

Product Name

DESCALER CRYSTAL

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name WA Chemical Pty Ltd
Address Unit 2, 189 Camboon Rd, Malaga WA 6090
Telephone 08 6116 8029
Emergency Contact Poison Information Centre 13 11 26
Synonym(s) None
Use(s) Strong Acid Descaler
SDS Date 29 June 2021

2. HAZARDS IDENTIFICATION

Dangerous Good Classification Classified as Dangerous Goods by the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)
Poison Schedule Schedule 6
Signal Word Warning



Hazard Classification

Corrosive to Metals – Category 1
 Skin Corrosion/Irritation – Category 2
 Serious Eye Damage/Irritation – Category 1
 Acute Toxicity (Oral) – Category 4
 Acute Toxicity (Dermal) – Category 4

Hazard Statement

H290 May be corrosive to metals
 H315 Cause skin irritation
 H319 Causes serious eye damage
 H302 Harmful if swallow
 H312 Harmful in contact with skin

Prevention Precautionary Statements

P264 Wash hands, face and all exposed skin thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P280 Wear gloves, eye protection/face protection.

Response Precautionary Statements

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P312 Call POISON CENTRE (13 11 26) or a doctor if feeling unwell.



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- P332 + P313 If skin irritation occurs: Get medical advice/attention.
- P337 + P313 If eye irritation persists: Get medical advice/attention.
- P362 Take off contaminated clothing and wash before reuse.
- P390 Absorb spillage to prevent material damage.

Storage Precautionary Statements

- P406 Store in corrosive resistant container with resistant inner liner

Disposal Precautionary Statements

- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

| Ingredients | CAS No. | Content |
|--|---------|-----------|
| Acid blend | N/A | 80 – 100% |
| Ingredients determined to be Non-Hazardous | | Balance |

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poison Information Centre (Phone 13 11 26 Australia, New Zealand 0800 764 766)

- Eye** If in eyes, hold eyelids apart and flush eyes continuously with running water for at least 15 minutes, or until advised to stop by the Poison Information Centre or a Doctor.
- Inhalation** Remove victim to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow victim to assume most comfortable position. Keep at rest until fully recovered. Seek medical advice if effect persist.
- Skin** If on skin or hair, immediately remove contaminated clothing and flush affected skin and hair thoroughly with water. If irritation occur, contact a Doctor or Poisons Information Centre on 13 11 26 (Australia).
- Ingestion** Rinse mouth thoroughly with water. If swallowed, DO NOT induce vomiting. Contact a doctor or Poisons Information Centre on 13 11 26 (Australia).
- Advice to doctor** Treat symptomatically.

5. FIRE FIGHTING MEASURES

- Flammability** Not Flammable.
- Fire and explosion** When involved in fire, may emit toxic fumes.
- Extinguishing media** Water fog or mist, foam, dry chemical agent.
- Advice for firefighter** Wear self-contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.
- Hazchem code** 2X



6. ACCIDENTAL RELEASE MEASURES

| | |
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| General Response | Ensure adequate ventilation – Ventilate enclosed spaces before entering. ELIMINATE all ignition sources. Do not touch or walk-through soiled material. Avoid generating dust. Avoid breathing dust and contact with eyes, skin and clothing. |
| Spillage | Spill area should be isolated immediately. Keep unauthorised personnel away. Collect material (Sweep or vacuum up) and seal in properly labelled containers for disposal. |
| Precautionary | Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. |

7. STORAGE AND HANDLING

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| Storage | Store in cool, dry, well-ventilated place below 30°C and away from direct sunlight. Store away from foodstuffs. Keep container standing upright. Keep containers closed when not in use. |
| Handling | Avoid contact with eye. Avoid skin contact. Avoid inhalation of vapour/mist. Wear gloves, protective clothing, and eye protection. Use with adequate ventilation. |

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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| Exposure limits | No data available. |
| Biological limits | No data available. |
| Engineering Controls | No special requirements. Use with adequate ventilation at all times. |
| Personal Protective Equipment (PPE) | Wear gloves, eye protection and protective clothing. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-------------------------|----------------------------------|----------------------------------|-------------------|
| Appearance | White or colourless fine crystal | Auto-ignition Temperature | No Data Available |
| Solubility | 180g/L in water | Vapour Pressure | No Data Available |
| Relative Density | 1.5g/cm ³ | Vapour Density | No Data Available |
| pH | 1 (1%Solution @ 20°C) | Flammability | Not Flammable |
| Boiling Point | No Data Available | Flash Point | No Data Available |
| Melting Point | > 165 °C | Viscosity | No Data Available |

**10. STABILITY AND REACTIVITY**

| | |
|--|--|
| General Information | Attacks metals in the presence of moisture. |
| Chemical stability | Stable under recommended storage conditions. |
| Condition to avoid | Avoid generating dust. Avoid exposure to air and moisture. |
| Material to avoid | Incompatible with oxidising agents, alkalis, ammonia, acid chlorides, halogenates, metals. Do not mix with other cleaning chemicals. |
| Hazardous decomposition product | Emit toxic fumes when involved in fire. |
| Hazardous reaction | No known hazardous reaction. |

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected under normal condition of use. Symptoms or effects that may arise if the product is mishandled are:

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| Eye | Causes serious eye damage. |
| Inhalation | No information available. |
| Skin | May cause skin irritation. |
| Ingestion | Swallowing can result to nausea, vomiting, diarrhoea, abdominal pain, and chemical burn to gastrointestinal tract. |

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

| | |
|--------------------------------------|---------------------------|
| Short-term aquatic toxicity | No data available. |
| Long-term aquatic toxicity | No data available. |
| Ecotoxicity | Toxic to aquatic life. |
| Persistence and degradability | Not readily biodegradable |
| Bioaccumulative potential | No data available. |
| Mobility in soil | No data available. |

13. DISPOSAL CONSIDERATIONS

Dispose in accordance to local Waste Management Authority Regulations.

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| Residue/unused product | Concentrated content should be disposed of by a certified handler. Release of waste to sewers is discouraged. |
| Empty container | Wash empty containers with water before disposal/ recycle. |
| Land fill precautions | Contact local waste regulator for advice. |



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14. TRANSPORT INFORMATION

Land Transport (ADG Code)

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|-----------------------------|--|
| UN number | UN3260 |
| Proper Shipping Name | CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. |
| Hazard Class | 8 |
| Packing Group | III |
| Hazchem Code | 2X |
| Description | UN3260, CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S., 8, III |

Sea Transport (IMDG Code)

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|-----------------------------|--|
| UN number | UN3260 |
| Proper Shipping Name | CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. |
| Hazard Class | 8 |
| Packing Group | III |
| Hazchem Code | 2X |
| Description | UN3260, CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S., 8, III |

Air Transport (IATA DGR)

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|-----------------------------|--|
| UN number | UN3260 |
| Proper Shipping Name | CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. |
| Hazard Class | 8 |
| Packing Group | III |
| Hazchem Code | 2X |
| Description | UN3260, CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S., 8, III |

15. REGULATORY INFORMATION

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|-----------------------------|--|
| National regulations | Globally Harmonised System of Classification and Labelling of Chemical (GHS) as published by Safework Australia. |
| Poison schedule | Standard for the Uniform Scheduling of Medicine and Poisons (SUSMP). |
| Classification | Globally Harmonised System of Classification and Labelling of Chemical (GHS) as published by Safework Australia. |
| Inventory listing | AICS (Australian Inventory of Chemical Substances): All components are listed on AICS, or are exempt |



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16. OTHER INFORMATION

The information and recommendations in this document is prepared to the best of our knowledge and belief, and is accurate and reliable as to the available data at the date of issue. This information is intended only as a guide for safe handling, use, processing, storage and release and is not to be considered a warranty or quality specification. It is the responsibility of the user to evaluate this information and to use it in a manner that is consistent for his/her particular purpose.

SDS Code

SDS-DC1 Rev 1

Next Revision

29 June 2026