

Infosafe No™ VAR4G	Issue Date : February 2021	ISSUED by MILESTON
Product Name <b>PROOF F&amp;M</b>		

## 1. Identification

<b>GHS Product Identifier</b>	PROOF F&M
<b>Company Name</b>	Milestone Chemicals Pty. Ltd. (ABN 85115166357)
<b>Address</b>	115 Northern Road West Heidelberg VIC 3081 AUSTRALIA
<b>Telephone/Fax Number</b>	Tel: (03) 9450 4555 Fax: (03) 9457 5518
<b>Emergency phone number</b>	(03) 9450 4555 Mon-Fri 8am - 6pm
<b>Recommended use of the chemical and restrictions on use</b>	Quaternary Ammonium Compound sanitiser / cleaner, for use in food preparation areas.

## 2. Hazard Identification

<b>GHS classification of the substance/mixture</b>	Eye Damage/Irritation: Category 2A Skin Corrosion/Irritation: Category 2
<b>Signal Word (s)</b>	WARNING
<b>Hazard Statement (s)</b>	H315 Causes skin irritation. H319 Causes serious eye irritation.
<b>Precautionary statement – General</b>	P102 Keep out of reach of children. P103 Read label before use.
<b>Pictogram (s)</b>	Exclamation mark 
<b>Precautionary statement – Prevention</b>	P264 Wash contaminated skin thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary statement – Response</b>	P302+P352 IF ON SKIN: Wash with plenty of soap and 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 Take off contaminated clothing and wash before reuse.
<b>Precautionary statement – Storage</b>	P404 Store in a closed container.
<b>Precautionary statement – Disposal</b>	P501 Dispose of contents/container: Recycle packaging by replacing cap and returning clean containers to recycler or designated collection point.

## 3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Ingredients determined not to be hazardous, including water.		to 100%
	Dodecyl dimethyl benzyl ammonium chloride	139-07-1	6%

## 4. First-aid measures

<b>Inhalation</b>	Move victim to fresh air. Apply resuscitation if victim is not breathing.
<b>Ingestion</b>	Rinse mouth with water. Do not induce vomiting. Give a glass of water to be taken slowly. Seek medical advice.

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<b>Skin</b>	If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If irritation persists see a doctor.
<b>Eye contact</b>	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
<b>First Aid Facilities</b>	Eye wash station and normal washroom facilities.
<b>Advice to Doctor</b>	Product is a dilute solution of surfactant and quaternary ammonium compound. Vomiting has not been induced because of risk of aspiration into the lungs. Treat symptomatically. Contact Poisons Information Centre.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Use extinguishing media appropriate to surrounding fire. Use water spray to cool containers and surrounds.
<b>Hazards from Combustion Products</b>	Decomposes on heating emitting oxides of carbon, nitrogen and phosphorous and traces of hydrochloric acid.
<b>Special Protective Equipment for fire fighters</b>	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.
<b>Specific hazards arising from the chemical</b>	Not a fire hazard. Not an explosion hazard.

## 6. Accidental release measures

<b>Spills &amp; Disposal</b>	Disposal of small spillages only. For large spillages liquids should be contained using sand or earth, and both liquids and solids then transferred to salvage containers. Residues should be treated as for small spillages. CAUTION: Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance and, for flammable materials, shut off all possible sources of ignition. CARE! Spillages will be slippery. If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise absorb on inert absorbent, transfer to container and arrange removal by disposals company. Wash site of spillage thoroughly with water. Ventilate area to dispel any residual vapours.
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## 7. Handling and storage

<b>Conditions for safe storage, including any incompatibilities</b>	Store out of reach of children. Large quantities should be stored in a bunded area. Store in original container. Keep away from oxidising agents. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.
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## 8. Exposure controls/personal protection

<b>Other Exposure Information</b>	No value assigned by the National Occupational Health and Safety Commission (Worksafe Australia).
<b>Appropriate engineering controls</b>	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.
<b>Personal Protective Equipment</b>	Avoid contact with the skin and eyes. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- <ul style="list-style-type: none"> <li>Safety glasses</li> <li>Gloves, rubber or plastic</li> <li>Respirators in accordance with AS/NZS 1715/1716. The use of a P1 dust mask (disposable) or with replaceable filters is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.</li> </ul> Always maintain a high level of personal hygiene when using this product. That

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is wash hands before eating, drinking, smoking or using the toilet.

## 9. Physical and chemical properties

<b>Form</b>	Liquid
<b>Appearance</b>	Clear green liquid
<b>Odour</b>	Mild quat like odour
<b>Boiling Point</b>	100C
<b>Solubility in Water</b>	Miscible at all concentrations
<b>Specific Gravity</b>	1.0
<b>pH</b>	10.5 - 11.0 (1% solution)
<b>Vapour Pressure</b>	23 hPa @ 20C
<b>Evaporation Rate</b>	No data.
<b>Flash Point</b>	None
<b>Flammability</b>	Not flammable.

## 10. Stability and reactivity

<b>Chemical Stability</b>	Stable under normal use conditons.
<b>Conditions to Avoid</b>	Heat, flames, ignition sources and incompatibles.
<b>Incompatible Materials</b>	Strong alkalis, acids, oxidizing agents
<b>Hazardous Decomposition Products</b>	Water vapour, carbon dioxide, oxides of nitrogen, trace of hydrogen chloride.

## 11. Toxicological Information

<b>Toxicology Information</b>	No adverse health effects are expected, if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:
<b>Acute Toxicity - Oral</b>	LD50 Quaternary ammonium salt 350 mg/kg oral, rat Surfactant 3,000 mg/kg oral, mouse
<b>Ingestion</b>	May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.
<b>Inhalation</b>	May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and loss of co-ordination.
<b>Skin</b>	May cause irritation to the skin, with effects including: Redness and itchiness.
<b>Eye</b>	May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.
<b>Chronic Effects</b>	Prolonged or repeated skin contact may lead to dermatitis. No significant long term exposure effects have been reported.

## 12. Ecological information

<b>Persistence and degradability</b>	Biodegradable.
<b>Mobility</b>	Readily dilutes with water.
<b>Information on Ecological Effects</b>	Harmful to aquatic life.
<b>Environmental Protection</b>	Avoid contaminating waterways, drains, sewers, or ground.

## 13. Disposal considerations

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**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.

#### 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.

#### 15. Regulatory information

**Poisons Schedule**      S5

**AICS (Australia)**      All components listed.

#### 16. Other Information

**Date of preparation or last revision of SDS**      10/02/2021

**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 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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