

MATERIAL SAFETY DATA SHEET

CUSTOM CHEMICALS INTERNATIONAL PTY LTD

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PRODUCT : PHOS RINSE

CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA.

Product Code: 0010151
Other names: CONCENTRATED ACIDIC CLEANER

UN Number:	1805	Shipping Name:	PHOSPHORIC ACID
Hazchem Code:	2R	DG Class :	8
Subsidiary Risk:	NIL	Poison Schedule:	6
Packaging Group:	III		

PHYSICAL DESCRIPTION/PROPERTIES

Use:	De-rusting, metal brightening, scale removal, concrete cleaning.		
Appearance :	transparent colourless liquid	Odour :	mild
Specific Gravity:	1.325 @ 20 Deg C	Vapour Pressure:	not determined (equivalent to water)
Solubility in water:	completely miscible	Flash Point :	non-flammable
Boiling/Melting Points:	approx 100 Deg C	Flammability Limits :	non- flammable
Other Properties:		pH :	1.0 - 2.0 undiluted

INGREDIENTS

Chemical	CAS Number	Proportion (w/v)
Ortho-phosphoric acid	7664-38-2	60.0%
1-methoxy-2-propanol	107-98-2	1.0%
Ingredients determined to be non-hazardous	not required	> 30%

FIRST AID:

- Swallowed:** DO NOT induce vomiting. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; ie, becoming unconscious. Give water (or milk) to rinse out mouth. Then provide liquid slowly and as much as casualty can comfortably drink. Seek medical advice.
- Eye:** Immediately irrigate with copious quantities of water for at least 15 minutes. If pain persists or recurs, seek medical attention.
- Skin Contact:** Remove contaminated clothing and wash affected area with soap and water.
- Inhaled:** If fumes or combustion products are inhaled: remove to fresh air. Seek medical advice.
- First Aid Facilities:** No special requirements
- Advice to Doctor:** Treat symptomatically.

WORKSAFE AUSTRALIA CLASSIFICATION

CATEGORY :	Xc - CORROSIVE
RISK PHRASES :	R34 - Causes burns. R41 - Risk of serious damage to eyes.
SAFETY PHRASES :	S26 - In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.

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HEALTH EFFECTS

ACUTE:

- Swallowed:** Large amounts toxic due to corrosive acidic nature. Burning of the digestive system, nausea, vomiting.
- Eye:** A moderate/severe eye irritant.
- Skin Contact:** A moderate skin irritant when undiluted. Extended contact may cause skin burns.
- Inhaled:** Irritant to mucous membranes and respiratory system if a generated mist of the product is inhaled.

CHRONIC: No data available.

PRECAUTIONS FOR USE:

- Exposure Standards:** No value assigned for this specific material by the National Health and Medical Research Council or by the National Occupational Health and Safety Commission (Worksafe Australia).
- Engineering Controls:** Avoid generating and inhaling mists. Use with adequate ventilation. Ensure workplace is well ventilated.
- Personal Protection:** Use good Occupational work practice. The use of protective clothing and equipment depends on the degree and nature of exposure. The following should be available: Gloves, safety eye glasses (particularly when pouring undiluted product), work boots and overalls/dustcoat.
- Flammability:** Not a combustible material.
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SAFE HANDLING INFORMATION :

- Storage and Transport:** Classed as a Class 8 corrosive liquid, by the Australian Code for the Transport of Dangerous Goods by Rail and Road. Store as per the regulatory requirements for a schedule 6 poison. Store in a cool, dry place, and out of direct sunlight. Keep containers closed at all times.
- Spills and Disposal:** Wear protective clothing to prevent eye and skin contamination. Prevent large spills from entering sewer systems, waterways, etc. Mop up with absorbent material. Collect and seal in properly labelled containers for disposal. Wash area down with excess water.
- Fire/Explosion:** Non-combustible material. Fire-fighters to wear self contained breathing apparatus if risk of exposure to vapour or products of combustion.
Extinguishing Media : water fog, foam, carbon dioxide, dry chemical powder.
- Other information:**
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CONTACT POINT: Industrial Chemist - phone: 07 3204 8300

This material safety data sheet is compiled from the best information currently available to the company. The company accepts no responsibility for the accuracy of the information contained in this data sheet, or any results obtained by customers or end-users. Good industrial hygiene should always be used when handling chemicals.

END OF MSDS