

Cover Sheet for Safety Data Sheet

1. <u>Identification of the Substance/Preparation and of the Company/Undertaking</u>

Product Name Water Softener Salt

PAC2534

Supplier Pacific Salt

NZ Distributor Velocity Vehicle Care NZ Ltd

Level 4

3 London St, Hamilton, 3240

Phone: 0800 464 249 Fax: 07 974 9540

Email: orders@velocityvehiclecare.com

Emergency Number New Zealand: 0800 243 622

This product is Hazardous according to the NZ Hazardous Substances (Classification) Regulations 2001.

Australian Distributor Velocity Vehicle Care Pty Ltd

10 Holmwood Rd Tottenham VIC 3012 Ph: 1300 990 074 Fax: 03 8669 4179

Email: orders@velocityvehiclecare.com

Emergency Number Australia: 1800 127 406

This product is Hazardous according to the Approved Criteria for Classifying Hazardous Substances [NOHSC:1008 (2004]



SAFETY DATA SHEET

Section 1 – PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: Sodium Chloride (NaCl)

Product Name: Olsson's Sea Salt

(various granulations and applications: Aussie Pool Salt, Coarse Refined Salt, Dairy Salt, Premium Dairy Salt, Fine Salt, Flossy Salt, Water Softener 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, Caltex Water Softener Salt, BP Refinery Salt, Sea Minerals Salt, Macrobiotic Salt, Rock Salt, Sea Salt Crystals, Salt Sachet, Sea Salt

Flakes & Sea Salt Flakes (4U500), Red Gum Smoked Salt, Homebrand Pool Salt, Aqua-health Premium Pool Salt, Premium Fine Fast Dissolving Pool Salt).

Country of Origin: Product of Australia

Product Use: For food flavoring or preservative (consult Pacific Salt sales department for

specific grades if to be used in foods), Water softening, chemical manufacture,

swimming pools, stock feeds, etc.

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: <u>www.olssons.com.au</u>

Emergency advice: 1800 804 096

Section 2 - HAZARDS IDENTIFICATION

Hazard Classification: Exempt from classification under the WHS Regulations for below GHS hazard

categories:

Skin irritation category 3 Eye irritation category 2B

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterization: Solid

Ingredient: <u>Name</u> <u>CAS</u> <u>Proportion</u>

Salt (Sodium Chloride) 7647-14-5 100%

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QLD 33 Manton St Morningside QLD 4170 P: 07 3395 5499 F: 07 3899 1150 SA Port Augusta Rd Whyalla SA 5600 P: 08 8645 5044 F: 08 8645 9377



Section 4 - FIRST AID MEASURES

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

Ingestion: 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

CAUTION: NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS. In

serious cases get medical attention

Eye: Rinse eye thoroughly with water

Skin: Wash exposed areas with water (and soap if available). Seek medical attention if

irritation develops

Advise to doctor: No data available

Section 5 - FIRE FIGHTING MEASURES

Suitable extinguishing media: This product is not combustible

Unsuitable extinguishing media: No data available

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: No data available

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 dispose into soil or gardens

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 - HANDING AND STORAGE

Precautions for safe handling: 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

Advice on fire and explosion

protection: The product is not combustible

Advice on storage compatibility: 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

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Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: Oral rat LD50: 3000mg/kg

Inhalation rat LC50: > 42g/m3 / 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 (Salt)

Transparent to white, flaky (Flaked Salt)

Physical Form: Solid
Odour: Odourless
Melting Point: 804 °C

Boiling Point: 1461 °C @ 101.3kPa

SG: 2.16 **pH:** 6.7 - 7.3

Flashpoint/Flammability: No data available

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

Molecular Weight: 58.44

Vapor Pressure:1mm Hg @ 865 °CRisk Codes:R36, R37 & R38Auto-ignition Temp:No data available

Section 10 - STABILITY AND REACTIVITY

Hazardous Reaction: 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

Condition to avoid: No data available

Hazardous decomposition

Products: With strong acids: Hydrogen chloride (HCl). With oxidizing agents: Chlorine gas

(Cl₂)

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Section 11 - TOXICOLOGICAL INFORMATION

Ingestion: 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

Eyes: Slightly irritation, redness and pain

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: No data available

Physical-chemical degradability: No data available

Biological degradability: No data available

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: None Allocated

Dangerous Goods Class: None Allocated

Hazchem Code: None Allocated

Hazard: None-hazardous material as defined by the regulations

Packing Group: None Allocated

Packaging Method: 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

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 (with no testing required)

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

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

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