

Issue Date: 12/02/2021
Last Revision Date: N/A
Superseded Date: N/A
Version Number: 01

SAFETY DATA SHEET

Product Code: FDS5L

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SECTION 1 PRODUCT IDENTIFICATION

Product Name FOOD GRADE SURFACE SANITISER

Recommended Use For sanitising kitchen bench tops, food processing areas, kitchen sinks and food equipment to ensure elimination of bacteria.

SECTION 2 HAZARD IDENTIFICATION

Based on available information, this material is not classified as hazardous according to criteria of Safe Work Australia.

Poison Schedule

Dangerous Good Classification

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	CAS No.
Benzalkonium chloride	68424-85-1
Ethanol	64-17-5
Ingredients determined to be non-hazardous	

SECTION 4 FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye Contact If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

Notes to physician Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

Hazchem Code Not applicable.

Suitable extinguishing media If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

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Specific hazards Non-combustible material.
Fire fighting further advice Not applicable.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Small Spills Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.
Large Spills Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.
Dangerous Goods - Initial Emergency Response Guide No. Not applicable

SECTION 7 HANDLING AND STORAGE

Handling Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour, mist or aerosols.
Storage Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

National occupational exposure limits:

	TWA		STEL		NOTICES
	ppm	mg/m3	ppm	mg/m3	
Ethyl alcohol	1000	1880	-	-	-

As published by Safe Work Australia.

TWA The time-weighted average airborne concentration over an eight-hour working day, f or a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

Engineering Measures Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Use with local exhaust ventilation or while wearing appropriate respirator.

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Personal Protection Equipment	SAFETY SHOES, OVERALLS Wear safety shoes and overalls.
Hygiene measures	Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

Form	Clear Liquid
Colour	Yellow
Odour	Slight Alcohol
Solubility in water	Yes
Specific Gravity (20°C)	1
Relative Vapour Density (air=1)	N/A
Vapour Pressure (20°C)	N/A
Flash Point (°C)	N/A
Flammability Limits (%)	N/A
Melting Point/Range (°C)	N/A
Boiling Point/Range (°C)	100% Approximately
pH	7 - 7.1
Evaporation Rate (n-Butyl acetate=1)	Same as water
% Volatile by Volume	N/A (Typical values only - consult specification sheet) N Av = Not available, N App = Not applicable

SECTION 10 STABILITY AND REACTIVITY

Chemical stability	This material is thermally stable when stored and used as directed.
Conditions to avoid	Elevated temperatures and sources of ignition.
Incompatible materials	Oxidising agents.
Hazardous decomposition products	Oxides of carbon and nitrogen, smoke and other toxic fumes.
Hazardous reactions	No known hazardous reactions.

SECTION 11 TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

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Material may be an irritant to mucous membranes and respiratory tract.

Skin contact

Contact with skin may result in irritation.

Ingestion

Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact

May be an eye irritant.

Acute toxicity**Inhalation**

This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact

This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion

This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Corrosion/Irritancy

Eye: this material has been classified as not corrosive or irritating to eyes. Skin: this material has been classified as not corrosive or irritating to skin.

Sensitisation

Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.

Aspiration hazard

This material has been classified as non-hazardous.

**Specific target organ toxicity
(single exposure)**

This material has been classified as non-hazardous.

Chronic Toxicity**Mutagenicity**

This material has been classified as non-hazardous.

Carcinogenicity

This material has been classified as non-hazardous.

**Reproductive toxicity (including
via lactation)**

This material has been classified as non-hazardous.

**Specific target organ toxicity
(repeat exposure)**

This material has been classified as non-hazardous.

SECTION 12 ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard

This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard

This material has been classified as non-hazardous. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log Kow < 4.

Ecotoxicity

No information available.

Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Mobility

No information available.

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SECTION 13 DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

SECTION 14 TRANSPORT INFORMATION

Road and rail transport	Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".
Marine transport	Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
Air transport	Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

SECTION 15 REGULATORY INFORMATION

This material is not subject to the following international agreements:	Montreal Protocol (Ozone depleting substances) The Stockholm Convention (Persistent Organic Pollutants) The Rotterdam Convention (Prior Informed Consent) Basel Convention (Hazardous Waste) International Convention for the Prevention of Pollution from Ships (MARPOL)
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SECTION 16 OTHER INFORMATION

Reason for issue	First issue
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END OF SDS