

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

Product name: SALT

CAS number: 7647-14-5

EINECS number: 231-598-3

Synonyms: SODIUM CHLORIDE

PDV SALT

GRANULAR SALT

SALT TABLETS

Company name: Omnichem Ltd

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2. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

3. COMPOSITION / INFORMATION ON INGREDIENTS

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: Harmful If Swallowed In Large Quantities.

Inhalation: No symptoms.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash the affected area with water

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water. If you feel unwell, seek medical attention.

Inhalation: Not Applicable.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Use extinguishing media appropriate to the surrounding conditions.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details.

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Handling requirements: No special handling precautions are necessary.

Storage conditions: Store in a cool, dry area. Avoid incompatible materials and conditions - see section 10 of SDS.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace exposure limits

WEL (8 hr TWA): 10 mg/m³ as Dust.

Engineering measures: Static electricity can be generated by pneumatic conveying, therefore pipes should be bonded and earthed, especially in environments where a spark could prove hazardous.

Hand protection: Protective gloves.

Eye protection: Safety goggles.

Skin protection: Wear normal workwear.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Crystalline Solid.

Colour: White

Odour: Odourless

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: 39.2 g/100g @ 100 deg C.

Boiling point/range°C: 1413

Melting point/range°C: 802

pH: 10.5

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Reacts with strong sulphuric acid or nitric acid to give hydrogen chloride gas.

Materials to avoid: Under wet conditions can corrode many common metals, particularly iron, aluminium, and zinc.
DO NOT MIX WITH ANY OTHER CHEMICALS.

Haz. decomp. products: Trace amounts of hydrogen chloride gas may be evolved at temperatures in excess of 800 deg C. Contains no water of crystallization. Does not react with alkalis at ordinary temperatures.

11. TOXICOLOGICAL INFORMATION**12. ECOLOGICAL INFORMATION****Ecotoxicity:** SALT

ALGAE 72H IC50 3014 mg/l

DAPHNIA 48H EC50 2024 mg/l

FISH 96H LC50 6750 mg/l

Mobility: Soluble in water.**Persistence and degradability:** Rapidly biodegradable.**Bioaccumulative potential:** No bioaccumulation potential.**Other adverse effects:** Daphnia Subacute - 1062 mg/l. Fish Subacute - 433 mg/l. BOD 5 day - 0 mg/l. COD - 0 mg/l.Earthworm Toxicity - 1000 mg/cm²**13. DISPOSAL CONSIDERATIONS****Disposal operations:** Dispose of through approved waste disposal operatives.**Disposal of packaging:** Dispose of as normal industrial waste.**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.**14. TRANSPORT INFORMATION****ADR / RID****IMDG / IMO****IATA / ICAO****15. REGULATORY INFORMATION****Hazard symbols:** No significant hazard.**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.**16. OTHER INFORMATION****Legal disclaimer:** The information contained in this SDS does not constitute a risk assessment, and should not replace the user's own assessment of risks as required by other health and safety legislation. This advice is given by Omnicem Limited who accept no legal liability for it except otherwise provided by law. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.