

Material Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

DESCALER

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Poisons Information Centre Australia 13 1126

Not classified as Hazardous according to criteria of NOHSC¹ and not Dangerous Goods according to the ADG Code²

UN NO.....:	None allocated	D.G. Class.:	None allocated	Pack. Group...:	None allocated
HAZCHEM:	None allocated	SUB. RISK.:	None allocated	SUSDP.....:	None allocated

PROPER SHIPPING NAME: None allocated

PRODUCT USE: General purpose disinfectant.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No	Weight %
Phosphoric Acid	7664-38-2	<70
Water	Not required	30

^a Ingredients not classified as hazardous or below their relevant concentration cut-off levels.
See Section 8, Exposure Controls / Personal Protection

3. HAZARDS IDENTIFICATION

No specific hazard in normal use. However, contact with eyes should be avoided.

4. FIRST AID MEASURES

Eyes: Immediately flush with water for 15 minutes. Get medical attention if irritation develops or persists.
Skin: Take off all contaminated clothing. Thoroughly wash contaminated area with water. Consult a physician if irritation develops or persists.
Inhalation: Remove to fresh air. If breathing difficulties occur give artificial respiration. Consult a physician.
Ingestion: Rinse mouth. Give water to drink. Get prompt medical attention immediately.

5. FIRE FIGHTING MEASURES

Flash Point Not applicable
Auto-ignition Temperature Not applicable
Lower Explosive Limit Not applicable
Upper Explosive Limit Not applicable

Suitable Extinguishing Media:

Use foam, water spray, CO₂ or dry powder as applicable to surrounding fire.

Protective Equipment for Fire Fighting:

Thermal decomposition can release hazardous fumes.

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Caution: Floor may be slippery. Provide sufficient ventilation. Wear personal protective equipment to prevent contact with skin and eyes.

Take up with inert absorbent material (sand, universal absorbent). Dispose of empty containers in accordance with federal, state and local laws.

7. HANDLING AND STORAGE

Wear personal protective equipment to prevent contact with skin and eyes.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Information

Ingredient	NOHSC ¹			
	TWA		STEL	
	(ppm)	(mg/m ³)	(ppm)	(mg/m ³)
Phosphoric Acid	a	-	a	-

a = not listed

TWA = Time Weighted Average

STEL= Short term Exposure Limit

¹ National Occupational Health and Safety Commission (Australia)

Respiratory Protection

If vapours and mists occur, a respiratory protection program meeting Australian and New Zealand Standards AS/NZS 1716 and AS/NZS1715 requirements must be followed whenever workplace conditions warrant a respirator's use. None required if airborne concentrations are maintained below the exposure limit listed in "Exposure Limit Information"

Eye Protection

Use chemical splash goggles (Australian Standard AS-1337) or approved equivalent. Eye protection worn must be compatible with respiratory protection system employed.

Hand Protection

Impervious gloves, and protective clothing as necessary to prevent skin contact.

Engineering Controls (Ventilation)

Use local exhaust ventilation sufficient to maintain exposure levels below exposure limit concentrations. Refer to Australian Standard AS-1668.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour	Clear
State	Liquid
Odour Characteristic	None
pH	3-4
Viscosity	Not specified
Specific Gravity (Water = 1)	~1.0
Vapour Density (Air = 1)	Not specified
Vapour Pressure	Not determined
Melting Point	~ 0°C
Boiling Point	100°C, water
Solubility in Water	Completely soluble
Flash Point	Not applicable

10. STABILITY AND REACTIVITY

Hazardous reactions

None known.

11. TOXICOLOGICAL INFORMATION

Acute Data

Skin:	Slightly irritating. Repeated and prolonged skin contact may result in dryness.
Eyes:	Slightly irritating to eyes.
Inhalation:	Slightly irritating.
Ingestion:	Swallowing may cause irritation of the mucous membranes of the mouth, throat and gastrointestinal tract with pain, inflammation and vomiting.

12. ECOLOGICAL INFORMATION

No available data for product.

13. DISPOSAL CONSIDERATIONS

Dispose of empty containers in accordance with federal, state and local laws.

14. TRANSPORT INFORMATION

Not classified as Dangerous Goods according to the Australian Code For The Transport Of Dangerous Goods By Road And Rail (Sixth Edition). See section 1.

15. REGULATORY INFORMATION

Labelling Requirements According to Criteria of NOHSC¹: Not required.

16. OTHER INFORMATION

¹ National Occupational Health and Safety Commission – Australia

² Australian Code For The Transport Of Dangerous Goods By Road And Rail (Sixth Edition).

The advice and information contained herein is based on the original raw material supplier's information. Green Dolphin Eucalip believes the information to be accurate and reliable as at the date supplied, but no representation, guarantee or warranty, expressed or implied, is made to the accuracy, reliability, or completeness of the advice and information. Green Dolphin Eucalip urges persons receiving this advice and information to make their own determination as to the advice and information's suitability and completeness for their own particular situation.”
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