

# SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION:

### KRYSTAL

Machine dishwash powder

### FRESH & CLEAN

A division of AlSCO NZ,  
354 New North Road,  
Eden Terrace, Auckland, 1021,  
New Zealand.

PO Box 8860, Symonds St, Auckland, 1150.  
Freephone: 0800 257 266  
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EMERGENCY CONTACT: Phone: 0800 257 266 Open Hours: 8am - 5pm, Monday to Friday  
After Hours: National Poisons & Hazardous Chemical Information Centre: 0800-764-766 (0800-POISON)

## 2. HAZARD IDENTIFICATION:

This material is not hazardous according to the criteria of the Health & Safety at work (Hazardous substances) Regulations 2017.  
This material is not hazardous according to the EPA Minimum Degrees of Hazard and Classification Notices 2017.

This product is classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.  
Approved under Cleaning Products Subsidiary Group Standard: HSR002530

**Signal Word: WARNING**

HSNO Hazard Classification & Hazard Statements	
6.1E (oral) May be harmful if swallowed.	6.4A (mild irritant -reversible within 7 days) Causes eye irritation.
6.3A Causes skin irritation.	9.1C Harmful to aquatic life with long lasting effects.

### Precautionary Statements:

Keep out of reach of children. Read label before use. Wash hands thoroughly after handling. Avoid skin contact or wear protective gloves.  
Avoid release to the environment.

## 3. COMPOSITION & INFORMATION ON INGREDIENTS:

Detergent Builders	> 50 %	Sodium Percarbonate (CAS# 15630-89-4)	20 - 50%
Tetraacetyl Ethylenediamine (CAS# 10543-57-4)	2 - 5%	Surfactant & Perfume	< 2 %

## 4. FIRST AID MEASURES:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical advice.

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation occurs: Get medical advice.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

MEDICAL ASSISTANCE: If discomfort persists call your nearest Medical Centre or the NZ National Poisons Centre 0800-764-766 for advice.  
Have label or Safety Data Sheet on hand.

## 5. FIRE FIGHTING MEASURES:

This product is neither flammable nor combustible.

Packages subject to the heat of a fire may burn scattering contents in the vicinity. If water is used to fight the fire, dissolved powder will flow to the lowest levels. Where possible remove all packaging from the path of a fire while still dry.

Firefighters must wear SCBA and chemical resistant suits.

Firefighters should use foam, CO<sub>2</sub>, or dry chemical powder to extinguish a fire in the vicinity. Water jet, spray, or fog on large fires only.

## 6. ACCIDENTAL RELEASE MEASURES:

Spills on floors will produce a slippery surface if moisture is around. Signage preventing foot traffic should be erected where appropriate.  
Spills should be carefully contained from spreading beyond the spill area and swept up with brooms and shovels or a mechanical vacuum cleaner and the debris placed in open top-drums which can be closed and removed to landfill.

## 7. HANDLING AND STORAGE:

### Precautions for Safe Handling:

Keep out of reach of children. Read label before use. Wash hands thoroughly after handling. Avoid skin contact or wear protective gloves.  
Avoid release to the environment.

### Precautions for Safe Storage:

Store in original container. Handle to prevent damage to containers. Should packaging be damaged, repack into clean and dry containers of the same type and mark the product name carefully on the container. Always replace lids and caps after using the product.

**8. EXPOSURE CONTROLS & PERSONAL PROTECTION:**

Exposure controls:	No data is available for the product.
Eye protection:	Safety glasses.
Protective clothing:	Chemically impregnable gloves, work shoes, protective work clothes (an apron or overalls).
Respiratory protection:	Should the operator be subject to dust in the routine handling of this product, a mouth and nose filter guard should be used. If subject to regular dust clouds a respirator should be used.
Ventilation:	Where an operator is subject to dusty conditions, ensure there is ready access to eyewash units and safety shower. Also ensure adequate ventilation is provided in the work space.

**9. PHYSICAL AND CHEMICAL PROPERTIES:**

<b>Appearance</b>	Fine granular white powder
<b>Odour</b>	Citrus
<b>pH</b>	1 % solution pH = 11.0    50% slurry pH = 12.0
<b>Flash Point</b>	Not applicable
<b>Ignition Point</b>	Not applicable
<b>Specific Gravity</b>	Not applicable
<b>Refractive Index</b>	Not applicable
<b>Viscosity</b>	Not applicable
<b>Relative Foam</b>	Low
<b>Solubility in water</b>	10% approximately

**10. STABILITY AND REACTIVITY:**

The product is considered stable under normal storage conditions.  
 Avoid contamination with oxidising substances.  
 Hazardous polymerisation will not occur.  
 Combustion of this product will release oxides of carbon and nitrogen

**11. TOXICOLOGICAL INFORMATION:**

No data is available for the product.

**12. ECOLOGICAL INFORMATION:**

No data is available for the product.

**13. DISPOSAL CONSIDERATIONS:**

Dispose of in accordance with local regulations by recognised waste disposal experts. Landfill is the preferred method. Sweep up any spillage of solid product and use normally or place in suitable container ready for disposal. Wash empty plastic containers before recycling.

**14. TRANSPORT INFORMATION:**

NZ Land Transport Rule: Dangerous Goods Rule 2005    Not Classified as a Dangerous Goods for Land Transport in New Zealand.

**15. NZ REGULATORY INFORMATION:**

This material is hazardous according to the criteria of the Health & Safety at work (Hazardous substances) Regulations 2017.  
 Cleaning Products Subsidiary Group Standard    HSR002530

HSNO Act Controls Regulations 2001 for the product:  
 Wear suitable protective clothing while being used    Limit exposure to the environment  
 Dispose of waste or spilt material only through a recognised expert company

**16. OTHER INFORMATION:**

Formulation reference and version number:    Lab S6-151  
 This SDS was prepared from data available on 10 July 2019  
 This SDS will be reviewed no later than 31 August 2021

**END OF THIS SAFETY DATA SHEET**