

Product Name

DESCALER GEL

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 Danger



Hazard Classification

Corrosive to Metals – Category 1
Skin Corrosion/Irritation – Category 1B
Serious Eye Damage/Irritation – Category 1
Acute Toxicity (Oral) – Category 4
Acute Toxicity (Dermal) – Category 5

Hazard Statement

H290 May be corrosive to metals
H302 Harmful if swallow
H312 Harmful in contact with skin
H314 Cause severe skin burns and eye damage

Prevention Precautionary Statements

P260 Do not breathe mist/vapour/spray.
P270 Do not eat, drink or smoke when using this product.
P280 Wear gloves, eye protection/face protection.

Response Precautionary Statements

P303 + P361 + P353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call POISON CENTRE (13 11 26) or a doctor.



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- P301 + P330 + P331 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
- P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- 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
Phosphoric Acid	7664-38-2	>50%
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. Material does not burn.
- 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

General Response	Ensure adequate ventilation – Ventilate enclosed spaces before entering. ELIMINATE all ignition sources. Do not touch or walk-through soiled material. Do not breathe vapours; Prevent contact with eyes, skin and clothing.
Spillage	Spill area should be isolated immediately. Keep unauthorised personnel away. Absorb with earth, sand or other non-combustible material and transfer to a suitable container for disposal.
Precautionary	Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

7. STORAGE AND HANDLING

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

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	Slightly yellowish clear viscous liquid.	Auto-ignition Temperature	No Data Available
Solubility	Miscible with	Vapour Pressure	No Data Available
Relative Density	1.5	Vapour Density	No Data Available
pH	< 1	Flammability	Not Flammable
Boiling Point	No Data Available	Flash Point	No Data Available
Melting Point	No Data Available	Viscosity	No Data Available

**10. STABILITY AND REACTIVITY**

General Information	This substance is a medium-strong acid. React violently with bases. React with metals liberating flammable hydrogen gas.
Chemical stability	Stable under recommended storage conditions.
Condition to avoid	Avoid formation of mist/aerosols. Avoid overheating.
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:

Eye	Cause serious eye damage.
Inhalation	No information available.
Skin	Cause severe skin burns.
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	No data available.
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance to local Waste Management Authority Regulations.

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.

14. TRANSPORT INFORMATION

Land Transport (ADG Code)

UN number	UN3264
Proper Shipping Name	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
Hazard Class	8
Packing Group	III
Hazchem Code	2X
Description	UN3264, CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., 8, III

Sea Transport (IMDG Code)

UN number	UN3264
Proper Shipping Name	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
Hazard Class	8
Packing Group	III
Hazchem Code	2X
Description	UN3264, CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., 8, III

Air Transport (IATA DGR)

UN number	UN3264
Proper Shipping Name	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
Hazard Class	8
Packing Group	III
Hazchem Code	2X
Description	UN3264, CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., 8, III

15. REGULATORY INFORMATION

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

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-DG1 Rev 1	Next Revision	29 June 2026
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