

SAFETY DATA SHEET**Product Name.****ACETIC ACID 50g/L SOLUTION****1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

Supplier Name: PharmAust Manufacturing
Address: 15 Townsend Street, Malaga WA 6090.
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Emergency: 0412 333 656
Synonym(s): None.
Use(s): pH adjuster.

Revision 1 Date: 13th April 2022.**Review Date:** 12th April 2027.**2. HAZARDS IDENTIFICATION****Poisons Schedule (Aust):** Not Scheduled.**Globally Harmonised System**

Hazard Classification: **NOT Hazardous:** According to the criteria of the “*Globally Harmonised System of Classification and Labelling of Chemicals*” (GHS)

Hazard Categories: None.**Pictograms:** Not Applicable.**Signal Word:** Not Applicable.**Hazard Statements:** Not Applicable.**Precautionary Statements:***General*

- **P101** If medical advice is needed, have product container or label at hand.
- **P102** Keep out of reach of children.
- **P103** Read label before use.

National Transport Commission (Australia)*(Australian Code for the Transport of Dangerous Goods By Road & Rail - ADG Code)***Dangerous Goods Classification:**

NOT Dangerous Goods: According to the criteria of the “*Australian Code for the transport of Dangerous Goods by Road & Rail*”.

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT(s)	CAS NUMBER	CONTENT
Acetic acid (Glacial)	64-19-7	5% (w/v)
Purified Water	7732-18-5	To 100%

4. FIRST AID MEASURES

Swallowed:	Remove material from mouth. Drink plenty of water. No typical symptoms and effects known. However, if large amount swallowed or symptoms develop, get medical attention. Do NOT induce vomiting.
Eye:	Rinse cautiously with eyewash solution or clean water for several minutes. Remove contact lenses. If present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists...
Skin:	Remove contaminated clothing. Wash off with soap and plenty of water. If skin irritation develops or persists. Obtain medical attention.
Inhalation:	If breathing becomes difficult, remove to fresh air and keep at a position comfortable. Seek medical attention, if needed.
Advice to Doctor:	Symptomatic Treatment and supportive therapy based on judgement of doctor and individual reactions of patient.
Medical Conditions Aggravated by Exposure:	No information available on medical conditions aggravated by exposure to this product.

5. FIRE FIGHTING MEASURES

General Measures:	Clear fire area of all non-emergency personnel, stay upwind. Keep out of low areas.
Flammability:	Non-flammable.
Extinguishing Media:	Water fog, water spray, foam, dry powder, carbon dioxide (Co2).
Fire & Explosion Hazard:	Contact of product with strong oxidising agent, metals, strong bases cause an exothermic reaction.
Hazardous Products of Combustion:	No data available.
Special Information:	Product is mainly water (>95%). May react with metals to evolve hydrogen gas.
Flash Point:	No Data Available.
Lower Explosion Limit:	No Data Available.
Upper Explosion Limit:	No Data Available.
Auto Ignition	No Data Available.

Temperature:

No Data Available.

Hazchem Code:

6. ACCIDENTAL RELEASE MEASURES

General Response Procedure:

Eliminate all possible sources of ignition. Increase ventilation. Avoid walking through spilled product as it may be slippery. Use clean, non-sparking tools and equipment. Avoid accidents, clean up immediately. Before the polluted area is cleaned up completely, access to the area should be restricted. Make sure the cleaning work is performed by trained personnel. The personnel should wear appropriate personal protective equipment.

Clean Up Procedures:

Large Spill: Dike far ahead of spill for later disposal. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Small Spills: Wipe up with absorbent material (Cloth, Fleece). Clean surface thoroughly to remove residual contamination. Never return spills in original containers for reuse.

Containment:

Stop leak if safe to do so.

Environmental Precautionary Measures:

DO NOT let product reach drains or waterways. If product does enter a waterway, advise the *Environmental Protection Authority* or your *local Waste Management*.

Evacuation Criteria:

Evacuate ALL unnecessary personnel.

Personal Precautionary Measures:

Personnel involved in the clean up should wear full protective clothing as listed in section 8.

7. STORAGE AND HANDLING

Handling:

No special precautions required, but avoid eye and skin contact as part of normal industrial hygiene. Prevent formation of mist.

Eye and skin contact should be avoided if handling at elevated temperatures.

Observe good personal hygiene, including washing hands before eating. Avoid inhaling product vapours.

Storage:

Store in cool, dry, well-ventilated area and keep containers closed when not in use. Inspect regularly for deficiencies such as damage or leaks.

Store away from incompatible materials.

This product is classified as a "C2" combustible liquid for the purpose of storage and handling in accordance with the requirements of AS1940.

Container:

Container type/packaging must comply with all applicable local legislation. Store in the original packaging as approved by the manufacturer. Store in clean tight containers to prevent moisture pickup from air. Can be stored in Aluminium, Stainless Steel, Fibreglass or Resin Lined Steel Vessels.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

General:	The following exposure standard has been established by the (<i>Australian Safety and Compensation Council – ASCC</i>)
Exposure Limits:	Acetic acid, TWA = 25mg/m ³ (8-hour day for 5 day working week) No Data Available.
Biological Limits:	No Information available on biological limit values for this product.
Engineering Measures:	A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Provide enough fresh air to supplement the air exhausted by the exhaust system.
Personal Protective Equipment (PPE)	<p>RESPIRATOR: None required for ambient temperature, although an appropriate approved air-purifying respirator should be used if a mist, vapour or dust is generated. (AS1715/1716).</p> <p>EYE PROTECTION: None required. Safety spectacles. Contact lenses may represent a special hazard. Have available eyewash bottle with clean water (AS1336/1337).</p> <p>HAND PROTECTION: None required with normal use (AS2161).</p> <p>CLOTHING: Normal work clothing and safety footwear. (AS3765/2210).</p>
Work Hygienic Practices:	No Data Available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear Liquid.	Solubility:	Soluble.
pH:	1-3	Specific Gravity:	1 @ 20°C.
Vapour Pressure:	< 1.5kPa @ 20oC.	Flammability:	Non-Flammable.
Relative Vapour Density:	No Data Available.	Flash Point:	No Data Available.
Boiling Point:	As for water.	Volatile Percent:	No Data Available.
Melting point:	No Data Available.	Upper Explosive Limit: (UEL)	No Data Available.
		Lower Explosive Limit: (LEL)	No Data Available.

10. STABILITY AND REACTIVITY

Chemical Stability:	Product is stable under normal conditions of use, storage and temperature (below 25°C).
Conditions to Avoid:	No Data Available.
Materials to Avoid:	Oxidizing agents, soluble carbonates and phosphates, hydroxides, metals, peroxides, permanganates, amines, alcohols.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide.
Hazardous Polymerisation:	Hazardous Polymerisation does not occur.

11. TOXICOLOGICAL INFORMATION

General Information:	No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:
Eye Irritant:	Accidental exposure to the eyes will cause only a mild but transient irritation causing redness and stinging.
Ingestion:	It is acidic and may cause irritation to mucous membranes.
Inhalation:	Vapour may irritate mucous membranes and respiratory tract.
Skin Irritant:	May cause temporary stinging sensations. Not to be used in the ear.
Carcinogen Category:	No Data Available.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	May be slightly toxic to aquatic life. Prevent contamination of drains and waterways.
Persistence/Degradability:	biodegradable in soil and water.
Mobility: Environmental Fate:	No Data Available.
Bioaccumulation Potential:	No Data Available.
Environmental Impact:	Highly mobile in soil. Higher quantities may be harmful to plant growth, blooming and fruit formation.

13. DISPOSAL CONSIDERATIONS

General Information:	Dispose of in accordance with all Local, State and Federal Regulations. All empty packaging should be disposed of in accordance with Local, State and Federal Regulations or recycled/reconditioned at an approved facility.
Special Precautions for Land Fill:	Contact a specialist disposal company or the local waste regulator for advice.

14. TRANSPORT INFORMATION

National Transport Commission (Australia)

"Australian Code for the Transport of Dangerous Goods by Road & Rail" (ADG CODE)

Dangerous Goods Classification:

NOT Dangerous Goods according to the criteria of the *"Australian Code for the Transport of Dangerous Goods by Road & Rail"* (ADG Code).

Land Transport: (Australia)

Shipping Name: ACETIC ACID 50g/L SOLUTION.

Class: No Data Available.

Subsidiary Risk: No Data Available.

UN Number: No Data Available.

Hazchem Number: No Data Available.

Pack Group: No Data Available.

Special Provision: No Data Available.

15. REGULATORY INFORMATION

General Information: No Data Available.

Poison Schedule (Aust): Not scheduled.

National/Regional Inventories: Listed on the “*Australian Inventory of Chemical Substances*” (AICS).

16. OTHER INFORMATION

Report Status: *The information contained in this Safety Data Sheet is based on data that we believe to be reliable and has been prepared in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. Each user should read this Safety Data Sheet and consider the information in the context of how the product will be handled and used in the workplace including the use of the product in conjunction with other products.*

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