

Infosafe No™ VAR4A	Issue Date : November 2024	ISSUED by MILESTON
Product Name MILESOUR		

Section 1 - Identification

Product Identifier	MILESOUR
Company Name	Milestone Chemicals Pty. Ltd. (ABN 85115166357)
Address	115 Northern Road West Heidelberg VIC 3081 AUSTRALIA
Telephone/Fax Number	Tel: (03) 9450 4555 Fax: (03) 9457 5518
Emergency Phone Number	(03) 9450 4555 Mon-Fri 8am - 6pm
Recommended use of the chemical and restrictions on use	An acid liquid that is used to control the end pH in commercial laundries. Use rate through an automatic dispenser is approx. 1 ml per kilo dry weight of linen.

Section 2 - Hazard(s) Identification

GHS Classification of the Substance/Mixture	Skin corrosion/irritation: Category 1B
Signal Word	DANGER
Hazard Statement (s)	H314 Causes severe skin burns and eye damage.
Pictogram (s)	Corrosion



Precautionary Statement – Prevention	P260 Do not breathe dust/fume/gas/mist/vapours/spray. P264 Wash contaminated skin thoroughly after handling. P280(f) Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement – Response	P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/doctor. P363 Wash contaminated clothing before reuse. P405 Store locked up.
Precautionary Statement – Storage	
Precautionary Statement – Disposal	P501 Dispose of contents/container: Recycle packaging by replacing cap and returning clean containers to recycler or designated collection point.
Precautionary Statement – General	P102 Keep out of reach of children. P103 Read carefully and follow all instructions.

Section 3 - Composition and Information on Ingredients

Ingredients	Name	CAS	Proportion
	Phosphoric acid	7664-38-2	30-60 %
	Other ingredients determined not to be hazardous	Not required	0-10 %
	Water	7732-18-5	to 100%

Section 4 - First Aid Measures

Inhalation	Remove victim from exposure. Allow patient to assume most comfortable position, keep warm and at rest until fully recovered.
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Ingestion	Rinse mouth with water. Do NOT induce vomiting. Give water to drink to be taken slowly. Seek immediate medical advice.
Skin	Remove heavily contaminated clothing. Wash affected area with copious quantities of water for at least 15 minutes. If irritation develops or persists seek medical advice.
Eye	Immediately irrigate with copious quantities of water for at least 15 minutes. Hold eyelids open. Seek medical attention.
First Aid Facilities	Eye wash station and normal washroom facilities.
Advice to Doctor	Treat symptomatically for acids.

Section 5 - Firefighting Measures

Suitable Extinguishing Media	Use extinguishing media appropriate to surrounding fire. Use water spray to cool containers and surrounds.
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 liquid. However, flammable and explosive hydrogen gas may be formed on contact with metals.
Hazchem Code	2R

Section 6 - Accidental Release Measures

Spills & Disposal	Wear protective equipment to prevent skin and eye contamination consisting of rubber gloves and safety goggles. Contain large spills with an inert material such as sand, soil or vermiculite. Collect and seal in properly labelled containers for disposal. Small spills may be mopped up. Wash down area with excess water.
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Section 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.
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Section 8 - Exposure Controls and Personal Protection

Occupational Exposure Limit (OEL) Values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Phosphoric acid	3		1		
Other Exposure Information	No value assigned by the National Occupational Health and Safety Commission (Worksafe Australia). However, exposure standards for constituents: Phosphoric acid: TWA: 1 ppm (3 mg/m3): STEL: No value.					
Engineering Controls	In very confined spaces have sufficient ventilation. Keep containers closed when not in use.					
Personal Protective Equipment	Wear (butyl) rubber gloves, waterproof footwear and eye protection. Only mix product in plastic containers or buckets. If risk of splashes into eyes, wear safety glasses with side shields. Always maintain a high level of personal hygiene when using this product. That is wash hands before eating, drinking, smoking or using the toilet.					

Section 9 - Physical and Chemical Properties

Form	Liquid
Appearance	Clear yellow thin liquid.
Odour	Nil
Solubility in Water	Miscible at all concentrations.
Specific Gravity	1.2

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pH	1.5 - 2.5
Flash Point	None
Flammability	Non flammable.

Section 10 - Stability and Reactivity

Chemical Stability	Stable under normal use conditons.
Possibility of Hazardous Reactions	Contact with metals may produce hydrogen gas which is flammable. If splashing occurs rinse with water and wipe clean. Do not mix with bleaches, acids, or other cleaning solutions.
Conditions to Avoid	Heat, flames, ignition sources and incompatibles.
Incompatible Materials	Strong alkalis, oxidizing agents
Hazardous Decomposition Products	If involved in a fire, toxic fumes will be evolved.

Section 11 - Toxicological Information

Acute Toxicity - Oral	LD50 Phosphoric acid: 1530 mg/kg oral, rat
Acute Toxicity - Inhalation	Human TCLo: 100 mg/m3
Ingestion	Ingestion can result in burning, pain in the mouth, throat and abdomen followed by vomiting and diarrhea. Mild toxicity.
Inhalation	Slightly toxic. Extremely irritative to respiratory tract.
Skin	Will cause skin burns in concentrated solution. Irritative.
Eye	Will cause severe burns. Extremely irritative.
Chronic Effects	No prolonged or repeated exposure information is available for this product.

Section 12 - Ecological Information

Mobility	Readily dilutes with water.
Environmental Protection	Avoid contaminating waterways, drains, sewers, or ground.

Section 13 - Disposal Considerations

Waste Disposal	Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent.
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Section 14 - Transport Information

Transport Information	Classified as a Class 8 Dangerous Good. Dangerous Goods of Class 8 Corrosives are incompatible in a placard load with any of the following: - Class 1, Class 4.3, Class 5, Class 6, if the Class 6 dangerous goods are cyanides and the Class 8 dangerous goods are acids and Class 7.
ADG UN Number	1805
ADG Proper Shipping Name	PHOSPHORIC ACID
ADG Transport Hazard Class	8
ADG Packing Group	III
Hazchem Code	2R
EPG Number	8A1
IERG Number	37

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Section 15 - Regulatory Information

Poisons Schedule S6
Australia (AICS/AIC) All components listed.

Section 16 - Any Other Relevant Information

Date of Preparation 9/11/2024

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 GHS7

Signature of Preparer/Data Service Technical manager Tel: (03) 9450 4555

Technical Contact Numbers Emergency Advice All Hours:
Chief Chemist Tel: (03) 9450 4555 Mon-Fri 8am - 6pm
Poisons Information Centre: 13 11 26 - 24hrs

Other Information This SDS 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 SDS carefully, and if in doubt ring the Contact Point Number given below.
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