



MATERIAL SAFETY DATA SHEET

NON-HAZARDOUS SUBSTANCE ACCORDING TO WORKSAFE AUSTRALIA

1. IDENTIFICATION

Product Name: Sodium Chloride (Salt)

Other Names: Salt, Solar salt, rock salt, sea salt, halite, swimming pool salt.

Recommended Uses: Used as a food flavouring, preservative, varied industrial and chemical uses, chlor-alkali, water treatment and swimming pools.

Supplier Name: Telford Industries

Street Address: 7 Valentine Street, Kewdale WA 6105

Telephone: 1800 835 115

Facsimile: 1800 835 222

Emergency Telephone Number: 0409 313 441

2. HAZARDS IDENTIFICATION

This material is non-hazardous according to health criteria of NOHSC Australia.

Hazard Category:

No data available.

Risk Phrase(s):

No data available.

Safety Phrase(s):

No data available.

3. COMPOSITION / INGREDIENTS INFORMATION

CHEMICAL NAME	CAS NUMBER	PROPORTION
Sodium Chloride	7647-14-5	100%

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone 131 126)

Inhalation: Exposure is considered unlikely.

Skin Contact: Exposure is considered unlikely.

Eye Contact: Immediately flush eyes with plenty of water holding eyelids open. If irritation persists, seek medical attention.

Ingestion: Rinse mouth with water. Do NOT induce vomiting. Seek medical attention.

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Specific Hazards: Product is a non-flammable solid.

Fire-fighting further advice: Non flammable. No fire or explosion hazard exists.

Suitable extinguishing media: In case of fire, use appropriate extinguishing media most suitable for surrounding fire conditions.

Hazchem Code: Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal: If spilt, collect and dispose of to land fill.

Dangerous Goods - Initial Emergency Response Guide No: Not applicable.

7. HANDLING AND STORAGE

Handling: Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

Storage: Store in a cool, dry, well-ventilated area. Remove from oxidising agents and heat sources. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards: Sodium Chloride (7647-14-5) ES-TWA: 10mg/m³ Inspirable dust.

Biological Limit Values: No information available on biological limits for this product.

Engineering Controls: A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Personal Protective Equipment: PPE is not required under normal conditions of use. When using large quantities or where heavy contamination is likely, wear dust-proof goggles and rubber or PVC gloves. At high dust levels wear a class P1 (particulate) respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Odour: Translucent to white granules or powder.

pH: 7 (1% solution)

Vapour Pressure: Not available

Vapour Density: Not available

Boiling Point/Range °C: 1413°C

Melting Point/Range °C: 801°C

Solubility in Water: 357g/L

Specific Gravity: 2.163

Flash Point (°C): Not available

Flammability Limits (%): Not available

Ignition Temperature (°C): Not available

Molecular Formula: NaCl

Additional Information:

(Typical values only – consult specification sheet)

10. STABILITY AND REACTIVITY

Chemical Stability: Product is stable under normal conditions of use, storage and temperature.

Conditions to Avoid: Avoid excessive heat, sparks, open flames and other ignition sources.

Incompatible Materials: Incompatible with oxidizing agents. Avoid contact with strong oxidising agents, bromine trifluoride, lithium & acids.

Hazardous Decomposition Products: May evolve toxic gases if heated to decomposition.

Hazardous Reactions: Polymerization is not expected to occur.

11. TOXICOLOGICAL INFORMATION

Acute Effects

Inhalation: Abrasive irritant to mucous membranes. May give salty taste or cause irritation to the nose and throat. Symptoms may include coughing and sore, dry throat.

Skin Contact: Abrasive irritant to some sensitive persons or when applied to open cuts and abrasions. Intensive exposure may result in dermatitis. May aggravate pre-existing dry skin conditions such as dermatitis.

Eye Contact: causes eye irritation, redness and some pain. Dust exposure may cause physical irritation to the eyes because of the particulate nature of the product.

Ingestion: ingestion may cause vomiting, diarrhea, anorexia, thirst, fever and convulsion after excessive ingestion. Dehydration may occur in most internal organs, central nervous system may be affected resulting in confusion or coma.

Long Term Effects: No data available.

Acute Toxicity / Chronic Toxicity: Oral LD50 Rat: 3,000mg/Kg Oral TDLo Human: 12,357mg/Kg Oral LD50 Mouse: 4,000mg/Kg Oral LDLo Rabbit: 8,000mg/Kg Skin Rabbit 500mg/24hr: Mild Eye Rabbit 100mg/24hr: Severe.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence & Degradability: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Refer to State/Territory Land Waste Management Authority.

14. TRANSPORT INFORMATION

Classified as Non Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG code) for transport by road and rail.

UN No:	Not applicable.
Dangerous goods Class:	Not applicable.
Packing Group:	Not applicable.
Hazchem Code:	Not applicable.
Proper Shipping Name:	SODIUM CHLORIDE (SALT)

15. REGULATORY INFORMATION

Poisons Schedule (Aust): Not applicable.

16. OTHER INFORMATION

Telford Industries reserves the right to change the chemical specifications without notice.

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This MSDS summarises Telford Industries best knowledge of the health and safety hazard information of the selected substance and how to safely handle the selected substance in the workplace however Telford Industries expressly disclaims that the MSDS is a representation or guarantee of the chemical specifications for the substance. Each user should read the MSDS and consider the information in the context of how the selected substance will be handled and used in the workplace including its use in conjunction with other substances.

END OF MSDS



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