



Material Safety Data Sheet

LIPPS NATURAL RESOURCES - STANDARD SALT

1 MATERIAL & SUPPLIER

Material Name	Sodium Chloride (Salt)
Product Names	LNR Coarse Salt
Company Name	Lipps Natural Resources
Street Address	6 Murphy Street Kerang, Vic, 3579, Australia
Product Use	Tanneries, swimming pools, stock feed, etc
Website	https://lippsnr.com.au/
Telephone	03 5451 0497

2 HAZARD IDENTIFICATION

Hazard Classification	Not classified as hazardous according to criteria of NOHSC
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3 COMPOSITION INFORMATION

Chemical Name	Sodium chloride (Salt)		
CAS No.	7647-14-5		
Synonyms	Salt, Solar Salt, Rock Salt, Sea Salt, Halite		
Ingredients	Name	CAS No	Proportion
	Salt (sodium chloride)	7647-14-5	100%

4 FIRST AID MEASURES

Swallowed	High water (or milk) intake facilitates urinary excretion. Provide liquid slowly but as much as casualty will drink. No need to induce vomiting. CAUTION: NEVER MAKE UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS.
Eyes	Irrigate with ample volume of water for 15 minutes. Keep eyelids well apart while rinsing and ensure no particles are lodged behind eyelids. If irritation persists, seek medical advice.
Skin	Wash affected areas thoroughly with water (and soap if available). Seek medical attention in event of continued irritation.
Inhaled	Not normally a risk, but some discomfort may follow where working with dusty product. Ensure airways are clear, remove to fresh air. Allow patient to drink ample water (or milk).
Advice to Doctor	Nil



Material Safety Data Sheet

5 FIRE FIGHTING MEASURES

Fire / Explosion Hazard	Salt poses no fire or explosion hazard if involved in a fire. Salt is not combustible.
Hazards from Combustion Products	When heated to decomposition at a very high temperature it emits toxic fumes of chlorine & sodium oxide.
Firefighting Details	Salt poses no fire or explosion hazard if involved in a fire.
HAZCHEM Code	None Allocated

6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Recover product where practical. Contain spills to prevent release to water systems or environment.
Containment & Clean-up	Contain spills to prevent release to water systems or environment. Recover product where practical and where practical avoid generating dust. Dispose of in sealed containers to licensed waste.
UN No	None Allocated

7 HANDLING & STORAGE

Handling	Under normal circumstances no specific handling measures are required. For personal comfort rubber gloves, safety goggles, overalls etc. may be used.
Storage	Store in a cool, dry, ventilate area, away from oxidizing materials or strong acid. Keep product sealed/packed in cardboard cartons, plastic drums or poly bags.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards	No exposure standard allocated
Biological Limit Values	No biological limit value allocated
Personal Protective Equipment	Under normal circumstances protective wear is not required however under particularly dusty conditions a dust mask is recommended.
Engineering Control Measures	Under normal circumstances engineering controls are not required however if use creates dust to a level that is a discomfort to workers a local exhaust system is recommended. Structural integrity of various metals used in equipment and structures should be regularly checked as salt accelerates corrosion of most common metals (especially in damp conditions).

9 PHYSICAL & CHEMICAL PROPERTIES

Physical Description and Properties

Appearance	Translucent to opaque white crystals or powder	
Odour	Nil	
Melting Point	801°C	
Boiling Point	1413°C at 101.3 kPa	
Vapour Pressure	1 mm Hg at 865°C	
Density	1.2 gm / cc	
Flashpoint / Flammability	Not applicable	
Solubility In Water	35.7 gm / 100 ml @ 0°C	39.12 gm / 100 ml @ 100°C
Molecular Weight	58.44	



Material Safety Data Sheet

10 STABILITY & REACTIVITY

Chemical Stability	Stable. Slightly hygroscopic.
Conditions to Avoid	Incompatible materials (below)
Hazardous Decomposition Products	When heated to decomposition at a very high temperature it emits toxic fumes of chlorine & sodium oxide. May evolve chlorine gas when in contact with strong acids
Incompatibility	Bromine trifluoride, lithium, strong acids

11 TOXICOLOGICAL INFORMATION

Health Effects

Acute	Swallowed:	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.
	Eyes	Dust exposure may cause physical irritation to the eyes because of the particulate nature of the product.
	Skin	Abrasive irritant to some sensitive persons, or when applied to open cuts & abrasions. Intensive exposure may result in dermatitis.
	Inhaled	Abrasive irritant to mucous membranes. May give salty taste or cause irritation to nose & throat. Symptoms could be coughing, sore and dry throat.
Toxicity Data		Orally in rats LD 50 = 3000 mg/kg Orally in humans TDLO = 12357 mg/kg

12 ECOLOGICAL INFORMATION

Ecotoxicity	No information available
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13 DISPOSAL CONSIDERATIONS

Disposal	Contain spills to prevent release to water systems or environment. Recover product where practical and where practical avoid generating dust. Dispose of in sealed containers to licensed waste.
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14 TRANSPORT INFORMATION

Transport	During transport, should be covered to prevent rain or physical damage. Keep dry
UN Number	None allocated
Shipping Name	None allocated
Class & Subsidiary Risk	None allocated
Packing Group	None allocated
Hazchem Code	None allocated

15 REGULATORY INFORMATION

Considered naturally occurring chemical by AICS (Australian Inventory of Chemical Substances) when used industrially.



Material Safety Data Sheet

16 OTHER INFORMATION

Business Hours Phone (03) 5451 0497
Business Hours Fax (03) 5452 2674

Note This MSDS summarises our best knowledge of the health and safety hazard information of the product.

The information contained herein is derived from a variety of sources and standards published internationally and Lipps Natural Resources has taken all care to ensure that the information is accurate. Safety levels are not 'no effect' levels and therefore do not guarantee protection to every worker given the nature of biological variation.

This document and information are not to be construed as a warranty. Although strict quality control is exercised during the manufacture of these products, as the manufacturer does not control transportation, storage, handling or use of these products we assume no liability resulting from their use. No guarantee is given as to the suitability, performance, effects or results of the use of these products.

Customers should make their own judgements and tests as to the products characteristics and performance in the context of intended use

Date Authorised: 25.08.2018

Reason for change: Updated Business contact details