



M & A HYGIENE PLC *"Big enough to cope, Small enough to care"*
CLEANING, JANITORIAL & CATERING SUPPLIES

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GRANULAR SALT
MATERIAL SAFETY DATA SHEET

1. Product Identification

Product/Trade Name: Granular Salt

Product Description: Granular, pure dried vacuum and undried vacuum, 'hydrossoft' granular salt.

2. Composition/Information on Ingredients

Alternative names: Sodium Chloride Salt, evaporated salt.

Contains no hazardous ingredients in accordance with EC Directives 93/112/EEC.

3. Hazards Identification

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

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.
Obtain medical attention if ill-effects occur.

Further Medical Treatment: Symptomatic treatment and supportive therapy as indicated.

5. Fire Fighting Measures

Product is non-combustible.

a) Suitable Extinguishers: As appropriate for surrounding fire.

b) Fire Fighting Protective Equipment: No special requirements.



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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, drains or sewers must be immediately alerted to the Environment Agency or other appropriate regulatory body.

7. Handling & Storage

a) 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.

b) Storage:

Keep container dry.

Keep away from strong acids.

8. Exposure Controls

Wear 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	Time Weighted Average mg/m³ ppm
Dust (Total Inhalable Dust)	10
Dust (Respirable Dust)	5

(UK HSE Guidance Note EH40)

9. Physical & Chemical Properties

Form: Crystals

Pure Dried Vacuum (PDV): Free running crystals mostly 0.2-0.6mm in size.

Undried Vacuum (UV): Not free running. Containing approx. 3% moisture.

'Hydrosoft' Granular: Round crystals 1-3mm in size.

Colour: Colourless

Odour: Odourless

Boiling Point (°C): 1413

Melting Point (°C): 802

Freezing Point/Range: Not known

Bulk Density (g/ml): 1.2 to 1.5 approx.
Solubility (Water): Freely soluble



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10. Stability & Reactivity

Reactions with concentrated acid will produce hydrogen chloride.

Under wet conditions, will corrode many common metal, particularly iron, aluminium and zinc.

11. 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 possible dermatitis.

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 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 Adverse effects would not be expected.

Treatment:

13. Disposal Considerations

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

14. Transport Information

Not classified as dangerous for transport.

15. Regulatory Information

Not classified as Dangerous for Supply/Use.

16. Other Information

The responsibility to ensure safe working conditions within the workplace remains with the user. The health hazard and general information contained within this Material Safety Data Sheet are given as a guide to the precautions required to maintain a safe work environment.

This data sheet is compiled to be of assistance but is without guarantee.

