

Safety Data Sheet

Issue Date: June 2023 (v2)

ISSUED by Eazy-Gleam Pty Ltd

Acid Cleaner 303

Classified as hazardous according to criteria of GHS
Dangerous Goods

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name Acid Cleaner 303
Product Code 303Acid205, 303Acid20
Company Name Total Focus Chemicals (ABN 24 710 260 621)
Address 36 Richland Ave
Emergency Tel. After hours only: 0477 447 999
Telephone/Fax Number Tel: (07) 3274 2593
Fax: (07) 3277 2450
Email sales@eazygleam.com.au
Recommended Use Concrete Acid Wash

Other Information The information herein is, to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions of application are beyond our control, Eazy-Gleam Pty Ltd does not accept liability for any damages resulting from the use of, or reliance on, this information, in inappropriate contexts.

2. HAZARDS IDENTIFICATION

Hazard Classification Classified as hazardous according to criteria of GHS
Dangerous goods according to the Australian Dangerous Goods Code.
Corrosive to Metals: Category 1
Eye Damage: Category 1
Skin Damage: Category 1

Signal Word DANGER

Hazard Statement(s) Corrosive to metals.
Causes severe skin burns and eye damage
May cause respiratory irritation

Pictogram:



Precautionary Statements

- Prevention:** Keep only in original container.
Do not breathe fumes, mist, vapors or spray.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area. Wear protective gloves, clothing, eye and face protection.
- Response:** 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.
IF SWALLOWED Rinse mouth, Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.
Absorb spillage to prevent material damage
- Storage:** Store locked up in a well-ventilated place. Keep container tightly closed

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Hydrochloric Acid	7647-01-0	10 - 30%
	Orthophosphoric Acid	7664-38-2	1 - 5%

4. FIRST AID MEASURES

- Inhalation** Remove the victim from the source of exposure, if rapid recovery does not occur, seek immediate medical attention. If the victim is not breathing, apply artificial resuscitation.
- Ingestion** Do NOT induce vomiting. Give water to drink. Seek immediate medical attention.
- Skin** Remove contaminated clothing and launder before re-use. Flush affected skin with water for at least 15 minutes. If skin burns occur seek medical advice.
- Eye** Hold the eyes open and flush with water for at least 15 minutes. Seek immediate medical attention.
This Safety Data Sheet should be provided to the attending medical doctor. Normal washroom facilities are generally suitable. It is recommended that an eyewash station be available and ready for use.
- First Aid Facilities**
- Advice to Doctor** Treat symptomatically.
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5. FIRE FIGHTING MEASURES

- Fire Fighting Measures** This product is not flammable under the conditions of storage and use and does not support combustion.
- Suitable Extinguishing Media** Use the extinguisher appropriate to the principal fire hazard or to the source of the fire.
- Hazards from Combustion Products** This product is not flammable under the conditions of use and does not have a flash point or support combustion. However, it may liberate hydrogen gas on contact with reactive metals such as aluminum or zinc, thus creating a fire and explosion hazard. Potential sources of ignition should be excluded from the

immediate area. If this product is involved in a fire, the water contained in it may evaporate, leaving a residue which may combust. During combustion, the residue may produce carbon monoxide as well as other unidentifiable organic compounds.

Special Protective Equipment for fire fighters Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots. Material can react violently with water (spattering and misting) and react with metals to produce flammable hydrogen gas

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For exposure control and individual protection measures, see section 8.

Spills & Disposal Personnel involved in cleaning up any spills are to wear suitable protective clothing, including PVC gloves and eye/face protection. Cordon off the spillage area. Isolate the source of the spillage or leak if possible without personal risk. Contain the spillage using a suitable non-flammable absorbent material such as sand or diatomaceous earth, and the transfer to sealed plastic containers for disposal. Dispose of large amounts in a chemical dump according to local authority statutory requirements. If the facility has a means of pH control of trade waste, small amounts may be washed with a large excess of water to the treatment pit then to the drain as treated trade waste.

Environmental protection precautions Prevent spillage from entering drains. Any release to the environment is subject to federal/national or local reporting requirements .

7. HANDLING AND STORAGE

Handling and Storage The product should be handled as such in accordance with the appropriate legislation. See section 8 for recommendations on the use of personal protective equipment. Use with adequate ventilation. Wash thoroughly after using. Keep container closed when not in use.

Store locked up, in a cool, dry well ventilated area. Keep away from incompatible materials (see section 10 for incompatibilities) Prevent the entry of non-authorized persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limit (OEL)

Ingredient data

Name	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Hydrochloric Acid	5 (peak)	7.5 (peak)	no data available	no data available
Phosphoric Acid	No data available	1	no data available	3

Appropriate Engineering Controls

Provide local exhaust. Ensure Emergency eyewash and shower are close by.

Personal Protection



Eye and Face Protection: Wear chemical safety glasses with a face shield for splash protection. Where large quantities are handled and there is danger of splashing, complete eye protection such as goggles is required.

Skin:

For prolonged or repeated contact, use polyvinyl alcohol or nitrile rubber types of gloves. Full body (synthetic) protective clothing as appropriate to the risk of exposure

Inhalation: If local ventilation is inadequate, use an approved respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, yellowish liquid with acrid odour
Boiling Point	100°C
Solubility in Water	Complete
Specific Gravity	1.00 – 1.10g/L (25°C)
pH Value	<1
Evaporation Rate	As for Water
Volatile Component	Non-Flammable
Flash Point	This product will not flash and does not support combustion.
Flammability	This product is not flammable under the conditions of use and does not support combustion.
Flammable Limits - Lower	Not applicable. This product is an aqueous solution.
Flammable Limits - Upper	Not applicable. This product is an aqueous solution.

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under the recommended handling and storage conditions (see section 7).
Hazardous decomposition products	In case of fire, dangerous decomposition products can be generated, such as Hydrogen gas
Incompatible Materials	Keep away from moisture, bases, organic material, metals, glass, ceramics, aluminum, stainless steel, carbonates, cyanides, sulfides. Reacts violently with acetic anhydride, ammonium hydroxide, arsenic trioxide, calcium oxide, potassium permanganate, sodium, sodium hydroxide, sulfuric acid.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	There is no tested data available on the product. Acute, effects are expected due to the corrosive nature of the chemical. Ingestion will immediately cause corrosion of and damage to the gastrointestinal tract. Potential sequelae following ingestion include perforation, scarring of the oesophagus or stomach and stricture formation causing dysphagia or gastric outlet obstruction.
Inhalation	Acute inhalation (mist or vapour) may cause coughing, hoarseness, inflammation and ulceration of the respiratory tract and chest pain.
Ingestion	Acute toxicity (Oral): COMPONENT: Hydrochloric acid (CAS No. 7647-01-0): - LD50, Rats (female): 238 - 277 mg/kg bw. (3.3% conc.) [NICNAS]
Skin	May cause severe burns.
Eye	Corrosive to eyes. May cause permanent damage. Burns, pain, watering eyes
Chronic Effects	Nil known

12. ECOLOGICAL INFORMATION

Short Summary of Assessment of Environmental Impact	There is no tested data available on the preparation. Large discharges may contribute to the acidification of water and be fatal to fish and other aquatic life. Can cause damage to vegetation. Can cause severe damage to aquatic plants.
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13. DISPOSAL CONSIDERATIONS

Product Disposal	Dispose of contents/container through a licensed waste contractor and in accordance with local/regional/national regulations. Decontamination and destruction of containers should be considered. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together, if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals
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Container Disposal Containers should not be re-used due to the risk of contamination and chemical reaction with residues..

14. TRANSPORT INFORMATION

Transport Information	This material is classified as a 8 Dangerous Goods This product is incompatible in a placard load with any of the following: - Class 1: Explosives - Division 4.3: Dangerous when wet Substances - Division 5.1: Oxidising substances - Division 5.2: Organic peroxides - Class 7: Radioactive materials unless specifically exempted and are incompatible with food and food packaging in any quantity. Strong acids must not be loaded in the same freight container or on the same vehicle with strong alkalis. Packing Group I and II acids and alkalis should be considered as strong
UN Number	1789
Proper Shipping Name	HYDROCHLORIC ACID
ADG Class	Class 8 - Corrosive

Subsidiary Group NA
Packing Group II
HazChem 2R
IMO Marine Pollutant This product is not considered by IMO to be a Marine Pollutant.

15. REGULATORY INFORMATION

Poisons Schedule S6 (Hydrochloric Acid)
AICS (Australia) To the manufacturer's best knowledge, all components of this product are listed on AICS.

16. OTHER INFORMATION

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.
- Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
- Workplace exposure standards for airborne contaminants.
- Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).
- Globally Harmonised System of classification and labelling of chemicals

Contact Person/Point Technical Manager 0477 447 999

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.
The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writers knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product

...End Of SDS...