



DIRECTSALT
chemical safety
data sheet

IDENTIFICATION OF THE SUBSTANCE AND COMPANY

PRODUCT NAME: **SALT**
Sodium chloride under various trade names and descriptions, including 'Hydrosoft' Granular & Tablets, Pure Dried Vacuum (PDV)Salt, 'Microfine', 'Thawrox', 'Treadsafe', sea salt, Koshering Salt, 'Aquasol', 'Granulite', 'Selvasoft' etc

Address/Phone Number: Direct Salt
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WA7 4HB
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Emergency Phone Number: IN AN EMERGENCY DIAL 999
For specialist advice in an emergency telephone
Runcorn (01928) 581800

PRODUCT DESCRIPTION

Alternative Names: Sodium Chloride, Common Salt, Evaporated Salt

CAS Number: 007647 14 5

EINECS Number: 231 598 3

HAZARDOUS INGREDIENT(S) Contains no Hazardous Ingredients in accordance with EC Directive 93/112/EEC

HAZARDS IDENTIFICATION

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

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. Obtain medical attention if ill-effects occur.
Further Medical Treatment: indicated.	Symptomatic treatment and supportive therapy as

FIRE FIGHTING MEASURES

Non-combustible.

Extinguishing Media:	As appropriate for surrounding fire.
Fire Fighting Protective Equipment:	No special requirements.

ACCIDENTAL RELEASE MEASURES

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

HANDLING AND STORAGE

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.

STORAGE

Keep container dry. Keep away from strong acids.

PERSONAL PROTECTION AND EXPOSURE CONTROLS

Wear suitable protective clothing, gloves and eye/face protection. An approved dust mask should be worn if exposure to high levels of dust is likely.

Occupational Exposure Standard

Long Term Exposure Limit (8hr time weighted average)

Total Inhalable Dust 10 mg/kg

Respirable Dust 4 mg/kg

(UK HSE Guidance Note EH40)

PHYSICAL AND CHEMICAL PROPERTIES

Form: Crystals or compacted salt, depending on specification

Odour: Odourless

Boiling Point (Deg C): 1413

Melting Point (Deg C): 802

Density of Sodium Chloride (g/ml) up to 2.165 at 20 Deg C

Bulk Density Depends on form

Solubility (Water): freely soluble

STABILITY AND REACTIVITY

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

TOXICOLOGICAL INFORMATION

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

Skin Contact: Will remove the natural greases resulting in dryness, cracking and possibly dermatitis. Repeated and/or prolonged skin-contact may cause 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.

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.

Toxicity Low toxicity to aquatic organisms.

Effect on Effluent Treatment Adverse effects would not be expected.

DISPOSAL CONSIDERATIONS

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

TRANSPORT INFORMATION

Not classified as Dangerous for Transport.

REGULATORY INFORMATION

Not classified as Dangerous for Supply/Use

OTHER INFORMATION

USES: CHEMICAL MANUFACTURE, FOOD, WATER TREATMENT ETC.

This data sheet was prepared in accordance with Directive 93/112/EC.

Information in this publication is believed to be accurate and is given in good faith but the Customer should ensure the suitability for any particular purpose. Accordingly, Direct Salt gives no warranty as to the fitness of the Product for any and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that such exclusion is prevented by law. Freedom under Patent, Copyright and Designs cannot be assumed.

Any Trade marks herein identified are the property of the Salt Manufacturer

This Data sheet was revised November 2003. All Data sheets are reviewed annually.