



Date of Issue: 23 November 2016

Citric CIP Liquid

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name	Citric CIP Liquid
Code	50341
Product Use	For neutralising tanks and lines in the food and drink industry after using caustic
Company Name	Dominant (Australia) Pty Ltd
Address	12 Coglin Street, Brompton SA 5007, Australia
Telephone	1300 789 852 or +61 (8) 8245 6900
Facsimile	+ 61 (8) 8340 1626
Emergency Phone	13 11 26

2. HAZARDS IDENTIFICATION

GHS Classification	Eye Damage 1 Skin Corrosion 1
Signal Word	DANGER
Hazard Statements	Causes severe skin burns and eye damage
Precautionary Statements	Keep out of reach of children. Do not breathe mists / spray. Wash hands thoroughly after handling Wear protective gloves/ protective clothing/ eye protection/face protection. Store locked up. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Dispose of contents/container in accordance with state regulations

Pictograms



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Product Name: Citric CIP Liquid**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients	Name	CAS	Proportion
	Citric acid	77-92-9	30 – 60%
	Ingredient classified as non-hazardous	Not Required	Balance

4. FIRST AID MEASURES

Ingestion	If swallowed do NOT induce vomiting. Immediately wash out mouth with water. Seek urgent medical attention.
Eye	If in eyes, hold eye lids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek urgent medical attention.
Skin	If skin contact occurs, Remove/ Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Seek medical attention if symptoms persist.
Inhaled	Not normally a problem due to method of use. However if breathing is affected move victim to fresh air. If problems persist, seek urgent medical attention.
First Aid Facilities	An eye wash and general washing facility should be available to the work area.
Advice to Doctor	Treat symptomatically. For advice contact a Poisons Information Centre. (Phone Australia 13 11 26; New Zealand 0800 764 766)

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use appropriate extinguishing media to suit surrounding area. Do not use a direct water stream.
Hazards from Combustion	Material does not burn. If involved in fire hazardous decomposition products include toxic gases and vapours.
Precautions for Fire Fighters	Wear chemical splash suit and SCBA. Keep containers cool by spraying with water. Contact with metals may evolve flammable hydrogen gas.
Hazchem	None assigned for product.

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Product Name: Citric CIP Liquid**6. ACCIDENTAL RELEASE MEASURES**

Emergency Procedures	Keep unauthorized people away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Clean Up	For minor spills mop up and rinse with water. For larger spills absorb material on mineral absorbent material or absorbent pads. Neutralise with soda ash or lime. Collect and put into plastic bags or containers and dispose of through waste disposal contractor. Rinse area with water.

7. HANDLING AND STORAGE

Handling	Wear appropriate protective clothing to prevent skin and eye contact. Use in well ventilated area. Keep containers closed when not in use. Maintain a high standard of personal hygiene. Wash hands immediately after using product.
Storage	Store in a cool, dry, well ventilated place out of direct sunlight. Store in closed containers. Store away from incompatible materials such as caustic compounds, chlorine bleaches, aluminium or zinc. Store locked up.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards	No exposure standards assigned for product or ingredients.
Engineering Controls	Use in well ventilated area. Product is normally dosed automatically into lines, but may be added manually if required.
Personal Protective Equipment	Wear gloves and goggles if adding manually or cleaning up a spillage.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear colourless liquid with practically no odour
Solubility in Water	Soluble in all proportions.
pH	1.1
Flash Point	Not applicable
Melting Point	Not available
Boiling Point	Not available
Specific Gravity	1.235

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Product Name: Citric CIP Liquid**10. STABILITY AND REACTIVITY**

Stability	Stable product
Hazardous Polymerisation Conditions to Avoid	Will not occur
Incompatible Materials	Do not mix with caustic compounds, chlorine bleaches or oxidising agents. Reacts violently with caustic and evolves chlorine gas if mixed with chlorine bleach. Attacks aluminium, tin and zinc and concrete.

11. TOXICOLOGICAL INFORMATION

Ingestion	Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and bleeding. Can cause chemical burns to the mouth, oesophagus and gastrointestinal tract.
Eye	Corrosive to eyes. Will cause severe irritation and chemical burns. Contamination of eyes can result in permanent injury or blindness if not treated promptly and thoroughly.
Skin	Corrosive to skin – may cause skin burns. Contact with skin will result in severe irritation.
Inhalation	Vapours and mists cause severe irritation to the mucous membranes and upper respiratory tract.
Chronic Effects	Prolonged or repeated exposure to this product will result in skin irritation and possibly result in dermatitis.
Toxicological Data	For Citric acid. Oral LD50 : 6730 mg/kg (rat) skn-rbt 500 mg/24H MOD eye-rbt 750 µg/24H SEV (Reference: Dangerous Properties of Industrial Materials 7th Edition)

12. ECOLOGICAL INFORMATION

Ecotoxicity	The product has high BOD and may cause significant oxygen depletion in an aquatic environment. Avoid contaminating waterways.
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13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. Dispose of material through licensed waste contractor. Assure conformity with all applicable regulations.

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14. TRANSPORT INFORMATION

UN No.	None assigned
Proper Shipping Name	None assigned
Hazchem Code	None assigned
Class	None assigned
Packing Group	None assigned

15. REGULATORY INFORMATION

Classification	Poisons Schedule: Not classified according to the Poisons Standard March 2016
Approvals	Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

16. OTHER INFORMATION

Contact Point	Dominant Australia. Phone 08 8245 6900 24 hour medical emergency 13 11 26
Date of preparation	23 rd November 2016