

SAFETY DATA SHEET

ACIDIC MEMBRANE CLEANER

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

PRODUCT NAME: ACIDIC MEMBRANE CLEANER
CHEMICAL NAME 2: Mixture of organic acid and chelating agent
PART NO: 515
SUPPLIER: Advanced Watertek Pty Ltd
Unit 1 / 33 McCoy Street
MYAREE WA 6154
Tel: 08 9317 4893

EMRGENCY TELEPHONES: **Poisons Information Centre 13 11 26**

2. COMPOSITION/INFORMATION OF INGREDIENTS:

EEC(EINECS)No	: 201-069-1	
SODIUM TRIPOLYPHOSPHITE	: 10%	CAS NO: 7758-29-4
CITRIC ACID	: 90%	CAS No: 77-92-9

3. HAZARDS IDENTIFICATION:

Irritating to eyes and skin

4. FIRST AID MEASURES:

INHALATION: Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position.
Get medical attention if any discomfort continues.

INGESTION: DO NOT INDUCE VOMITING!
Rinse mouth thoroughly.
Get medical attention.

SKIN: Immediately remove contaminated clothing.
Rinse immediately with plenty of water.
Continue to rinse for at least 15 minutes.
Get medical attention if irritation persists after washing.

EYES : Rinse the eye with water immediately.
Continue to rinse for at least 15 minutes.
Contact physician if irritation persists.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA: Use: Water spray, skin and eye contact.
PROTECTIVE MEASURE IN FIRE: Use self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES:

SPILL CLEANUP METHODS: Should be prevented from entering drains.
Collect and reclaim or dispose in sealed containers in licensed waste.
Containers with collected spillage must be properly labeled with correct Contents and hazard symbol.

7. HANDLING AND STORAGE:

USAGE PRECATIONS: Avoid spilling, skin and eye contact.
Avoid handling which leads to dust formation.
Static electricity and formation of sparks must be prevented.

STORAGE PRECATIONS: Keep in cool, dry, ventilated storage and closed containers.
Store separated from: Alkalies. Oxidising material. Aluminium.

8. EXPOSURE CONTROLES AND PERSONAL PROTECTION:

INGREDIENT COMMENTS: No exposure limits noted ingredient(s).
VENTILATION: Provide sufficient ventilation for operations causing dust formation.
RESPIRATORS: Wear respirator if there is dust formation.
PROTECTIVE GLOVES: Use protective gloves made of: Rubber, neoprene or PVC.
EYE PRODUCTION: Wear approved safety goggles.
OTHER PROTECTION: Wear appropriate clothing to prevent repeated or prolonged skin contact.

HYGIENIC WORK PRACTICES: No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPERANCE:	Powder, dust		
COLOUR:	white		
ODOUR/TASTE:	Slight		
MELT./FREEZ.POINT (°C, interval):	>150		
DENSITY/SPECIFIC GRAVITY (g/ml):	1.67	Temperature (°C):	
pH-VALUE, DILUTED SOLUTIONS:	2.5-3.5	Concentration % M:	3.0

SOLUBILITY DESCRIPTION: Soluble in water.

10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID: Avoid dust to ignition sources.
Avoid contact with: Strong oxidising agents. Strong alkalis. Aluminium.
In contact with metals generates hydrogen gas, which together with air
Can form explosive mixtures.

HAZARDOUS DECOMP. Toxic gases/vapours/fumes of: Carbon dioxide (CO₂). Carbon monoxide (CO).

PRODUCTS: Aqueous solution in contact with aluminium may produce hydrogen

11. TOXICOLOGICAL INFORMATION:

TOXIC DOSE-LD 50: >2000 mg/kg (oral rat)

SKIN: Irritating to skin.
Not a skin sensitiser

EYES: Irritating to eyes.

12. ECOLOGICAL INFORMATION:

Ecotoxicological Data Acute toxicity.LC50 fish>100 mg/l Estimated

ECOLOGICAL INFORMATION: Eliminated from waste water plants by precipitation with ferric & aluminum salts.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS: INCINERATE.
Absorb in vermiculite or dry sand, dispose in licensed special waste.

14. TRANSPORT INFORMATION:

ADR CLASS: Not classified for transportation.

RAIL TRANSPORT NOTES: Not classified

MARINE POLLUTANT: No

SEA TRANSPORT NOTES: Not classified

AIR TRANSPORT NOTES: Not classified dangerous as per IATA/ICAO

15. REGULATORY INFORMATION:

RISK PHRASES: R-36/38 Irritating to eyes and skin.

SAFETY PHRASES: S-36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

EU DIRECTIVES: Dangerous substance directive 67/548.
Dangerous Preparations Directive 88/379.

16. OTHER INFORMATION:

REVISION DATE: 15-February-2018

REV.NO/REPL.SDS 1

SAFETY DATA SHEET STATUS: Approved

DISCLAIMER For safety reasons it is IMPERATIVE that customer ensure that all those within control who use the products are supplied with all relevant information contained within the material safety data sheet and technical bulletin concerning the applications for which the product is designed and warnings contained therein.