

# SAFETY DATA SHEET

## LOW pH SHAMPOO

Infosafe No.: 5GEWU  
ISSUED Date : 23/02/2022  
ISSUED by: Australian Chemical Services

### 1. Identification

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**GHS Product Identifier**

LOW pH SHAMPOO

**Product Type**

Acidic detergent

**Company name**

Cargroomers International Pty Ltd

**Address**

10 Binary Street YATALA  
QLD 4207 AUSTRALIA

**Telephone/Fax Number**

Tel: (07) 3807 7577

**Emergency phone number**

(07) 3807 7577

**Emergency Contact Name**

Scott Smith

**Additional Information**

NZ Contact details:

J.A.W Ltd  
25B Paramount Drive  
Henderson  
Auckland 0622  
Ph 09 2159743  
Fax 09 4887000

### 2. Hazard Identification

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**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

Hazardous to the Aquatic Environment - Acute Hazard: Category 3

**Signal Word (s)**

DANGER

**Hazard Statement (s)**

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H402 Harmful to aquatic life.

**Pictogram (s)**

Corrosion



#### Precautionary statement – Prevention

P234 Keep only in original container.  
P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P264 Wash contaminated skin thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P273 Avoid release to the environment.

#### Precautionary statement – Response

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P363 Wash contaminated clothing before reuse.  
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
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 a POISON CENTER or doctor/physician.  
P390 Absorb spillage to prevent material damage.

#### Precautionary statement – Storage

P405 Store locked up.  
P406 Store in corrosive resistant/approved container with a resistant inner liner.

#### Precautionary statement – Disposal

P501 Dispose of contents/container to an approved waste disposal facility.

### 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**

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### **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.

### **Special Protective Equipment for fire fighters**

Fire fighters to wear full body protective clothing with breathing apparatus. Deluge with water to cool containers. Evacuate area move upwind of fire.

### **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**

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### **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**

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### **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 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.

### **Additional information on precautions for use**

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

Substance	Regulations	Exposure Duration	Exposure Limit	Units	Notes
Orthophosphoric acid		TWA	1	mg/m <sup>3</sup>	
Orthophosphoric acid		STEL	3	mg/m <sup>3</sup>	
Hydrochloric acid		TWA	5	ppm	Peak limitation
Hydrochloric acid		TWA	7.5	mg/m <sup>3</sup>	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

Properties	Description	Properties	Description
Form	Liquid	Colour	Colourless to pale tan
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.

**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.

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**12. Ecological information**

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**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.

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**13. Disposal considerations**

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**Disposal considerations**

Remove for disposal in accordance with local waste management regulations.

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**14. Transport information**

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**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

**Packing Group**

III

**Hazchem Code**

2R

**IERG Number**

37

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**15. Regulatory information**

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**Poisons Schedule**

S5

**HSNO Approval Number**

HSR002526

**Australia (AICS)**

All ingredients listed

**Other Information**

NZ Group Standard: Cleaning Products (Corrosive) Group Standard 2020

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**16. Other Information**

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**References**

Preparation of safety data sheets for hazardous chemicals, Code of Practice.  
Standard for the uniform scheduling of medicines and poisons.  
Australian code for the transport of dangerous goods by road & rail.  
Workplace exposure standards, Safe Work Australia.  
Hazardous substances / chemicals information system, Safe Work Australia.  
Globally harmonized system of classification and labelling of chemicals.  
Raw materials suppliers SDS.

#### **Other Information**

Issue #4

Reason for revision: Updated NZ details.

**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 SDS**

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