

PRODUCT NAME:

SALT

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Address/Phone No.: Ineos Enterprises Limited,
Mersey View Road,
Weston Point,
Runcorn, Cheshire, WA7 4HB
Tel: (01928) 581800

Emergency Phone No.: IN AN EMERGENCY DIAL 999 (UK only)
For specialist advice in an emergency telephone Runcorn (01928) 572000

Use of Substance / Preparation: Chemical manufacture , food industry, water treatment.

2. 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

2.1 HAZARDOUS INGREDIENT(S)

Contains no Hazardous Ingredients in accordance with EC Directive 2001/58/EC.

3. HAZARDS IDENTIFICATION

Hazards

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

EC Classification: Not classified as dangerous according to EC Directive 67/548/EEC.

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 200-300 ml (half a pint) of water to drink.
Obtain medical attention if ill effects occur.

Further Medical Treatment

Symptomatic treatment and supportive therapy as indicated.

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5. FIRE-FIGHTING MEASURES

Non-combustible.

Extinguishing Media As appropriate for surrounding materials/equipment.

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 Environment 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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear suitable protective clothing and eye/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: 10 mg/m³

Respirable Dust: 4 mg/m³

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 (Deg C)	1413
Melting Point (Deg C)	802
Density (g/ml)	up to 2.165 at 20 Deg 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.

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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.

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

Not Classified as Dangerous for Supply/Use.

Name & Address of Supplier: INEOS Enterprises Limited
Runcorn Site HQ
South Parade, PO Box 9
Runcorn, Cheshire, WA7 4JE
Tel : (01928) 561111, Fax : (01928) 516632

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.

16. OTHER INFORMATION

This data sheet was prepared in accordance with Directive 2001/58/EC

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