



1 IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Name: **SALT**

Sodium Chloride under various trade names and descriptions including 'Hydrosolt' Granular & Tablets, and Aquasol

Company Name: Aqua Services (UK)
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS-No	EINECS/ELINCS	Classification
SODIUM CHLORIDE	007647-14-5	231-598-3	N/A

Contains no Hazardous Ingredients in accordance with EC Directive 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

Non-combustible
Extinguishing media: As appropriate for surrounding fire
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, drains or sewers must be IMMEDIATELY alerted to the

Environmental Agency or other appropriate regulatory body.

7. HANDLING & 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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Long Term Exposure Limit: (8hr time weighted average)
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.

Total Inhalable Dust 10mg/kg

Respirable Dust 4mg/kg

(UK HSE Guidance Note EH40)

9. PHYSICAL & CHEMICAL PROPERTIES

Physical form: Crystals or compacted salt, depending on specification

Odour: Odourless

Boiling pt: 1413°C

Melting pt: 802°C

Density of Sodium

Chloride (g/ml): Up to 2.165 at 20°C

Bulk Density: Depends on form

Solubility: Freely soluble

10. STABILITY & REACTIVITY

Hazardous reactions: Reactions 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:	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.

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.
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

15. REGULATORY INFORMATION

Not classified as Dangerous for Supply/Use

16. OTHER INFORMATION

USES:	Chemical manufacture, food, water treatment, etc.
Sources of data:	Other suppliers' safety data sheets, Approved Supply List
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