

**PRODUCT NAME:**

**SALT**

## **SAFETY DATA SHEET**

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

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**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**

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**PRODUCT DESCRIPTION:** Granular. Pure Dried Vacuum and Undried Vacuum.  
'Hydrossoft' Granular and 'Hydrossoft' 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**

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#### **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**

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#### **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

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Non-combustible.

**Extinguishing Media** As appropriate for surrounding materials/equipment.

**Fire Fighting Protective Equipment** No special requirements.

## 6. ACCIDENTAL RELEASE MEASURES

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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

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### 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

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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/m<sup>3</sup>

Respirable Dust: 4 mg/m<sup>3</sup>

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Form</b>	crystals
<b>Colour</b>	colourless
<b>Odour</b>	odourless
<b>Boiling Point (Deg C)</b>	1413
<b>Melting Point (Deg C)</b>	802
<b>Density (g/ml)</b>	up to 2.165 at 20 Deg C
<b>Solubility (Water)</b>	freely soluble
<b>Bulk Density (g/ml)</b>	1.2 to 1.5 approximately (except tablets)
<b>Additional properties</b>	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**

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**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**

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**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**

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**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**

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

## **14. TRANSPORT INFORMATION**

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Not Classified as Dangerous for Transport.

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### 15. REGULATORY INFORMATION

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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

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

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