

Infosafe No™ VARTT	Issue Date : June 2021	ISSUED by HUNTERST
Product Name CITRIC ACID SOLUTION 50%		

1. Identification

GHS Product Identifier	CITRIC ACID SOLUTION 50%
Company Name	Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)
Address	60 Gleadow Street INVERMAY TAS 7248 AUSTRALIA
Telephone/Fax Number	Tel: 03 6331 4755 Fax: 03 6334 1065
Emergency phone number	0407 610 542
Recommended use of the chemical and restrictions on use	Acidifying agent for the food processing industry.

2. Hazard Identification

GHS classification of the substance/mixture	Eye Damage/Irritation: Category 2A
Signal Word (s)	WARNING

Hazard Statement (s) H319 Causes serious eye irritation.

Precautionary statement – General P102 Keep out of reach of children.
P103 Read label before use.

Pictogram (s) Exclamation mark



Precautionary statement – Prevention P264 Wash contaminated skin thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

Precautionary statement – Storage P404 Store in a closed container.

Precautionary statement – Disposal P501 Dispose of contents/container in accordance with local regulations

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Water	7732-18-5	50-70 %
	Citric Acid	77-92-9	=50 %

4. First-aid measures

Inhalation	If discomfort is felt after inhalation, remove affected person to fresh air. If problem persists seek medical attention.
Ingestion	Rinse mouth with water. Do NOT induce vomiting. Give 2-3 glasses of water to drink to be taken slowly. Seek medical advice if necessary.
Skin	Remove heavily contaminated clothing. Wash affected area with copious quantities of water. If irritation develops or persists seek medical advice.
Eye contact	Immediately irrigate with copious quantities of water for at least 15 minutes. Hold eyelids open. Seek medical attention if irritation persists.
First Aid Facilities	Eye wash station and normal washroom facilities.

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Advice to Doctor Product is a citric acid solution. Treat symptomatically based on judgement of doctor and individual reactions of patient.

Most important symptoms/effects, acute and delayed No adverse health effects expected if the product is handled in accordance with this MSDS and the product label.

Other Information LD50 citric acid: 11500 mg/kg oral, rat

5. Fire-fighting measures

Suitable extinguishing media Use water, foam, carbon dioxide or dry chemical type extinguishers.

Specific Methods Fire-fighters to wear self contained breathing apparatus and protective equipment. If safe to do so remove containers from path of fire.

Specific hazards arising from the chemical Non-flammable.

Decomposition Temp. >170C

6. Accidental release measures

Spills & Disposal Clean up personnel should wear approved clothing with protective goggles, PVC gloves. Small spills may be flushed away with copious amounts of water. Contained aqueous solutions should be neutralised with lime or sodium carbonate. Place waste in labelled drums and hold for disposal. Flush away spill area residues with copious amounts of water.

7. Handling and storage

Conditions for safe storage, including any incompatibilities Store in cool place in sealed plastic containers. Store in a well ventilated area. Store away from oxidising agents and foodstuffs. Store away from sources of heat. Keep containers closed when not in use. Citric acid is an organic acid. Citric acid solutions are corrosive and will slowly corrode mild steel. Avoid dust formation. Take precautionary measures against static discharges. Avoid storage or transport with oxidising agents or bases.

8. Exposure controls/personal protection

Occupational exposure limit values An exposure standard has not been established for this product.

Appropriate engineering controls Ensure workplace is well ventilated.

Personal Protective Equipment Wear PVC gloves, overalls and eye protection when handling industrial quantities. If risk of splashes into eyes, wear safety glasses with side shields.
When handling smaller quantities of product, wear safety glasses and PVC or household gloves.
Always maintain a high level of personal hygiene when using this product. That is wash hands before eating, drinking, smoking or using the toilet.

9. Physical and chemical properties

Form Liquid

Appearance Clear liquid with slight odour.

Decomposition Temperature >170C

Solubility in Water soluble

Specific Gravity 1.2

pH 2.0 - 2.5

Flash Point None

Flammability Non flammable.

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10. Stability and reactivity

Chemical Stability	Stable under normal use conditons.
Conditions to Avoid	Contact with incompatible materials.
Incompatible Materials	Metal nitrates (potentially explosive reaction). Alkali carbonates and bicarbonates. Potassium tartrate. Will corrode copper, zinc, aluminum and their alloys.
Hazardous Decomposition Products	If involved in a fire or heated to decomposition it emits carbon oxides, acrid smoke and irritating fumes.

11. Toxicological Information

Toxicology Information	No toxicity information is available for this product.
Acute Toxicity - Oral	LD 50 (Rat): 6,730 mg/kg LD 50 (Mouse): 5,040 mg/kg
Ingestion	Contact with incompatible materials.
Inhalation	May cause irritation to the mucous membranes and upper respiratory tract
Skin	Contact with skin may result in irritation.
Eye	Causes serious eye irritation
Chronic Effects	Based on available data, repeated exposures are not anticipated to cause additional significant adverse effects.

12. Ecological information

Ecological Information	The product components are not classified as environmentally hazardous.
Mobility	The product is water soluble and may spread in water systems.
Environmental Protection	Citric acid is fully biodegradable. Degradability: >98% after 2 days.

13. Disposal considerations

Waste Disposal	Land fill, incineration, sewer (small quantities). Refer to Land Waste Management Authority in your State.
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14. Transport information

Transport Information	Not classified as a dangerous good for transport and storage.
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15. Regulatory information

Poisons Schedule	Not Scheduled
AICS (Australia)	All components listed.

16. Other Information

Date of preparation or last revision of SDS	29/06/2021
Literature 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 Globally Harmonised System of classification and labelling of chemicals
Signature of Preparer/Data Service	Technical Manager 0407 610 54
Technical Contact Point	Emergency Advice All Hours: General Manager Tel: 0407 610 54 Mon-Fri 8am - 6pm

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Other Information

Poisons Information Centre: 13 11 26 - 24hrs

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this MSDS carefully, and if in doubt ring the Contact Point Number given below.
...End Of MSDS...

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