

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING
PRODUCT IDENTIFIER

Product Name	NZ Sea Salt	
INCI Name	Sodium Chloride	
CAS Number	7647-14-5	

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Registered distributor company name	Pure Ingredients Ltd	Pure Nature
Address	626A Rosebank Road, Avondale 1026	626A Rosebank Road, Avondale 1026
Telephone	+64 9 813 5619	+64 813 9412
Website	www.pureingredients.co.nz	www.purenature.co.nz
Email	compliance@pureingredients.co.nz	info@purenature.co.nz

EMERGENCY TELEPHONE NUMBER

Association / Organisation	0800 CHEMCALL / 0800 243 622 (24hr)	
Emergency telephone numbers	111	
Other emergency telephone numbers	0800 764 766	

SECTION 2 HAZARDS IDENTIFICATION

HSNO Hazard Classification	Not classified
HSNO Approval Number	N/A
Hazard Nature	This product is not classified as hazardous under HSNO criteria
Pictogram(s)	Nil
Signal Word	Nil
Hazard Statement(s)	Nil
Prevention Statement(s)	Nil
Response Statement(s)	Nil
Storage Statement(s)	Nil
Disposal Statement(s)	Nil

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

% [volume/weight]	INCI Name	CAS No.
100	Sodium Chloride	7647-14-5

SECTION 4 FIRST AID MEASURES

Inhalation	Remove patient to fresh air. Keep warm and at rest. Give drinks if desired.
Ingestion	Vomiting will probably occur. Provided the patient is conscious give plenty of liquid to drink. Obtain immediate medical attention especially if vomiting has not occurred.
Eye contact	Irrigate with eyewash solution or water. If symptoms develop obtain medical help.
Skin contact	Wash with plenty of water.
Workplace facilities	Emergency showers and eye wash recommended

SECTION 5 FIREFIGHTING MEASURES

Flammability	Non-flammable.
Fire fighting agents	Use agents suitable for type of surrounding fire (dry chemical, CO2 water spray or foam).
Special hazards	Salt withstands temperatures up to its melting point and beyond without decomposing, but at very high temperatures (greater than approximately 800°C) a vapor may be emitted which is particularly irritating to the eyes.
Protective equipment	As applicable to the combustion products associated with the fire.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid prolonged contact with the skin and inhalation of dust concentrations, otherwise normal good handling and housekeeping practice is adequate. No special protective clothing is required. An eyewash bottle with clean water should be available.
Spillages	Spillages should be swept up or may be safely water hosed to drain under normal circumstances.

SECTION 7 HANDLING AND STORAGE

Handling	Salt dust is non-flammable but static electricity can be generated by pneumatic conveying, therefore pipes should be bonded and earthed, especially in environments where a spark could prove hazardous.
Storage	Due to its hygroscopic nature, salt should be stored in a dry atmosphere and away from concentrated acids. Absorbs moisture if the relative humidity is above 75%. Product should be stored in such a way that it does not present a hazard if product were to fall

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

WORKPLACE EXPOSURE GUIDELINES	
Occupational exposure	As total dust 10mg/m ³ (8hr TWA)
Limits	As respirable dust 4mg/m ³ (8hr TWA)
Dangerous exposure	Non specified.
Engineering controls	Static electricity can be generated by pneumatic conveying, therefore pipes should be bonded and earthed, especially in environments where a spark could prove hazardous.
PROTECTIVE MEASURES	
Respiratory protection	If the process is such that salt dust is generated, a disposable face mask should be worn.
Hand protection	Gloves to be worn if prolonged contact is anticipated. Dry salt and concentrated solutions can cause withdrawal of fluid from the skin.
Eye protection	Wear chemical safety goggles in situations where contact with the eyes may occur.
Skin protection	Skin should be washed to remove salt. Dry salt and concentrated solutions can cause withdrawal of fluid from the skin.
Other protective measures	An eyewash and hand washing facilities should be readily available.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Crystalline solid	Explosive properties	Non-flammable
Colour	White / Colourless	Oxidising properties	Non-oxidising
Boiling point	1413°C	Vapour pressure @ 747°C	2.4 mmHg
Melting point	802°C	Density @ 20°C	2.165 gm/cc
Flammability	Non-flammable	Water solubility @ 0°C	35.9 g/100g
Flash point	Non-flammable	Water solubility @ 100°C	39.2 g/100g

SECTION 10 STABILITY AND REACTIVITY

Chemical stability	Stable.
Conditions to avoid	Reacts with strong sulphuric acid or nitric acid to give hydrogen chloride gas.
Material to avoid	Under wet conditions can corrode many common metals, particularly iron, aluminum and zinc. Stainless steel and monel resist attack.
Hazard decomposition products	Trace amounts of hydrogen chloride gas may be evolved at temperatures in excess of 800°C. Contains no water of crystallization. Does not react with alkalis at ordinary temperatures

SECTION 11 TOXICOLOGICAL INFORMATION

Eyes	Dusts may be irritating.
Skin	Irritation after prolonged contact.
Ingestion	Salt is an essential constituent of the diet. It provides important body electrolytes and is the source of hydrochloric acid present in the gastric juices. The blood stream contains nearly 1% sodium chloride. In normal industrial use salt is non-hazardous. LD50: 3000 mg/kg – oral, rat.
Inhalation	Dusts may be irritating.
Carcinogenicity	Not considered to be a carcinogen.
Mutagenicity	Not considered to be a mutagen.
Reproductive effects	Not identified.

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SECTION 12 ECOLOGICAL INFORMATION

A maximum value of 412 mg/l ensures the protection of all aquatic life (source: Water Research Centre - September 1990).

- 96 hour LC 50 (Fish): 6750 mg/l
- 48 hour EC 50 (Daphnia): 2024 mg/l
- 72 hour IC 50 (Algae): 3014 mg/l
- Daphnia Subacute: 1062 mg/l
- Fish Subacute: 433 mg/l
- BOD 5 day: 0 mg/l
- COD: 0 mg/l
- Earthworm Toxicity: 1000 hg/cm²

SECTION 13 DISPOSAL CONSIDERATION

Spills	Collect solid salt in a conventional manner, wash the spill area down with water if necessary.
Disposal	Refer to the Local council bylaws and Land Waste Management Authority. Dissolved material in excess water is normally suitable for disposal in storm water system.

SECTION 14 TRANSPORT INFORMATION

Transport	Road & Rail	Marine	Air
UN number	Not dangerous goods	Not dangerous goods	Not dangerous goods
UN proper shipping name	Nil	Nil	Nil
Transport hazard class(es)	Nil	Nil	Nil
Packing group	Nil	Nil	Nil

SECTION 15 REGULATORY INFORMATION

Regulatory status	Waiting to be Transferred to HSNO program. Legal substance in New Zealand.
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SECTION 16 OTHER INFORMATION

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.

Reference: supplier's SDS.

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