Safety Data Sheet

Infosafe No™ VAR9R	Issue Date :November 2024	ISSUED by MILESTON

Product Name **SANILINE**

Section 1 - Identification

Product Identifier	SANILINE
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	Liquid sanitation agent for use in-conjunction with KLEENLINE to ensure brewery lines are clean and sanitary.

Section 2 - Hazard(s) Identification

GHS Classification of the Substance/Mixture	Eye damage/irritation: Category 2A
Signal Word	WARNING
Hazard Statement (s)	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	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention.
Precautionary Statement – Storage	P404 Store in a closed container.
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
Hydrogen peroxide	7722-84-1	0-8 %
Water	7732-18-5	to 100%

Section 4 - First Aid Measures

Inhalation	Remove to fresh air. If required seek medical attention.
Ingestion	Immediately rinse mouth with water. Do NOT induce vomiting. Slowly give water to drink. Seek medical attention.
Skin	Remove all contaminated clothing and wash affected area with plenty of water. Seek medical attention if symptoms develope.
Eye	Hold eyes open and flood with running water for at least 15 minutes, bathe eyes with soothing eyedrops or sterile saline, seek immediate medical attention.
First Aid Facilities	Eye wash station and normal washroom facilities.

Advice to Doctor	Hydrogen Peroxide is a strong oxidant. Due to the likelihood of corrosive effects and the unlikelihood of systemic effects attempts at evacuating the stomach via emesis induction or gastric lavage should be avoided. However, remote possibility that a nasogastric or orogastric tube may be required for the reduction of severe distention due to gas formation. Eyes: Direct contact, esp. if not washed away immediately, is sufficient to cause corneal damage.

Section 5 - Firefighting Measures

Suitable Extinguishing Media	Use extinguishing media appropriate to surrounding fire.
Hazards from Combustion Products	Oxygen.
Specific Methods	In case of small fire/explosion use water. In case of major emergency use PPE: breathing apparatus and protective gloves.
Specific Hazards Arising from the Chemical	May cause fire on contact with combustible materials. If involved in a fire, the oxygen liberated will cause combustible materials to burn more fiercely.

Section 6 - Accidental Release Measures

Spills & Disposal	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. If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Wash site of spillage thoroughly with water. Ventilate area to dispel any residual vapours.

Section 7 - Handling and Storage

Conditions for safe storage, including any incompatibilities	Store in a cool, well ventilated place, out of reach of children. Store in original container (vented). Never store in unlined metal containers. Keep container tightly closed. Keep out of direct sunlight. Keep away from combustible materials. Keep away from metals and their salts. Keep away from oxidising and reducing agents. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents. Seperate storing from D.G.Class 2, 3, 4, 5.2 and 8.

Section 8 - Exposure Controls and Personal Protection

Occupational Exposure Limit (OEL) Values	1.4 mg/m3 as hydrogen peroxide.
Engineering Controls	Prevent direct contact with metals. Local mechanical exhaust/extraction usually required to keep airborne contamination as low as possible.
Personal Protective Equipment	Prevent contact with the eyes. Avoid contact with the skin. Wear rubber or PVC gloves, PVC apron and boots. Wear safety glasses where risk of splashing exists. Use with adequate ventilation. 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

Form	Liquid
Appearance	Clear water white liquid
Odour	Nil
Boiling Point	100oC - 110oC
Solubility in Water	Miscible with water in all proportions.
Specific Gravity	1.0

pH	5.0 - 6.0
Flash Point	None
Flammability	Non Flammable. Heat will cause decomposition to oxygen gas.

Section 10 - Stability and Reactivity

Chemical Stability	Stable under normal use conditons.
Possibility of Hazardous Reactions	May react with aluminium forming hydrogen gas.
Conditions to Avoid	Heat, flames, ignition sources and incompatibles.
Incompatible Materials	Strong alkalis, acids, oxidizing agents.
Hazardous Decomposition Products	Decomposes on heating to emit oxygen. Heating can cause expansion of containers or decomposition leading to violent rupture of containers. Can react with aluminium forming hydrogen gas.

Section 11 - Toxicological Information

Toxicology Information	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:
Acute Toxicity - Oral	Oral LD50(Rats): 1193 mg/kg
Acute Toxicity - Dermal	Dermal LD50(Rabbit): 2000 mg/kg
Acute Toxicity - Inhalation	LC50(Rats 4 hours): 2000 mg/L LC50(mice): 227 ppm
Ingestion	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.
Inhalation	Respiratory irritant, can cause irritation to mucous membranes in throat and nose. Inhalation in high concentrations may cause temporary lung irritation with cough, discomfort, breathing difficulty.
Skin	Irritant. May cause transient whitening of affected area.
Eye	Irritant, may cause corneal damage if immediate first aid action is not taken.
Chronic Effects	Prolonged or repeated skin contact may lead to dermatitis. Prolonged contact may cause severe eye irritation and some form of permanent eye damage may occur.

Section 12 - Ecological Information

Ecotoxicity	Not severe.
Persistence and Degradability	Readily Biodegradable
Mobility	Readily dilutes with water.
Environmental Fate	This substance may cause long term adverse effects in the aquatic environment.
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	S6
Australia (AICS/AIIC)	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. ...End Of MSDS...

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