.

5. Fire-Fighting Measures

Non-combustible.

Extinguishing Media As appropriate for surrounding materials/equipment.

Hazardous Decomposition Product(s)

Fire Fighting Protective Equipment No special requirements.

6. Accidental Release Measures

Clear up spillages. Transfer to a container for disposal. Wash the spillage area with water.
Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

7. Handling and Storage

7.1 Handling
Avoid prolonged skin contact. Atmospheric levels should be controlled in compliance with the occupational exposure limit. Keep away from strong acids and common metals. Static electricity can be generated by pneumatic conveying, therefore pipes should be bonded and earthed, especially where a spark could prove hazardous.

7.2 Storage
Keep container dry. Keep away from strong acids.

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8. Exposure Control/Personal Protection

Wear suitable protective clothing and sys/face protection. An approved dust mask should be worn if exposure to high levels of material are likely.

8.1 Occupational Exposure Limits

Workplace exposure limits (UK HSE EH40)
Long Term Exposure Limit (8hr time weighted average)

Total Inhalable Dust: 10mg/m^3

Respirable Dust: 4mg/m^3

9. Physical and Chemical Properties

These properties are the most relevant and no other properties are available.

Form	Crystals
Colour	colourless
Odour	odourless
Boiling Point (˚C)	1413
Melting Point (˚C)	802
Density (g/ml)	up to 2.165 at 20˚C
Solubility (Water)	freely soluble
Bulk Density (g/ml)	1.2 to 1.5 approximately (except tablets)
Additional properties	Granular grade: rounded crystals 1-3mm in size. Pure Dried Vacuum grade: free running cubic crystals mostly 0.2-0.6mm in size. Tablets: 24x24x13mm

10. Stability and Reactivity

Hazardous Reactions	Reaction with concentrated acid will produce hydrogen chloride. Under wet conditions, will corrode many common metals, particularly iron, aluminium and zinc.

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11. Toxicological Information

Inhalation
High concentrations of dust may be irritant to the respiratory tract.

Skin Contact
Repeated or prolonged contact may result in dryness leading to mild irritation.

Eye Contact
Dust may cause irritation.

Ingestion
May cause vomiting and diarrhoea. The swallowing of small amounts is unlikely to cause any adverse effects.

Long Term Exposure
Repeated ingestion of excessive amounts may cause disturbance of body electrolyte and fluid balance.

12. Ecological information

Environmental Fate and Distribution
High tonnage material used in open systems. Solid with low volatility. The product is soluble in water. The product has no potential for bioaccumulation. The product is predicted to have high mobility in soil.

Persistence and Degradation
No data.

Toxicity
Low toxicity to aquatic organisms.

Effect on Effluent Treatment
Adverse effects would not be expected.

13. Disposal Considerations

Disposal should be in accordance with local, state or national legislation.

14. Transport Information

Not Classified as Dangerous for Transport.

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15. Regulatory Information

There is no legal requirement to provide an SDS or information required under article 32 of REACH for this product.

Not Classified as Dangerous for Supply/Use.

Name & Address of Supplier:	J C Peacock & Co Ltd North Harbour Ayr KA8 8AE
Name of Substance or Preparation:	SALT
UK Control Regulations:	Control of Substances Hazardous to Health Regulations (COSHH) 2002 SI 2002/2677 and COSHH Essentials: Easy steps to control chemicals – Control of Substances Hazardous to Health Regulations HSG193.