

## MATERIAL SAFETY DATA SHEET ACID DESCALER

Hazardous according to criteria of Worksafe Australia.

Risk R34: Causes burns

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### IDENTIFICATION

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Product Name: **Acid Descaler**  
Manufacturer's Product Code: 11  
UN Number: 1805  
Poisons Schedule No: 5

Dangerous Goods Class: 8  
Subsidiary Risk: Non allocated  
Hazchem Code: 2R  
Use: For removal of scale and rust off equipment

### Physical Description/Properties

Appearance: Clear, nearly colourless liquid  
Odour: Very little  
Boiling Point: > 100° C  
Specific Gravity: 1.34

Flash Point: Non flammable  
Flammability Limits: Not applicable  
Solubility in Water: Soluble  
pH: 0.2

### Ingredients

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Proportion</u>
Phosphoric acid	7664-38-2	70%

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### HEALTH HAZARD INFORMATION

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#### Health Effects

Swallowed: Extremely irritant, causing burning of gastro-intestinal tract.

Eye: Causes severe burns.

Skin: Irritant to skin causing burns if not rinsed off immediately.

Inhaled: Not normally a risk due to nature of product and method of use. However, will cause burning of nasal passages if sprayed and inhaled.

#### First Aid

For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.

Swallowed: If swallowed, do NOT induce vomiting.

Eye: If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor,

or for at least 15 minutes. Seek medical attention.

Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If pain or redness persists, see a doctor.

Inhaled: Remove from contaminated area. If required seek medical attention.

#### **Advice to Doctor**

Treat symptomatically.

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### **PRECAUTIONS FOR USE**

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Exposure Standards: TLV 1mg/m<sup>3</sup> (Air).

Engineering Controls: Use in naturally well ventilated area.

Personal Protection: Wear chemical resistant gloves and goggles or a face shield.

Flammability: Product is non flammable.

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### **SAFE HANDLING INFORMATION**

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Storage and Transport: Transport in accordance with Australian Dangerous Goods Code. Store in secure area. Segregate from chlorine bleaches and caustic compounds.

Spills and Disposal: Neutralise with soda ash, then wash away with plenty of water.

Fire/Explosion Hazard: Product is non flammable. Reacts with metals to evolve flammable hydrogen gas.

**CONTACT POINT:** Emergency Use  
Poisons Information Centre 131126  
Managing Director (08) 8260 6575 business hours  
(08) 8380 5741 after hours

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