

Olsson Industries Pty Ltd

A.B.N. 46000 130 263

Pacific Salt Pty Ltd

A.B.N. 48000 324 747

**Head Office**

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SAFETY DATA SHEET

Section 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name: Acquatherepe Pool 10kg

Country of Origin: Made in Australia from at least 60% Australian ingredients

Product Use: Mineral Swimming pools salt.

Supplier:

Company Name: Pacific Salt Pty Ltd

Address: 33 Manton St
Morningside, Qld, 4170

Tel: 61 7 3900 2800

Fax: 61 7 3899 1150

Website: www.olssons.com.au

Emergency advice: 1800 804 096

Section 2 - HAZARDS IDENTIFICATION

Hazard Classification: This product is classified as: Not hazardous according to criteria of SWA.

Not a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.

Safety Phases: Do not breath dust. Avoid contact with eyes. Wear suitable protective clothing, S22, S25, S36.

Salt, Potassium Chloride & Magnesium Chloride: Not classified as hazardous according to criteria of NOHSC and Globally Harmonized System (GHS).

Sodium Tetraborate: Classified as hazardous in concentrated form, category 1B. Within this product contact would be minimal. Standard safety protocol should be observed.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterization:	Solid			
Ingredient:	<u>Formulation</u>	<u>CAS</u>	<u>Mineral salt 10kg</u>	<u>Mineral concentration</u>
	Salt (NaCl))	7647-14-5	30%	
	Potassium Chloride	7447-40-7	35%	15%
	Magnesium Chloride	7491-18-6	30%	80%
	Sodium Borate	1303-96-4	5%	5%

Section 4 - FIRST AID MEASURES

General Information Call the Poisons Information Centre if you feel that you many have been poisoned or irritated by this product. The number is **13 1126** within Australia and **0800 764 766** in New Zealand.

Inhalation: Remove patient to fresh air. Seek medical attention for any breathing difficulty.

Ingestion: Drink plenty of water, do not induce vomiting. Wash mouth with water and give some to drink

Solubility in water: 35.7g/100g @ 0°C; 360g/L water @ 20 °C

Molecular Weight: 58.44

Vapor Pressure: 1mm Hg @ 865 °C

Risk Codes: R36, R37 & R38

Auto-ignition Temp: N/A

Skin Contact Gently brush away excess particles. Wash with water until area is clean

Eye Contact Quickly and gently remove particles from eye. If irritation occurs flush with lukewarm water, gently washing with water flow for 5 minutes. Obtain medical assistance if irritation continues.

Section 5 - FIRE FIGHTING MEASURES

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

Section 6 - ACCIDENTAL RELEASE MEASURES

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

Section 7 - HANDLING AND STORAGE

Precautions for safe handling:	Under normal circumstances no specific handling measures necessary if used correctly. For prolonged contact, rubber gloves, safety goggles, etc. may be used for personal comfort.
Advice on fire and explosion protection:	The product is not combustible
Advice on storage compatibility:	Store in a cool, dry, ventilated 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

Exposure Limits:	Oral rat LD50: 3000mg/kg Inhalation rat LC50: > 42g/m ³ / h1
Personal Protection:	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.
Engineering Controls:	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

Appearance:	Translucent to white, granules or powder
Physical Form:	Solid
Odor:	Odorless
Melting Point:	804 °C
Boiling Point:	1461 °C @ 101.3kPa
SG:	1.95 -2.1
Flashpoint/Flammability:	N/A

Section 10 - STABILITY AND REACTIVITY

Hazardous Reaction:	Stable. Reactions with strong acids. When heated to above 801 °C it emits toxic fumes of chlorine and sodium oxide.
Condition to avoid:	None
Hazardous decomposition Products:	With strong acids:

Section 11 - TOXICOLOGICAL INFORMATION

Ingestion:	There is no data at hand to indicate any particular target organ. Ingestion of large amounts, >50g may cause nausea and vomiting, seek medical advice
Eyes:	Slightly irritation, redness.
Skin:	Slightly irritant to some sensitive persons or when applied to open cuts or abrasions.
Inhalation:	Irritant to mucous membranes. May cause sneezing.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity:	N/A
Physico-chemical degradability:	N/A
Biological degradability:	N/A

Section 13 - DISPOSAL CONSIDERATIONS

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

Section 14 - TRANSPORT INFORMATION

U.N. Number:	Non Allocated
Dangerous Goods Class:	Non Allocated
Hazchem Code:	Non Allocated
Hazard:	Non-hazardous material as defined by the regulations
Packing Group:	Non Allocated
Packaging Method:	Polypropylene bags 10kg. Product should be covered on transport to prevent rain or physical damage.

Section 15 - REGULATORY INFORMATION

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

Section 16 - OTHER INFORMATION

Contact Point: Tel: 61 7 3900 2800 (Business hour)
Fax: 61 7 3899 1150
Contact – Mr Leng Yang 0409 632 190

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.