

Safety Data Sheet

Infosafe No™ 5GEWU Issue Date : April 2017 Status : ISSUED

Product Name **LOW pH**

Classified as hazardous

1. Identification

GHS Product Identifier LOW pH
Company Name Cargroomers International Trust
Address 10 Binary Street YATALA
 QLD 4207 Australia
Telephone/Fax Number Tel: (07) 3807 7577
Emergency phone number (07) 3807 7577
Additional Information NZ Contact:
 J.A.W Ltd
 87 Barrys Point Road
 Takapuna
 Auckland 0622
 Ph 09 2159743
 Fax 09 4887000

2. Hazard Identification

GHS classification of the substance/mixture Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia
 Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
 Corrosive to Metals: Category 1
 Eye Damage/Irritation: Category 1
 Skin Corrosion/Irritation: Category 1B

Signal Word (s) DANGER

Hazard Statement (s) May be corrosive to metals.
 Causes severe skin burns and eye damage.
 Causes serious eye damage.

Precautionary statement – General Keep out of reach of children.

Pictogram (s) Corrosion



Precautionary statement – Prevention Keep only in original container.
 Do not breathe dust/fume/gas/mist/vapours/spray.
 Wash contaminated skin thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.
 Rinse skin with water/shower.
 Wash contaminated clothing before reuse.
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Immediately call a POISON CENTER or doctor/physician.
 Absorb spillage to prevent material damage.

Precautionary statement – Storage Store in corrosive resistant/approved container with a resistant inner liner.
 Store locked up.

Precautionary statement – Disposal Dispose of contents/container to an approved waste facility.

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3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Orthophosphoric acid	7664-38-2	10-30 %
	Glycolic Acid	79-14-1	10-30 %
	Hydrochloric acid	7647-01-0	0-1 %
	Other ingredients classified as non hazardous at the concentrations used according to the criteria of Safework Australia		

4. First-aid measures

First Aid Measures	If poisoning occurs contact a doctor or Poisons Information Centre Phone Australia 131126, New Zealand 0800 764 766.
Inhalation	Remove victim from exposure if safe to do so. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume a comfortable position and keep warm. Seek medical advice if symptoms persist.
Ingestion	Do NOT induce vomiting. Wash mouth out with water. Give water to drink. Seek medical advice.
Skin	Wash skin with plenty of water. Remove contaminated clothing and wash before re-use. Seek medical advice (e.g. doctor) if irritation develops.
Eye contact	Hold eyelids open and irrigate continuously with water for 15 minutes. Seek medical advice.
First Aid Facilities	Use should be made of an on-site approved first aid kit if required in the first instance until medical assistance is forthcoming. Potable water should be available to rinse eyes or skin. Safety shower and eye wash facilities should be available.
Advice to Doctor	Treat symptomatically. Show this S.D.S. to the medical practitioner.

5. Fire-fighting measures

Suitable extinguishing media	Use equipment/media appropriate to surrounding fire conditions. This product does not support combustion.
Hazards from Combustion Products	This product is non combustible. Releases toxic fumes of oxides of carbon on combustion or oxidation. Fumes of decomposition products may be toxic and irritating.
Specific Methods	Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.
Hazchem Code	2R

6. Accidental release measures

Spills & Disposal	Evacuate unprotected personnel from danger area. Slippery when spilt. Contain spill with sand or earth. Neutralise spill with soda or lime. Gather up absorbent for disposal according to regulations. Avoid concentrated spillage from entering drains or watercourse. Do not allow to enter storm water drains, or water courses. Remove for disposal in accordance with local waste management. Use suitable containers for disposal.
Personal Protection	Use of chemical resistant glove/gauntlets, boots and overalls is recommended. Safety goggles, safety glasses with side shields or full face shield as appropriate are recommended. Eye protection should conform with AS/NZS 1337 - Eye Protectors for Industrial Applications.
Environmental Precautions	Review local regulations before release to the environment.

7. Handling and storage

Precautions for Safe Handling	When not being used, the product containers should be stored upright, and secured with the original closure. If transfer to another container becomes necessary ensure that the container is clearly labelled, the container is of a
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Additional information on precautions for use

type suitable for the product, and is clean and free of other materials. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, wash hands and remove contaminated clothing.

Always use clean and dry equipment to dispense the product. Equipment should be suitable for transfer of corrosive acids. Dispensers should be cleaned before and after use. All dispensers should be washed out after use.

8. Exposure controls/personal protection**Occupational exposure limit values**

<u>Name</u>	<u>STEL</u>		<u>TWA</u>		<u>Footnote</u>
	<u>mg/m3</u>	<u>ppm</u>	<u>mg/m3</u>	<u>ppm</u>	
Orthophosphoric acid	3		1		
Hydrochloric acid			7.5	5	Peak limitation

Appropriate engineering controls

Slippery when spilt. Keep containers closed when not in use.

Personal Protective Equipment

Use sensible work practices that reduce operator exposure to the product. Use of chemical resistant gloves/gauntlets, boots and overalls is recommended. Safety goggles, safety glasses with side shields or full face shield as appropriate are recommended. Eye protection should conform with AS/NZS 1337 - Eye Protectors for Industrial Applications.

Other Information

Occupational Exposure Standards are also known as Workplace Exposure Standards. TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

9. Physical and chemical properties

Form	Liquid
Colour	Colourless to pale tan liquid
Boiling Point	ca. 100°C
Solubility in Water	Soluble
Specific Gravity	1.4 g/L
pH	< 2.0
Flammability	Non flammable

10. Stability and reactivity

Incompatible Materials	Oxidising agents, strong alkali's, most metals
Hazardous Decomposition Products	Toxic fumes of nitrogen oxides, carbon dioxide on combustion or oxidation. Flammable hydrogen gas may be evolved upon contact with metals.
Possibility of hazardous reactions	This material is stable under normal conditions of storage and use.
Other Information	Store in a cool, dry place. Use only as directed. Store in accordance with directions given in Section 7 (Handling and storage) of this SDS.

11. Toxicological Information

Ingestion	Extremely irritant, can cause nausea and vomiting. May be severe with sensitive individuals or on prolonged or repeated contact.
Inhalation	Inhalation may result in respiratory irritation and possible burns.
Skin	Contact with skin will result in irritation and may cause burns.

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Eye Corrosive to eyes; contact may cause corneal burns. Contamination of eyes can result in permanent injury.

Chronic Effects No long-term exposure effects are known.

12. Ecological information

Ecotoxicity No data is available on the product itself.
Concentrated solutions may cause harm to the environment due to low pH. Avoid contamination of waterways.

13. Disposal considerations

Disposal Considerations Remove for disposal in accordance with local waste management regulations.

14. Transport information

Transport Information Class 8 Corrosives shall not be loaded in the same vehicle with: - Class 1 Explosives - Class 4. 3 Dangerous when wet substances - Class 5. 1 Oxidizing agents - Class 5. 2 Organic peroxides

U.N. Number 1805

UN proper shipping name PHOSPHORIC ACID, SOLUTION

Transport hazard class(es) 8

Hazchem Code 2R

Packing Group III

EPG Number 8A1

IERG Number 37

15. Regulatory information

Poisons Schedule S5

HSNO Approval Number HSR002526

AICS (Australia) All ingredients listed

Other Information NZ Group Standard: Cleaning Products (Corrosive) Group Standard 2006
Classification: Skin corrosivity 8.2C; Eye corrosivity 8.3A; Metallic corrosivity, HSNO 8.1A; Ecotoxicity 9.1D

16. Other Information

Other Information

Issue #3
Reason for revision: Added NZ Classifications. Updated AU GHS information.
DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.
Every endeavour has been made to ensure that the information contained in this publication is reliable and offered in good faith. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. Customers are encouraged to conduct their own tests as end user suitability of the product for particular uses is beyond our control. The information is not intended as an inducement to bargain and no warranty expressed or implied is made as to its accuracy, reliability or completeness. Cargroomers International Pty Ltd accepts no liability for loss, injury or damage arising from reliance upon the information contained in this data sheet except in conjunction with the proper use of the product to which it refers. Due care should be taken that the use and disposal of this product is in compliance with appropriate Federal, State and Local Government regulations.
...End Of MSDS...

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