

Mermaid Grade 9 Salt

Product Description

Mermaid Grade 9 Salt is a dried, naturally evaporated sea salt (sodium chloride) suitable for industrial use only. This product is a translucent to white solid, with a texture of medium fine granules and a mean particle size of approx. 0.45 mm. It is produced in Australia by natural solar evaporation of seawater, harvested, washed, dried, sized and packed in accordance with good manufacturing practice, under a quality system that complies with ISO 9001.

This product is not intended for human consumption.

Storage Conditions

Product is shelf life stable. Long-term storage does not adversely affect salt except for caking or lumping as salt absorbs/expels moisture from/to the atmosphere. Fine grain salts are particularly susceptible to caking. As a guide this product should be used within 12 months from manufacture date to avoid significant caking problems, however customers should assess their own individual needs for ordering frequency, stock rotation, stock levels and local conditions. To avoid significant caking, adjust ordering volume and frequency.



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Chemical Analysis	
Purity (% NaCl min dry basis)	99.4
Moisture (% max)	0.20
Insolubles (% max)	0.05
Magnesium (mg/kg max)	500
Calcium (mg/kg max)	1000
Sulphate (mg/kg max)	2500
Iron (mg/kg max)	10

Grainsize (Cumulative % Retained)		
	Min.	Max.
0.85 mm	0 %	1 %
0.71 mm	0 %	25 %
0.212 mm	80 %	100 %
0.15 mm	90 %	100 %
through 0.15 mm not greater than 10 %		

Additives	
Contains no additives	

Country of Origin

Product of Australia

Palletising - Standard	
Bag Size	25kg net weight
Pallet type	Chep
Bags per pallet	48 bags
Pallet Weight	1.2 tonne
* Also available in other pack sizes by negotiation	

Protection and Labelling	
Packed and sealed in LDPE polyethylene bags	
Pallet slip sheet	
Stretch wrapped	
Traceability: date of manufacture as a minimum DD/MM/YY; or batch number which includes DOM in format YYMMDD,-BCH- then an automated sequential number i.e. YYMMDD-BCH-123456; printed on the side of individual bags as well as on pallet label	

Method of Analysis	
Purity	ASTM E 534 Standard Test Methods for Chemical Analysis of Sodium Chloride "Reporting And Analysis".
Moisture	Reference: AS 2093.1977 Appendix B
Insolubles	ASTM E 534 "Water Insolubles" (100g used, results reported to 0.001%)
Calcium and Magnesium	Reference: ASTM E 534 "Calcium Magnesium" Used" Japan Tobacco & Salt: Methods For Salt Analysis Item 5.1 "Calcium & Magnesium" (atomic absorption)
Sulphate:	Reference "AS 2093.1977 Appendix M" Used: turbidimetric analysis on UV-vis spectrophotometer
Iron	AS 2093.1977 Appendix N
Grainsize	ISO 2591-1 : 1988(R2017) Test Sieving Method