Dominant® | SAFETY DATA SHEET

Date of Issue: 17 November 2016

Water Softener Salt

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name	Water Softener Salt
Code	40244
Product Use	Water softening agent for water softeners
Company Name	Dominant (Australia) Pty Ltd
Address	12 Coglin Street, Brompton SA 5007, Australia
Telephone	1300 789 852 or +61 (8) 8245 6900
Facsimile	+ 61 (8) 8340 1626
Emergency Phone	13 11 26

2. HAZARDS IDENTIFICATION

GHS Classification	**Not applicable**
Signal Word	**Not Hazardous**
Hazard Statements	**Not applicable**
Precautionary Statements	Keep out of reach of children Read label before use.
Pictograms	**Not applicable**

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	**Name**	**CAS**	**Proportion**
	Sodium chloride	7647-14-5	100%

4. FIRST AID MEASURES

Ingestion	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.
Eye	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.
Skin	Wash affected areas thoroughly with water (and soap if available). Seek medical attention in event of continued irritation.
Inhaled	Not 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. For advice contact a Poisons Information Centre. (Phone Australia 13 11 26; New Zealand 0800 764 766)

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5. FIRE FIGHTING MEASURES

Extinguishing Media	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.
Hazards from Combustion	When heated to decomposition at a very high temperature it emits toxic fumes of chlorine & sodium oxide.
Precautions for Fire Fighters	Salt poses no fire or explosion hazard if involved in a fire, therefore use fire fighting procedures suitable for surrounding area.
Hazchem	None Allocated

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Recover product where practical. Contain spills to prevent release to water systems or environment.
Clean Up	Contain spills to prevent release to water systems or environment. Recover product where practical, vacuum or sweep up remnants (avoid generating dust) & dispose of in sealed containers to licensed waste.

7. HANDLING AND STORAGE

Handling	Under normal circumstances no specific handling measures are required. Where prolonged contact may occur, rubber gloves, safety goggles, overalls etc. may be used for personal comfort.
Storage	Store in a cool, dry place and away from oxidising materials. Keep containers securely sealed. Suitable containers include plastic bottles or drums, multi-ply woven plastic, other plastic, or multi wall paper bag with sealed plastic liner. Keep out of sunlight to prevent deterioration of packaging material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards	No exposure standard allocated
Engineering Controls	Under normal circumstances engineering controls are not required however if use creates dust to a level that is a discomfort to workers a local exhaust system is recommended. Structural integrity of various metals used in equipment and structures should be regularly checked as salt accelerates corrosion of most common metals (especially in damp conditions). Iron, steel, zinc and aluminium are particularly susceptible, while brass, bronze and stainless steel are fairly resistant
Personal Protective Equipment	Under normal circumstances protective wear is not required however under particularly dusty conditions a dust mask is recommended. Where prolonged contact may occur, rubber gloves, safety goggles, overalls etc. may be used for personal comfort.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Translucent to opaque white crystals or powder
Solubility in Water	35.7 gm / 100 ml @ 0ºC 39.12 gm / 100 ml @ 100ºC
Odour	Nil odour
pH	Not available
Flash Point	Not applicable
Melting Point	801ºC
Boiling Point	1413ºC at 101.3 kPa
Specific Gravity	1.2

10. STABILITY AND REACTIVITY

Stability	Stable. Slightly hygroscopic.
Conditions to Avoid	Incompatible materials (below)
Hazardous Decomposition Products	When heated to decomposition at a very high temperature it emits toxic fumes of chlorine & sodium oxide. May evolve chlorine gas when in contact with strong acids
Incompatible Materials	Bromine trifluoride, lithium, strong acids

11. TOXICOLOGICAL INFORMATION

Ingestion	May cause vomiting, diarrhea, 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.
Eye	Dust exposure may cause physical irritation to the eyes because of the particulate nature of the product.
Skin	Abrasive irritant to some sensitive persons, or when applied to open cuts & abrasions. Intensive exposure may result in dermatitis.
Inhalation	Abrasive irritant to mucous membranes. May give salty taste or cause irritation to nose & throat. Symptoms could be coughing, sore and dry throat.
Chronic Effects	There is no consensus in the scientific community about the relationship between salt and hypertension / elevated blood pressure. 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.
Toxicological Data	LD 50 ORAL (rat) = 3000 mg/kg TDLO ORAL (human) = 12357 mg/kg

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12. ECOLOGICAL INFORMATION

Ecotoxicity No information available.

13. DISPOSAL CONSIDERATIONS

Contain spills to prevent release to water systems or environment. Recover product where practical, vacuum or sweep up remnants (avoid generating dust) & dispose of in sealed containers to licensed waste.

14. TRANSPORT INFORMATION

Transport	During transport, should be covered to prevent rain or physical damage. Keep dry.
UN No.	None allocated
Proper Shipping Name	None allocated
Hazchem Code	None allocated
Class	None allocated
Packing Group	None allocated

15. REGULATORY INFORMATION

Classification Poisons Schedule: Not classified according to the Poisons Standard March 2016

Not Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

Considered naturally occurring chemical by AICS (Australian Inventory of Chemical Substances) when used industrially.

16. OTHER INFORMATION

Contact Point Dominant Australia. Phone 08 8245 6900
24 hour medical emergency 13 11 26

Date of preparation 27th May 2014