



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: ACID WASH

Product Use: Commercial grade acid based heavy duty cleaner and metal brightner.

Miro's General Cleaning Services P/L trading as ATOMIC CHEMICALS

A.C.N 005 300 201 / A.B.N 77 005 300 201

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Emergency Telephone Number: 13 11 26

2. HAZARDS IDENTIFICATION

GHS Classification: Acute Toxicity- Oral, Category 1

Skin Corrosion/Irritation, Category 1C

Specific Target Organ Toxicity- Single Exposure, Category 1

Pictograms:



Signal Word: DANGER

Hazard Statements:

H300: Fatal if swallowed

H314: Causes severe skin burns and eye damage

H371: May cause damage to organs

Precautionary Statements:

Prevention

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P260: Do not breathe dusts or mists.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do Not induce vomiting.

P309+P311: IF exposed or if you feel unwell: Immediately call a POISON CENTRE or doctor/physician.

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.

Storage

P405: Store locked up.

Disposal

P501: Dispose of container in accordance with local/regional/national/international regulations.



3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients

<u>Chemical Name:</u>	<u>CAS Number:</u>	<u>Proportion %:</u>
Phosphoric Acid	7664-38-2	10 - 30
Surfactants (Propriety Blend)	NON-HAZ	<10
Citric Acid		<10
2-Butoxyethanol	111-76-2	<10
Water	7732-18-5	>60

4. FIRST AID MEASURES

Poisons Information Centre: Phone 13 11 26

First Aid

Swallowed: Contact a doctor or Poisons Information Centre. Do not induce vomiting. Rinse mouth with water and give glass of water. Never give anything by mouth to an unconscious person.

Eye: Immediately hold the eyes open and rinse continuously with plenty of water for at least 15 minutes and contact a doctor or Poisons Information Centre.

Skin: Remove any contaminated clothing and immediately wash contaminated skin with plenty of water. If irritation occurs, seek medical attention.

Inhaled: Remove affected person to fresh air. Seek medical attention if effects persist.

First Aid Facilities: Washroom facilities, and Eye wash station.

Advice to Doctor: Treat symptomatically. Contains dilute Phosphoric Acid.

5. FIRE FIGHTING MEASURES

Fire/Explosion Hazard: Acid Wash is not combustible.

Fire Fighting Procedures: Normal fire-fighting procedures. Fire fighters to wear fully encapsulating, gas-tight suits for maximum protection.

Extinguishing Media: Foam, CO₂, Dry chemical or Water fog.

6. ACCIDENTAL RELEASE MEASURE

Spill Control: Contain large spills and mop up. Avoid contact to eyes. Use absorbent (soil or sand, sawdust) material to collect. Slippery when spilt. Place in a suitable, labelled container for waste disposal. Do not let spilled or leaking material enter drains and waterways. May be toxic to aquatic life.

7. HANDLING AND STORAGE

Handling: Class 8 Dangerous Goods must not be loaded with other Dangerous Goods of Classes 1, 4.3, 5.1, 5.2, 7 or 8 (alkalis only).

Storage: Store in a well-ventilated place out of direct sunlight. Store away from acid, combustible materials and foodstuffs. Store with all the precautions required for handling a corrosive liquid. Observe State Regulations concerning the storage and handling of Dangerous Goods. Keep containers closed at all times - check regularly for leaks.

Segregation: Store away from alkalis.



8. EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Control: For ortho-phosphoric acid : TWA =7mg/cu.m; STEL=3mg/cu.m

Engineering Controls: Provide adequate ventilation. Avoid breathing vapour of product. Use with adequate ventilation.

Personal Protection: Respiratory: Ensure adequate ventilation and keep exposure levels to a minimum.

Eye: Avoid contact, wear safety glasses.

Skin: Avoid contact, wear impervious natural rubber gloves eg. Nitrile or PVC gloves should be worn.

Always wash hands before eating, drinking, smoking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Description/Properties

Appearance/Odour: Clear liquid with odour.

Boiling Point/Melting Point: 100°C

Vapour Pressure: Not determined

Specific Gravity: 1.10

Flashpoint: Not determined

Flammability Limits: Not determined

Solubility in Water: Complete

Other Properties:

Reactivity: Avoid mixing with strong alkalis.

Evaporation Rate: Not determined

pH: <1.0

10. STABILITY AND REACTIVITY

Stability: Acid Wash is stable

Reactivity: Can damage and reacts to aluminium, zinc, soft metal alloys as well as marble.

11. HEALTH HAZARD INFORMATION

Health Effects: *Acute*

Swallowed: May cause burns and corrosive damage to mouth, throat and stomach.

Eye: May cause irritation and chemical burns, if splashing into eyes occur.

Skin: Will cause irritation to the skin, burns with effects including redness, localised pain and blistering.

Inhaled: Will cause irritation to mucous membranes, throat and lungs.

Health Effects: *Chronic*: Non known



12. ECOLOGICAL INFORMATION

Volatile Organic Compounds: Not determined.

Avoid contaminating waterways.

13. DISPOSAL CONSIDERSTIONS

Disposal of Containers: Product residues may remain on/in empty containers.

Rinse empty container thoroughly with water and place in trash collection.

Disposal Method: No special method. Observe all applicable governmental regulations and local ordinances regarding disposal of hazardous materials.

Explosion Hazard: No explosion sensitivity.

14. TRANSPORT INFORMATION

UN Number: 3264

Dangerous Goods Class and Subsidiary Risk: 8

Hazchem Code: 2X

Packing Group: III

15. REGULATORY INFORMATION

Poisons Schedule Number: 6

AICS: All chemicals listed on the Australian Inventory of Chemicals Substances (AICS)

16. OTHER INFORMATION

Biodegradability: The surfactants are biodegradable per the Australian Standard 1792-1976.

Abbreviations and Definitions of terms used:

<	less than
>	greater than
deg C	Degrees Celsius
g	gram
kg	kilogram
mg	milligram

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