

**Olsson Industries Pty Ltd**

A.B.N. 46000 130 263

**Pacific Salt Pty Ltd**

A.B.N. 48000 324 747

**Head Office**

PO Box 68 Guildford

NSW 2161 Australia

Phone 61 2 9632 0441

Fax 61 2 9632 9099

## MATERIAL SAFETY DATA SHEET

### Section 1 – PRODUCT AND COMPANY IDENTIFICATION

<b>Chemical Name:</b>	Sodium Chloride (NaCl)
<b>Product Name:</b>	Olsson's Sea Salt (various granulations and applications: Coarse Refined Salt, Dairy Salt, Fine Salt, Flossy Salt, Water Softener Salt, Pool Salt, Universal Fine Salt, Iodised Dairy Salt, Iodised Fine Salt, Iodised Flossy Salt, Table Salt, Cooking Salt, Crush Coarse Salt (Qld)/(SA), Medium Coarse/Fine Salt, Pool-Pro Salt, Poolside Salt, Poolwerx Salt, Caltex Water Softener Salt, BP Refinery Salt, Sea Minerals Salt, Coles Cooking/Table Salt, Macrobiotic Salt, Rock Salt, Sea Salt Crystals, Reeva Table Salt, Salt Sachet, Sea Salt Flakes, Homebrand Pool Salt, Aqua-health Premium Pool Salt, <b>Acqua</b> -therepe Pool Salt).
<b>Country of Origin:</b>	Product of Australia
<b>Product Use:</b>	For food flavoring or preservative (consult Pacific Salt sales department for specific grades if to be used in foods), Watersoftening, chemical manufacture, swimming pools, stock feeds, etc.
<b>Supplier:</b>	
Company Name:	Pacific Salt Pty Ltd
Address:	33 Manton St Morningside, Qld, 4170
Tel:	61 7 3900 2800
Fax:	61 7 3899 1150
Website:	<a href="http://www.olssons.com.au">www.olssons.com.au</a>
Emergency advice:	1800 804 096

### Section 2 - HAZARDS IDENTIFICATION

**Hazard Classification:** Not classified as hazardous according to criteria of NOHSC

### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

<b>Chemical Characterization:</b>	Solid		
<b>Ingredient:</b>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Salt (Sodium Chloride)	7647-14-5	100%

### Section 4 - FIRST AID MEASURES

<b>Inhalation:</b>	Remove patient to fresh air. Seek medical attention for any breathing difficulty.
<b>Ingestion:</b>	Drink plenty of water to facilitate urinary excretion and relief of oedema and temporary elevated blood pressure. Provide liquid slowly but as much as casualty will drink. <b>CAUTION: NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS. In serious cases get medical attention.</b>
<b>Eye:</b>	Rinse eye thoroughly with water.
<b>Skin:</b>	Wash exposed areas with water (and soap if available). Seek medical attention if irritation develops.
<b>Advise to doctor:</b>	Nil.

<b>Christchurch –New Zealand</b>	<b>QLD Brisbane</b>	<b>VIC Melbourne</b>	<b>SA Whyalla</b>
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### Section 5 - FIRE FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	None. This product is not combustible
<b>Unsuitable extinguishing media:</b>	None.
<b>Fire/Explosion Hazard:</b>	None combustible. Not considered to be an explosion hazard
<b>Special firefighting procedure:</b>	In the event of fire and/or explosion do not breathe fumes
<b>Fire incompatibility:</b>	None.
<b>Additional information:</b>	Contaminated firefighting water may not be discharged into the drains

### Section 6 - ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Avoid dust formation.
<b>Environmental precautions:</b>	Do not discharge into the drains.
<b>Method for cleaning up spills:</b>	Material released or spilt, sweep up and shovel into containers for recovery or disposal. Flush away residues with water.

### Section 7 - HANDING AND STORAGE

<b>Precautions for safe handling:</b>	Under normal circumstances no specific handling measures necessary if used correctly. For prolong contact, rubber gloves, safety goggles, etc. may be used for personal comfort.
<b>Advice on fire and explosion protection:</b>	The product is not combustible
<b>Advice on storage compatibility:</b>	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. Store out of sunlight to prevent deterioration of packaging material.

### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure Limits:</b>	Oral rat LD50: 3000mg/kg Inhalation rat LC50: > 42g/m <sup>3</sup> / h1
<b>Personal Protection:</b>	Under normal circumstances protective equipment is not required. However, under particular dusty conditions a dust mask is recommended. Rubber gloves, safety goggles, overalls, etc. may be used for personal comfort.
<b>Engineering Controls:</b>	Structural integrity of ferrous based equipment and structures should be regularly checked as corrosion is accelerated by salt (especially in damp conditions).

### Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Translucent to white, granules or powder
<b>Physical Form:</b>	Solid
<b>Odor:</b>	Odorless
<b>Melting Point:</b>	804 °C
<b>Boiling Point:</b>	1461 °C @ 101.3kPa
<b>SG:</b>	2.16
<b>pH:</b>	6.7 - 7.3
<b>Flashpoint/Flammability:</b>	N/A
<b>Solubility in water:</b>	35.7g/100g @ 0°C; 360g/L water @ 20 °C
<b>Molecular Weight:</b>	58.44
<b>Vapor Pressure:</b>	1mm Hg @ 865 °C
<b>Risk Codes:</b>	R36, R37 & R38
<b>Auto-ignition Temp:</b>	N/A

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**Section 10 - STABILITY AND REACTIVITY**

<b>Hazardous Reaction:</b>	Stable. Reactions with strong acids and oxidizing agents. Avoid contact with Bromine trifluoride, lithium, sulfuric and nitric acids. When heated to above 801 °C it emits toxic fumes of chlorine and sodium oxide. Corrosive to metals.
<b>Condition to avoid:</b>	None
<b>Hazardous decomposition Products:</b>	With strong acids: Hydrogen chloride (HCl). With oxidizing agents: Chlorine gas (Cl <sub>2</sub> )

**Section 11 - TOXICOLOGICAL INFORMATION**

<b>Ingestion:</b>	Excessive ingestion may cause oedema or elevated blood pressure. Ingestion of large amounts, 500g to 1kg may cause nausea and vomiting, seek medical advice. It is recommended for those with sodium restrictions to consult a doctor prior to excessive use of salt.
<b>Eyes:</b>	Slightly irritation, redness and pain.
<b>Skin:</b>	Slightly irritant to some sensitive persons or when applied to open cuts or abrasions.
<b>Inhalation:</b>	Irritant to mucous membranes. May cause sneezing

**Section 12 - ECOLOGICAL INFORMATION**

<b>Ecotoxicity:</b>	N/A
<b>Physico-chemical degradability:</b>	N/A
<b>Biological degradability:</b>	N/A

**Section 13 - DISPOSAL CONSIDERATIONS**

<b>Waste Code No. 06 03 14:</b>	Solid salts and solutions except those mentioned in 06 03 11 and 06 03 13
<b>For the product:</b>	In accordance with regulations for special waste site.
<b>For contamination packaging:</b>	Contaminated packaging should be emptied completely and disposed of as for product. Uncontaminated packaging maybe taken for recycling

**Section 14 - TRANSPORT INFORMATION**

<b>U.N. Number:</b>	Non Allocated
<b>Dangerous Goods Class:</b>	Non Allocated
<b>Hazchem Code:</b>	Non Allocated
<b>Hazard:</b>	Non-hazardous material as defined by the regulations
<b>Packing Group:</b>	Non Allocated
<b>Packaging Method:</b>	Woven poly propylene & laminated bags 20, 25 and 1000kg. Plastic drums and films 125g, 500g, 750g, 1kg, 2kg, 10kg. Product should be covered on transport to prevent rain or physical damage.

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**Section 15 - REGULATORY INFORMATION**

<b>Regulatory Criteria:</b>	Test in accordance with Food Standards Code – Australia New Zealand, Volume 2, Section 2.10.2 (Salt and Salt Products)
<b>Shelf Life:</b>	Infinite ( <i>with no testing required</i> )
<b>Risk Phrase:</b>	R36 (irritating to eyes) R37 (irritating to respiratory system) R38 (irritating to skin)
<b>Safety Phrase:</b>	S26 (in case of contact with eyes, rinse immediately with plenty of water and seek medical advice)
<b>Poisons Schedule:</b>	None Allocated

**Section 16 - OTHER INFORMATION**

<b>Contact Point:</b>	Tel: 61 7 3900 2800 (Business hour) Fax: 61 7 3899 1150
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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 Pacific Salt has taken all care to ensure this information is accurate at the time of printing. Safety levels are not 'no effect' levels, which guarantee protection to every worker given the nature of biological variations. A small proportion of workers exposed to a particular chemical may react at or below levels prescribed.

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

Customers receiving the information should exercise their independent judgment in determining the products suitability and appropriateness for a particular purpose.

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