

# SAFETY DATA SHEET

According to Work Health and Safety Regulations 2011 and National Model Code of Practice for the preparation of Safety Data Sheets for Hazardous Chemicals

Version 1.0

Issue date: 07/08/2017

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SDS Record Number: CSSS-TCO-010-124404

## 1. Identification of the material and supplier

**Material name:** Dehumidifier

**Other Names:**

**Recommended use:** Home use.

**Manufacturer:**

**Supplier(Manufacturer):**

**Address:**

**Contact person(E-mail):**

**Telephone:**

**Fax:**

**Emergency number:**

**Importer:**

**Company name:**

**Address:**

**Contact person(E-mail):**

**Telephone:**

**Fax:**

**Emergency number:** Chemwatch Emergency Response (03) 1800 039 008(Monday – Friday 8:30 am – 5:00 pm)

## 2. Hazards identification

**GHS classification:**

**Physical hazards:** Not classified

**Health hazards:** Serious eye damage/eye irritation

Category 2

**Environmental hazards:** Not classified

**GHS label elements:**

**Hazard Pictograms :**



**Signal word:** Warning

**Hazard statement:** Causes serious eye irritation

**Precautionary statement:**

**Prevention:** Wash hands thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** 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/attention.

**Storage:** Not applicable.

**Disposal:** Not applicable.

**Specific hazards:** Not applicable.

### 3. Composition/information on ingredients

Components	CAS No.	Percent
Calcium Chloride Dihydrate	10035-04-8	100%

### 4. First aid measures

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

<b>Inhalation:</b>	Remove to fresh air, keep warm and at rest. If symptoms persist. Seek medical attention.
<b>Skin:</b>	Remove contaminated clothing. Wash off any skin contamination immediately with plenty of water. Launder clothes before re-use.
<b>Eye:</b>	Remove contact lenses if present. Irrigate eye thoroughly with eye wash solution or clean water for at least 10 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Seek medical attention.
<b>Ingestion:</b>	DO NOT induce vomiting. Wash out mouth with water and give plenty of water to drink (at least 300 ml.). Obtain medical advice if symptoms persist.
<b>Notes to physician:</b>	Treat symptomatically.

### 5. Fire-fighting measures

<b>Suitable extinguishing media:</b>	All extinguishing media are allowed; select the appropriate extinguishing media depending on the surrounding fire and environment.
<b>Extinguishing media which must not be used for safety reasons:</b>	Not available.
<b>Specific hazards arising from the chemical:</b>	Non-combustible.
<b>Fire Fighting:</b>	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
<b>HAZCHEM code</b>	None.

### 6. Accidental release measures

<b>Personal precautions:</b>	Provide adequate ventilation. Avoid breathing dust. Refer to section 8 of SDS for personal protection details.
<b>Containment procedures:</b>	Prevent uncontrolled discharges into the environment (rivers, water courses, sewers etc.). See exposure scenarios covering intended use in the environment like de-icing and dust suppression.
<b>Methods for cleaning up:</b>	Clean up contamination/spillages as soon as they occur. Collect as much as possible in a suitable clean container, preferably for re-use, otherwise for disposal. Wash the spillage area with large quantities of water.

### 7. Handling and storage

<b>Precautions for safe handling:</b>	Avoid contact with skin and eyes. Provide basic employee training to prevent / minimise exposures and to report any skin problems that may develop.
<b>Storage:</b>	Store at a dry place, not above normal room temperature.

### 8. Exposure controls/personal protection

<b>Control parameters</b>	
<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).

<b>Biological limit values:</b>	No biological exposure limits noted for the ingredient(s).
<b>Appropriate engineering controls:</b>	Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
<b>Personal protective equipment:</b>	
<b>Eye/face protection:</b>	Wear suitable eye/face protection. Most materials for protective goggles and face visors will probably be suitable eg. polycarbonate.
<b>Skin protection:</b>	Normal working clothes is suitable.
<b>Respiratory protection:</b>	In the case of high dust levels wear suitable respiratory protective equipment, ie. dust mask or respirator conforming to EN standards. Recommended filter = particle filter,P2.
<b>Hand protection:</b>	Wear suitable chemical resistant protective gloves for frequent or prolonged operations tested to EN374 with an acceptable permeation test. Suitable materials include neoprene (chloroprene), PVC and nitrile rubber. Contaminated gloves should be carefully rinsed with water before reuse. Non suitable materials: Leather gloves.

## 9. Physical and chemical properties

<b>Appearance:</b>	
<b>Physical state:</b>	Solid
<b>Form:</b>	Particles
<b>Color:</b>	White
<b>Odor:</b>	Odorless
<b>Odour threshold:</b>	Not available
<b>PH:</b>	Not available
<b>Melting point/Freezing point:</b>	Not available
<b>Initial boiling point and boiling range:</b>	Not available
<b>Flash point:</b>	Not available
<b>Evaporation rate:</b>	Not available
<b>Flammability (solid, gas) :</b>	Not available
<b>Upper/lower flammability or explosive limits:</b>	Not available
<b>Vapor pressure:</b>	Not available
<b>Vapor density:</b>	Not available
<b>Density:</b>	Not available
<b>Solubility (H<sub>2</sub>O) :</b>	Very soluble
<b>Partition coefficient (n-octanol/water) :</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition temperature:</b>	Not available
<b>Viscosity, dynamic:</b>	Not available
<b>Organic solvents:</b>	Not available
<b>Water:</b>	Not available
<b>VOC (EC) :</b>	Not available
<b>Solids contents:</b>	Not available
<b>Molecular Formula:</b>	CaCl2.2H2O
<b>Molecular Weight:</b>	147.01

## 10. Stability and reactivity

<b>Reactivity:</b>	The substance is stable under normal storage and handling conditions.
<b>Chemical stability:</b>	Stable at room temperature in closed containers under normal storage and handling

Possibility of hazardous reactions:

Conditions to avoid:

Incompatible materials:

Hazardous decomposition products:

conditions.  
No dangerous reactions known.  
Incompatible materials.  
Strong reducing and oxidizing agents.  
None at normal use.

11. Toxicological information

Toxicological data:

Acute toxicity:

LD50(Oral, Rat):

LD50(Dermal, Rabbit):

LC50(Inhalation, Rat):

2 301 mg/kg bw  
> 5 000 mg/kg bw  
Not available

Skin corrosion/Irritation:

Serious eye damage/irritation:

Respiratory or skin sensitization:

Germ cell mutagenicity:

Carcinogenicity:

Reproductive toxicity:

STOT- single exposure:

STOT-repeated exposure:

Aspiration hazard:

Other information

No data available.  
Causes serious eye irritation  
No data available.  
No data available.  
No data available.  
No data available.  
No data available.  
No data available.  
No data available.  
No data available.  
This product has no known adverse effect on human health.

12. Ecological information

Toxicity:

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	4 630 mg/L	96h	Fish	OECD 203	N/A	N/A
LC50	2 400 mg/L	48h	Daphnia	OECD 202	N/A	N/A
EC50	2 900 mg/L	72h	Algae	OECD 201	N/A	N/A

Persistence and degradability:

Bioaccumulative potential:

Mobility in soil:

Other adverse effects:

Not available.  
Not available.  
Not available.  
No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal methods:

Waste from residues/unused products:

Contaminated packaging:

Collect and reclaim or dispose in sealed containers at licensed waste disposal site.  
Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).  
Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. Transport information

### ADG

UN number	Not regulated
Proper shipping name	Not regulated
Hazard class	Not regulated
Packing group	Not regulated
Labels required	Not regulated
Special precautions	Read safety instructions, SDS and emergency procedures before handling.

### IATA

UN number	Not regulated
Proper shipping name	Not regulated
Hazard class	Not regulated
Packing group	Not regulated
Special precautions	Read safety instructions, SDS and emergency procedures before handling.

### IMDG

UN number	Not regulated
Proper shipping name	Not regulated
Hazard class	Not regulated
Packing group	Not regulated
Environmental hazards	
Marine pollutant	No
Special precautions	Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not regulated

## 15. Regulatory information

### Safety, health and environmental regulations

#### National regulations

##### Australia National Pollutant Inventory (NPI): Threshold quantity

Calcium Chloride Dihydrate (CAS 10035-04-8) 10 TONNES/YR Threshold Category: 1

##### High Volume Industrial Chemicals (HVIC)

Calcium Chloride Dihydrate (CAS 10035-04-8) 1000 - 9999 TONNES See the regulation for additional information.

##### Importation of Ozone Depleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10)

Not listed.

##### National Pollutant Inventory (NPI) substance reporting list

Not listed.

##### Prohibited Carcinogenic Substances

Not regulated.

##### Prohibited Substances (National Model Regulation for the control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994) as amended)

Not listed.

##### Resricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)

Not listed.

##### Restricted Carcinogenic Substances

Not regulated.

#### International regulations

##### Stockholm Convention

Not applicable

**Rotterdam Convention**

Not applicable.

**Kyoto protocol**

Not applicable.

**Montreal Protocol**

Not applicable.

**Basel Convention**

Not applicable.

**Inventory status:**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic /Non-Domestic Substances List (DSL) /(NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial/ Notified Chemical Substances (EINECS) / (ELINCS)	Yes
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information**

<b>Indication of changes:</b>	Version 1.0
<b>Training instructions:</b>	Not applicable.
<b>Further information:</b>	This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.
<b>Notice to reader:</b>	Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees.  This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.