



## MATERIAL SAFETY DATA SHEET

### WASHING SODA CRYSTALS

STATEMENT OF HAZARDOUS NATURE: This material is not classified as a Hazardous material according to the criteria of NZS 5433:1999 'Transport of Dangerous Goods on Land'. This material is not a scheduled poison according to the criteria of the Toxic Substances Regulations 1983.

#### IDENTIFICATION

Product Name: Washing Soda Crystals

Other Name: Sodium Carbonate Decahydrate

Manufacturer's Product Code: None allocated

U N Number: None allocated

Dangerous Goods Class: None allocated

Packaging Group: None allocated

Hazchem Code: None allocated

Toxic Substance Schedule: Not listed

#### Physical Description/Properties

Appearance/Odour: White to colourless damp crystalline solid, odourless

Boiling Point/Melting Point: Not available

Vapour Pressure: Not available

Specific Gravity: Bulk density : 1.0

Flash Point: Not available

Flammability Limits: Not available

Solubility in Water: Soluble

**Ingredients** pH(1% solution in water) 10-11

Chemical Entity	CAS No.	Proportion
Sodium Carbonate	497-19-8	30-60%
Water	7732-18-5	to 100%

HEALTH HAZARD INFORMATION
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## Health Effects

### Acute

Swallowed: Mildly irritant to the throat and stomach

Eye: Moderate eye irritant

Skin: Mildly irritant to the skin, particularly sensitive skin

Inhaled: Contact with concentrated material may irritate soft tissue. Due to product form and nature of use an inhalation hazard is not anticipated

### Chronic

#### First aid

Swallowed: Do NOT induce vomiting. Rinse with milk or water. Give large amounts of water or milk to drink to achieve dilution. If vomiting occurs give further milk or water. Seek urgent medical assistance.

Eye: Flush affected eye(s) with copious amounts of cold or luke warm water for at least 15 minutes retracting eyelids frequently. Seek medical assistance.

Skin: Flood affected area with copious amounts of soap and water. Remove contaminated clothing and launder before reuse. If rash or discolouration appears or persists seek medical assistance.

Inhaled: Remove to fresh air, loosen restrictive clothing. Blow nose thoroughly and swab nasal passages with damp cotton wool. Allow to rest and keep warm. If recovery is not rapid and complete seek medical assistance

**Advise to Doctor**      Treat symptomatically. Refer to National Poisons and Hazardous Chemicals Information Centre.

### PRECAUTIONS FOR USE

- Exposure Standards:**      Not established.
- Engineering Controls:**      Natural ventilation should be adequate under normal use conditions. Avoid generating and inhaling dust.
- Personal Protection:**      Eye protection and gloves should be worn if contact concentrated material is likely.
- Flammability:**              Non combustible.

### SAFE HANDLING INFORMATION

- Storage and Transport:**      Store away from foodstuffs and acids. Keep dry.
- Spills and Disposal:**          Sweep up, avoid generating dust. Place into suitable containers.  
Wash excess into drain with copious amounts of water.
- Fire/Explosion Hazard:**      Non flammable. Stable at ambient temperatures. Does not support combustion. Use fire fighting media suitable for surrounding fire.

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