

Ag Salt

1. Identification of the substance/mixture and supplier

Product name:	Ag Salt
Other names	Sodium Chloride
Recommended Uses	Animal Health product, prevention and treatment of sodium deficiency in grazing livestock.
Supplier	Dickie Direct Ltd
Street address	25 Railway Road, Whakatu Hastings 4172
Telephone Number	0800 4 DICKIE (4 34254)
Website	www.dickiedirect.co.nz
Emergency Telephone	0800 CHEMCALL (24 hours) 0800 243 622

2. Hazards Identification

Hazard Classifications:	6.1E: May be harmful if swallowed, inhaled, or absorbed through the skin. Eye Irritation Category 2
Priority Identifiers:	WARNING KEEP OUT OF REACH OF CHILDREN

3. Composition/Information on Ingredients

Contents	CAS Number	Proportion
Sodium Chloride	7647-14-5	>99%

4. First Aid Measures

First Aid Measures: Consult the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor immediately in every case of suspected poisoning.

Inhalation: Remove patient to fresh air. Lay down and keep warm and rested. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Seek medical assistance immediately.

Ingestion: Never give anything by mouth to an unconscious person. If swallowed DO NOT induce vomiting. For advice, contact the National Poisons Centre on 0800 POISON (0800 764 766). Seek medical assistance immediately.

Skin: Remove contaminated clothing and wash affected area thoroughly with soap and water. If a large area is affected seek medical assistance.

Eye: Flush with plenty of water for 15 minutes holding eyelids open if necessary. Call a doctor immediately.

Advice to Doctor: No specific antidote. Treat symptomatically. If vomiting is induced, suggest endotracheal and/or oesophageal control. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach.

5. Fire-fighting Measures

Hazardous Combustion

Products: Salt withstands temperatures up to its melting point and beyond without decomposing, but at very high temperatures (greater than approximately 800°C) a vapour may be emitted which is particularly irritating to the eyes.

Extinguishing Media: There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for surrounding area.

Protective Equipment: Protective gloves and breathing apparatus

HAZCHEM Code: Not applicable

Location Certificate: Not applicable

Hazardous Atmosphere Not applicable

Zone:

Flash Point: Not applicable

6. Accidental Release Measures

Spills and Disposal: Wear appropriate protective clothing. Exclude non-essential people from the area. Contain spill and absorb with inert material such as soil, sand or absorbent granules and place in a sealable waste container. Dispose of waste safely in an approved landfill.

Protective Clothing: For appropriate personal protective equipment see section 8.

Environmental Precaution: Prevent from entering drains, waterways or sewers. If spill does enter waterways contact the local authority.

7. Handling and Storage

Handling: Keep out of reach of children. Avoid contact with skin, eyes and inhalation of vapours. Use personal protective equipment as required. 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.

Approved Handler: Not required

Tracking: Not required

Record Keeping: Not required

Storage: Due to its hygroscopic nature, salt should be stored in a dry atmosphere and away from concentrated acids. It 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. Store in locked, dry, cool area away from foodstuffs, fertiliser and seed.

Other Information: Always read the label before use. See label for further information on handling and storage

8. Exposure Controls/Personal Protection

Exposure Limits: No exposure limits have been assigned for this product.

Protective Equipment: When contact with product is likely, wear protective gloves.

Engineering Controls: Handle in well-ventilated area. Avoid inhalation of dust. Static electricity can be generated by pneumatic conveying therefore pipes should be bonded and earthed, especially in environments where a spark could prove hazardous.

Hygiene Precautions: Do not eat, drink or smoke while using this product. Remove protective clothing and wash hands and face before meals and after work. Wash protective clothing daily after work. Contaminated clothing should not be allowed out of the workplace.

9. Physical and Chemical properties

Appearance:	Crystalline solid
Specific Gravity:	2.2
Solubility in Water:	Soluble (35.9 g/100g at 0°C; 39.2 g/100g at 100°C)
Flash Point:	Not applicable (non-flammable)
Boiling Point:	1,413°C
Melting Point:	802°C

10. Stability and Reactivity

Stability: When stored appropriately this product should show no significant degradation for at least 2 years from the date of manufacture.

Hazardous Decomposition: None

Products:

Hazardous Polymerisation: Hazardous polymerisation is not likely to occur

Materials to Avoid: Reacts with strong sulphuric acid or nitric acid to give hydrogen chloride gas

Conditions to Avoid: High humidity

11. Toxicological information

Hazard Classifications: 6.1E: May be harmful if swallowed, inhaled, or absorbed through the skin.
Eye Irritation Category 2

Inhalation: Dusts may be irritating

Ingestion: Oral LD50 (rat); 3,000 mg/kg

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.

Skin: Irritation after prolonged contact

Eye: Dust may be irritating

Chronic Effects: None

Reproductive Toxicity: None

Mutagenicity: Non-mutagenic

Carcinogenicity: Not considered to be carcinogenic

12. Ecotoxicological information

Hazard Classifications: Not considered an ecotoxic substance

Ecotoxicity: 96 hour LC 50 (Fish) 6,750 mg/L

48 hour EC 50 (Daphnia) 2,024 mg/L

72 hour IC 50 (Algae) 3,014 mg/L

Daphnia Sub acute 1,062 mg/L

Fish Sub acute 433 mg/L

Earthworm Toxicity 1,000 hg/cm²

13. Disposal

Product Disposal: Dispose of product at an approved landfill. Recycle where possible. Do not contaminate bodies of water with chemical. 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.

Container Disposal: Burn container in an appropriate incinerator if circumstance, such as wind direction permit. Otherwise bury in an approved landfill. Do not use container for any other purpose.

14. Transport information

Transport Information: It is good practice to separate this product from food, food related materials, animal feedstuffs, seed or fertilisers during transport.

RAIL/ROAD; SEA (IMDG Code); AIR (ICAO/IATA)

UN Number: N/A

Proper Shipping Name: N/A

DG Class: N/A

Subsidiary Class: N/A

Packing Group: N/A

Marine Pollutant: No

MTQ (non-commercial): N/A

HAZCHEM Code: N/A

IERG Number: N/A

Other information: Check the latest versions of the Land Transport Dangerous Goods Rule 45001 and associated Transport of Dangerous Goods on Land (NZS 5433) for additional information on maximum allowable transport quantities (MTQ's), placarding and segregation. Sea transport may require further segregation.

15. Regulatory Information

ACVM: Exempt from Registration under the ACVM Act 1997

EPA: Approved pursuant to the HSNO Act 1996, Approval number: HSR002722

See www.epa.govt.nz for approval controls.

16. Other information

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES.

The information in this document is believed to be correct as of the date issued. However, no warranty of merchantability, fitness for any particular purpose, or any other warranty is expressed or is to be implied regarding the accuracy or completeness of this information, the results to be obtained from the use of this information or the product, the safety of this product, or the hazards related to its use. This information and product are furnished on the condition that the person receiving them shall make his own determination as to the suitability of the product for his particular purpose and on the condition that he assume the risk of his use thereof.