

# Safety Data Sheet



## Citric Descaler

### 1: Identification of the material and supplier

#### Names

Product Name: Citric Descaler  
Other Names:  
Supplier: Chemform Pty Ltd (ABN: 50 008 905 119)  
7 Kirke Street, Balcatta, WA 6021  
Phone (08) 9344 2455 Fax: (08) 9344 4360 Email: [admin@chemform.com.au](mailto:admin@chemform.com.au)  
[www.chemform.com.au](http://www.chemform.com.au)  
Emergency Telephone: Poisons Information Centre (Australia) 13 11 26  
Recommended Use: Descaler

### 2: Hazardous Identification

**Statement of Hazardous & Dangerous Nature:** Classified as HAZARDOUS according to the criteria of Work Safe Australia and classified as a NON-DANGEROUS GOOD according to criteria Australian Dangerous Goods Code.

**Hazard Classification:** Xi - Irritant

**Risk Phrase(s):** R36 Irritating to eyes  
R37 Irritating to respiratory system  
R38 Irritating to skin

**Safety Phrase(s):** S24/25 Avoid contact with skin and eyes

### 3: Composition/Information on Ingredients

INGREDIENT	CAS NUMBER	PROPORTION
Citric acid monohydrate	5949-29-1	to 100%

### 4: First Aid Measures

**General:** If poisoning occurs, contact a doctor or Poisons Information Centre (Australia 13 11 26)

**Ingestion:** If swallowed, rinse mouth out immediately and give plenty of water to drink. Do not induce vomiting. Seek medical attention if irritation persists.

**Eyes:** If in eyes, hold eyelids apart and flush the eye continuously with running water for at least 15 minutes. Seek medical attention if irritation persists.

**Skin:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

**Inhalation:** Remove affected person to fresh air and keep calm. Seek medical attention if symptoms persist.

**Advice to Doctor:** Treat symptomatically based on individual reactions of patient and judgement of doctor.

**First Aid Facilities:** Fresh water, soap, eyewash.

**Long Term Effects:** None known.

## 5: Fire Fighting Measures

- General Comment:** The product is combustible and will burn if exposed to a fire. The dust in sufficient quantity is capable of creating a dust explosion.
- Specific Hazards:** Decomposes when exposed to fire conditions. Products of decomposition may include oxides of carbon and irritating fumes.
- Hazchem Code:** Not applicable

## 6: Accidental Release Measures

- Personal Precautions:** Keep unnecessary personnel away. Wear protective eyewear, gloves, overalls, and chemical resistant safety boots.
- Spills and Disposal:** Collect spilled material into suitable containers and hold for later disposal. Flush away spill area residues with copious amounts of water.

## 7: Handling and Storage

- Handling:** Minimise direct contact with product.
- Storage:** Always replace lid on container after use.
- Hygiene Measures:** Always wash hands before eating, drinking, smoking or using the toilet.

## 8: Exposure Controls – Personal Protection

- National Exposure Standards:** No exposure standard has been established for this product by the Work Safe Australia. However, the exposure standard for dust not otherwise specified is 10mg/m<sup>3</sup> (for inspirable dust) and 3mg/m<sup>3</sup> (for respirable dust).
- Engineering Controls:** Avoid generation and inhalation of dusts.
- Personal Protection:**
- Eyes:** Chemical goggles
- Hands:** Chemical resistant gloves
- Skin:** Overalls and chemical resistant boots

## 9: Physical and Chemical Properties

- Appearance:** Colourless to white powder or crystal
- Odour:** odourless
- pH (2% w/w):** 2.2
- Vapour Pressure:** Not known
- Vapour Density:** Not known
- Boiling Point:** Decomposes
- Melting Point:** 153°C deg C
- Solubility:** Soluble
- Specific Gravity:** Not relevant

## 10: Stability and Reactivity

**Chemical Stability:** The product is stable under normal conditions.  
**Conditions to Avoid:** Avoid extreme heat, high temperatures, static discharges and dusty conditions  
**Incompatible Materials:** Keep away from aluminium, copper, zinc, and steel. Keep away from potassium tartrate, alkalis, alkaline earths, carbonates and bicarbonates, metal nitrates, acetates, and sulfides

### Hazardous Decomposition

**Products:** Product will emit oxides of carbon and irritating smoke  
**Hazardous Reaction:** None known

## 11: Toxicological Information

**Ingestion (acute):** Oral (rabbit) LD50: >7000 mg/kg, Oral (mouse) LD50: >5400 mg/kg, Oral (rat) LD50: >6730 mg/kg

**Eye (acute):** Eye - strong irritant (rabbit): 750 ug/24hr,

**Skin (acute):** Skin - moderate irritant (rabbit): 500 mg/24hr

**Inhalation (acute):** Inhalation of dust or powder is likely to result in respiratory irritation

**Chronic Effects:** No data available

## 12: Ecological Information

**Environmental Protection:** The product readily biodegradable in the environment.

## 13: Disposal Considerations

**Disposal Methods:** Disposal of this product and solutions of the product should at all times comply with requirements of environmental protection and waste disposal legislation as well as requirements by local authorities.

## 14: Transport Information

**UN Number:** Not applicable

**UN Proper** Not applicable

**Shipping Name:** Not applicable

**Class:** Not applicable

**Subsidiary Risk:** Not applicable

**Packing Group:** Not applicable

**Special Precautions** Ensure containers are clearly labeled. Keep containers securely sealed and protected  
**For users:** against physical damage.

**Hazchem Code:** Not applicable

**IERG Number:** Not applicable

## **15: Regulatory Information**

**Packaging & Labelling:** This product is not a scheduled poison in accordance with the relevant State Poisons Act. Defined as a "Non Dangerous Good" by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

## **16: Other Information**

**Prepared By:** Brett Amos

**Date of Previous Issue:** New

**Change Made:** New

**References:** Australian Dangerous Goods Code  
List of Designated Hazardous Substances  
National Code of Practice for the Preparation of Material Safety Data Sheets  
Standard for the Union Scheduling of Drugs and Poisons

**Contact Person/Point:** Australia:  
24 HOUR EMERGENCY CONTACT  
Poisons Information Centre (Australia) 13 1126

### **LEGAL DISCLAIMER:**

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

**END OF SAFETY DATA SHEET**