

Infosafe No™ VASOS	Issue Date : February 2024	ISSUED by MILESTON
Product Name CLEANING VINEGAR 10%		

Section 1 - Identification

Product Identifier	CLEANING VINEGAR 10%
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	Cleaning vinegar

Section 2 - Hazard(s) Identification

GHS Classification of the Substance/Mixture	Eye damage/irritation: Category 2A Skin corrosion/irritation: Category 2
Signal Word	WARNING
Hazard Statement (s)	H315 Causes skin irritation. H319 Causes serious eye irritation.
Pictogram (s)	Exclamation mark



Precautionary Statement – Prevention	P264 Wash contaminated skin thoroughly after handling. P280(f) Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement – Response	P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 If skin irritation occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse.
Precautionary Statement – Storage	P404 Store in a closed container.
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
	Water	7732-18-5	90 %
	Acetic acid	64-19-7	10 %

Section 4 - First Aid Measures

Inhalation	Remove from exposure to fresh air. If aspirated into the lungs, obtain medical attention.
Ingestion	Do NOT induce vomiting. Give a glass of water to be taken slowly. See a doctor.
Skin	If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If irritation persists, see a doctor.
Eye	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
First Aid Facilities	Eye wash station and normal washroom facilities.

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Advice to Doctor Vomiting has not been induced because of risk of aspiration into the lungs. Contact Poisons Information Centre. Treat symptomatically.

Section 5 - Firefighting Measures

Suitable Extinguishing Media Use extinguishing media appropriate to surrounding fire.

Hazards from Combustion Products Water vapour, carbon dioxide and oxides of nitrogen and sulphur. Incomplete combustion may generate carbon monoxide.

Special Protective Equipment for Firefighters If safe to do so, move undamaged containers from fire area. In case of small fire/explosion use water. In case of major emergency use PPE: Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

Specific Hazards Arising from the Chemical Not a fire hazard. Not an explosion hazard.

Section 6 - Accidental Release Measures

Spills & Disposal Material may be slippery when spilt. Walk cautiously. Ventilate area. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this SDS. Bund area using sand or soil - to prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal in properly labelled containers for disposal.

Section 7 - Handling and Storage

Conditions for safe storage, including any incompatibilities Store in cool place in original container. Store away from oxidising agents, acids and foodstuffs. Keep containers closed when not in use. Store out of reach of children. Large quantities should be stored in a banded area. Do not mix with other chemicals. Clean up all spills and splashes promptly; avoid secondary accidents.

Section 8 - Exposure Controls and Personal Protection

Occupational Exposure Limit (OEL) Values ACETIC ACID
TLV TWA: 10 ppm, 25 mg/m³; STEL: 15 ppm, 37 mg/m³
ES TWA: 10 ppm, 25 mg/m³; STEL: 15 ppm, 37 mg/m³
OES TWA: 10 ppm, 25 mg/m³; STEL: 15 ppm, 37 mg/m³
MAK value: 10 ppm, 25 mg/m³ MAK Category I Peak Limitation: For local irritants Allows excursions of twice the MAK value for 5 minutes at a time, 8 times per shift. MAK values, and categories and groups are those recommended within the Federal Republic of Germany. Odour Threshold Value: 0.037-0.15 ppm (detection) IDLH Level: 50 ppm
NOTE: Detector tubes for acetic acid, measuring in excess of 1 ppm, are commercially available. Exposure at or below the TLV-TWA and TLV-STEL is thought to protect the worker against conjunctival, nose and respiratory tract irritation.

Engineering Controls None for normal domestic use. For commercial/industrial use: Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended.

Personal Protective Equipment Prevent contact with the eyes. Avoid contact with the skin. Avoid breathing of vapours. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-
Glasses
Gloves, rubber or plastic
Always maintain a high level of personal hygiene when using cleaning chemicals. That is wash hands before eating, drinking, smoking or using the toilet.

Section 9 - Physical and Chemical Properties

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Product Name **CLEANING VINEGAR 10%**

Form	Liquid
Appearance	Clear, colourless liquid; mixes with water / many organic solvents Vinegar like odour.
Melting Point	No data available
Boiling Point	No data available
Solubility in Water	Miscible at all concentrations.
Specific Gravity	1.0
pH	<2.0
Vapour Pressure	No data available
Flash Point	>63C
Flammability	Not flammable.

Section 10 - Stability and Reactivity

Chemical Stability	Stable under normal use conditons.
Conditions to Avoid	Heat, flames and other ignition sources.
Incompatible Materials	Strong alkalis, acids, oxidizing agents.
Hazardous Decomposition Products	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

Section 11 - Toxicological Information

Ingestion	Considered an unlikely route of entry in commercial/industrial environments The liquid is extremely discomforting and corrosive if swallowed and is capable of causing burns to mouth, throat, oesophagus, with extreme discomfort, pain. Ingestion may result in nausea, abdominal irritation, pain and vomiting. Ingestion may cause delayed gastro-intestinal and oesophageal perforation.
Inhalation	The vapour is extremely discomforting if inhaled, may cause breathing difficulty and if exposure is prolonged may be corrosive to the upper respiratory tract and may cause burns or severe mucous membrane damage. Minor exposure may cause transient loss of voice. Repeated minor vapour exposure may cause chronic respiratory inflammation and bronchitis. A severe acute vapour exposure may cause pulmonary oedema.
Skin	The liquid is highly discomforting and irritating to the skin. The material may produce severe skin irritation after prolonged or repeated exposure, and may produce a contact dermatitis (nonallergic). This form of dermatitis is often characterised by skin redness (erythema) and swelling (oedema) which may progress to vesiculation, scaling and thickening of the epidermis. Histologically there may be intercellular oedema of the spongy layer (spongiosis) and intracellular oedema of the epidermis. Prolonged contact is unlikely, given the severity of response, but repeated exposures may produce severe ulceration.
Eye	The material may produce severe irritation to the eye causing pronounced inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.
Chronic Effects	Principal routes of exposure are usually by skin contact with the material and inhalation of vapour. Repeated minor oral exposure can cause blackening of the skin and teeth, erosion of the teeth, vomiting, diarrhoea, nausea.

Section 12 - Ecological Information

Ecotoxicity	Not severe.
Persistence and Degradability	Biodegradable.
Mobility	Dissolves in water readily.

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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.

Section 14 - Transport Information

Transport Information Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Section 15 - Regulatory Information

Poisons Schedule Not Scheduled

Australia (AICS/AHC) All components listed.

Section 16 - Any Other Relevant Information

Date of Preparation 4/02/2024

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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