

Cheetham Salt Limited

Material Safety Date Sheet

## CHEETHAM SALT - STANDARD SALT RANGE

### INTRODUCTION

*STATEMENT OF HAZARDOUS NATURE*

**Not classified as hazardous according to criteria of Worksafe Australia**

*COMPANY DETAILS*

Company Name	Cheetham Salt Limited		
Street Address	35 Lowe Street, Corio, Victoria, Australia 3214		
Postal Address	P.O. Box 185, North Shore, Victoria, Australia 3214		
Telephone	03 5275 8000	Facsimile	03 5274 1213
International Telephone	61 35275 8000	International Facsimile	81 3 5274 1213

### IDENTIFICATION

**Product Names**

Mermaid Sieved Coarse, Mermaid Refined Coarse, Mermaid Gourmet Salt Crystals (10kg), Mermaid Kosher, Mermaid Grade 6 Salt, Mermaid Dried Fine, Mermaid Special Milled, Mermaid Pretzel S&T, Mermaid Premium Salt, Mermaid Grade 9 Salt, Mermaid Superfine Salt, Mermaid FG Premium Salt, Mermaid Grind Washed Coarse, Mermaid Crushed Coarse Salt, Mermaid Washed Fine Salt, Crown Watersoftener Salt, Diamond Watersoftener Salt, Mermaid Watersoftener Salt, Mermaid Swimming Pool Salt, Diamond Swimming Pool Salt, Sunray Swimming Pool Salt, Crown Dairy Salt, Ocean PDC Salt, Ocean Fine Salt, Antarctic Sea Salt, Ocean Dew Salt,

*Chemical Name*

Sodium chloride

*CAS No.*

7647-14-5

**Synonyms**

Salt, Solar Salt, Rock Salt, Sea Salt, Halite

*UN No.*

None Allocated

**Dangerous Goods Class**

None Allocated

**HAWHEM Code**

None Allocated

**Uses**

Food flavoring, preservative, general condiment,

*Physical Description And Properties*

Appearance Translucent to opaque white, hygroscopic  
 Melting Point 8010C  
 Boiling Point 14130C at 101,3 kPa  
 Vapour Pressure 1 mm Hg at 8651C  
 Density 2.163 gm 1 cc at 20°C (for solid sodium chloride)  
 Flashpoint 1 Flammability Not applicable  
 Solubility In Water 35.7 gm 1100 ml OOC 39.12 9m 1100 mJ 1 00°C  
 Molecular Weight 58,44

*Ingredients*

	CAS No.	Proportion
Salt (sodium chloride)	7647-14- 5	100%

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Sheet**

**Material**

**HEALTH HAZARD INFORMATION**

*Health Effects*

Acute Swallowed: May cause vomiting, diarrhoea, anorexia, thirst, fever, and convulsion after excessive ingestion. Dehydration may occur in most internal organs, central nervous system may be affected resulting In confusion or coma. irritant  
Eyes irritant, causing redness & some pain.  
Skin Irritant to some sensitive persons, or when applied to open cuts & abrasions. intensive exposure may result in dermatitis.  
Inhaled Irritant to mucous membranes, May give salty taste or cause Irritation to nose & throat. Symptoms could be coughing, sore and dry throat,

Chronic There it no consensus in the scientific community about the relationship between salt and hypertension 1 elevated blood pres sure  
Some medical practitioners believe that high levels of salt can cause hypertension, but There is no evidence that this is so In healthy normotensive people. There is evidence however that severe salt restriction can lower blood pressure In one third to one half of individuals with hypertension. It is therefore best assessed on an Individual basis

*First A id*

Swallowed High water (or milk) intake facilitates urinary excretion. Provide liquid slowly but as much as casualty will drink, No need to induce vomiting.

**CAUTION: NEVER MAKE UNCONSCIOUS person VOMIT OR DRINK FLUIDS,**

**In serious cases obtain medical attention.**

Eves Irrigate with ample volume of water for 15 minutes. keep eyelids well apart while rinsing and ensure no particles are lodged behind eyelids. Where irritation persists, seek medical advice.  
SkinWash affected areas thoroughly with water (and soap if available). Seek medical attention in event of continued irritation.  
InhaledNot normally a risk, but some discomfort may follow where working with dusty product, Ensure airways are clear. remove to fresh air. Allow patient to drink ample water (or milk).

*Advice To Doctor*

Treat Symptomatically

**PRECAUTION FOR USE**

Exposure Limits Orally in rats LID 50 = 3000 mg/kg  
Orally in humans TDLO 12357 mg/kg  
Ventilation Adequate ventilation is recommended.  
Engineering Controls Structure; integrity of various motels used in equipment and structures should be regularly checked as salt accelerates corrosion of meet common metals (especially in damp conditions). Iron, steel, zinc and aluminium are particularly susceptible, while brass, bronze and stainless steel are fairly resistant,  
Personal Protection Under normal circumstances protective wear Is not required, however under particularly dusty conditions a dust mask is recommended.  
personal Rubber gloves, safety goggles, overalls etc. may be used for comfort.  
Flammability Non combustible.

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Storage & Transport Store In a cool, dry place and away from oxidising materials, Keep

containers include plastic bottles  
or multi wall paper bag  
prevent rain or physical  
packaging material.

containers securely sealed. Suitable  
or drums, multiply woven plastic, other plastic,  
with sealed plastic liner.  
During transport, should be covered to  
damage  
Keep out of sunlight to prevent deterioration of

**Spills Disposal** Recover product where practical, sweep up remnants (avoid  
generating dust) & dispose of in sealed containers to licensed waste.  
Finally flush area to dissolve in sufficient amounts of water to meet  
existing water quality standards.

**Fire 1 Explosion Hazard** Salt poses no fire or explosion hazard if involved in a fire  
therefore  
use fire fighting procedures suitable for surrounding area. Salt is not  
combustible. However, when heated to decomposition at a very high  
temperature it emits toxic fumes of chlorine & sodium oxide.

Incompatibility  
Bromine Trifluoride  
Possible violent reaction

Dichloromaleic Anhydride +  
Explosive reaction above 118 C

Urea

Lithium (burning)  
Releases violent flammable sodium

Nitrogen Compounds  
May form explosive compounds

under electrolysis conditions.

## CONTACT POINT

Business Hours Phone	(03) 5275 8000	International 61 352758000
Business Hours Fax	(03) 5274 1213	International 81 35274 1213

Note The Information contained herein is derived from a variety of  
sources and standards published internationally

Cheetham Salt taken all care to ensure that the information is accurate  
safety levels are not *no*

*effect levels*

do not guarantee protection to every worker Given the nature of biological variation a small  
proportion

of workers exposed to a particular chemical may react at or below levels prescribed  
this information is not to be construed as a warranty. Although strict quality control is  
exercised during

the manufacture of these products, as the manufacture, does not control  
transportation storage, handling or use of these products we assume no liability  
resulting from their use. No guarantee is given as to the suitability, performance,  
effects or results of the use of these products.

Customers should make their own judgement and tests as to the products characteristics

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performance in the context of intended use

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Date Authorised 12/08/2003

Reason for change New product lames added to