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Disclaimer:
CHESSER CHEMICALS Pty Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

Product: BioFresh SANITISER

HAZARDOUS according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals

SIGNAL WORD: DANGER



Hazard Statements

H314

Causes severe skin burns and eye damage

 **Emergency Response No: CHEMWATCH 1800 951 288**

RECOMMENDED PPE



1 IDENTIFICATION

IDENTIFICATION

Product Code:	BFR
Product Name:	BioFresh SANITISER
Other Names:	Not applicable
Product Use:	Food Surface Sanitiser.
Restrictions on use:	Use as Directed

COMPANY DETAILS

Company:	CHESSER CHEMICALS Pty Ltd
ABN Number:	67 008 262 039
Address:	124 Days Road FERRYDEN PARK SA 5010
Telephone Number:	(08) 8406 0000
Facsimile Number:	(08) 8406 0099
Emergency Telephone Number:	CHEMWATCH 1800 951 288

Other Information: This information summarises our best knowledge on the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

**2 HAZARD IDENTIFICATION****HAZARDOUS** according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals**Classification of the substance or mixture:**

Eye damage/irritation - Category 1

Skin corrosion/irritation - Category 1

SIGNALWORD: DANGER**Hazard Statements**

H314 Causes severe skin burns and eye damage

General Precautionary Statements:

P102 Keep out of reach of children

Prevention Precautionary Statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray

P264 Wash hands thoroughly after handling

P280 Wear protective gloves/protective clothing/eye protection/face protection

Response precautionary statements

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water/shower.

P363 Wash contaminated clothing before reuse

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P310 Immediately call a POISON CENTRE or doctor/physician

P321 Specific treatment (see ... on this label)

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

Storage precautionary statements

P405 Store locked up

Disposal precautionary statements

P501 Dispose of contents/container to ... (specify) in accordance with local regulations.

Poisons Schedule (SUSMP): Not Scheduled**3 COMPOSITION****Ingredients**

Chemical Entity	CAS Number	Proportion	Risk Phrases
Anionic surfactant	[27176-87-0]	1-10%	H302 H314
Natural food acid	[50-21-5]	1-10%	H318 H315
WATER	[7732-18-5]	> 60%	
Ingredients determined not to be hazardous	Not applicable	to 100%	

4 FIRST AID MEASURES**Ingestion:** Do NOT induce vomiting. Wash out mouth with water. Seek medical attention.**Eye:** If contact with eye(s) occurs, hold eyes lids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.**Skin:** Wash affected area thoroughly with water. If symptoms develop, seek medical attention.**Inhaled:** Not considered a probable path of exposure. If inhaled, remove victim from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.**First Aid Facilities:** Eye wash and normal wash room facilities.**Advice to Doctor** Treat symptomatically. Consult Poisons Information Centre (Phone Aus 131 126)



5 FIRE FIGHTING MEASURES

Fire Extinguishing Media:	Use appropriate extinguishing media to suit surrounding area. Do not use a direct water stream
Hazards from Combustion:	Material does not burn. If involved in fire hazardous decomposition products include toxic gases and vapours
Precaution for Fire Fighters:	Wear chemical splash suit and SCBA Keep containers cool by spraying with water. Contact with metals may evolve flammable hydrogen gas
Hazchem	None

6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Keep unauthorised people away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing
Clean Up	Spills will be slippery so treat promptly. For minor spills mop up and rinse with water. For larger spills absorb material on mineral absorbent material or absorbent pads. Collect and put into plastic bags and dispose of through waste disposal contractor. Rinse area with water

7 HANDLING AND STORAGE

Handling	Wear appropriate protective clothing to prevent skin and eye contact. Use in well ventilated area. Keep containers closed when not in use. Maintain a high standard of personal hygiene. Wash hands immediately after using product
Storage	Corrosive product. Store in cool, dry, well ventilated place out of direct sunlight. Store in closed containers. Store away from incompatible materials such as strong acids, strong alkalis, oxidising agents, aluminium and zinc. Ensure storage area is secure

8 EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Standards	None listed for product.
Engineering Controls	Ensure ventilation is adequate to maintain air concentrations below exposure standards.
Personal Protective Equipment	Wear overalls, chemical goggles or face mask, safety shoes or boots and impervious gloves. If mist or vapour exists wear respirator meeting the requirements of AS/NZS 1715/1716



9 PHYSICAL AND CHEMICAL PROPERTIES

Form	aqueous solution
Colour	Clear slightly straw coloured
Odour	Slight characteristic detergent odour
pH	< 1.00
Boiling point	> 100°C
Decomposition temperature	Not applicable
Auto ignition temperature	none
Flash point	Not applicable
Explosion limits	Not applicable
Specific Gravity	1.17
Surface tension	Not applicable
Solubility	Water solubility: completely soluble

10 STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions of storage, handling and use.
Conditions to Avoid:	None known
Incompatibilities Materials:	No information available for this product
Hazardous Decomposition Products:	No information available for this product
Hazardous Reactions:	No information available for this product

11 TOXICOLOGICAL INFORMATION

Ingestion	Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and bleeding. Can cause chemical burns to the mouth, oesophagus and gastrointestinal tract
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SAFETY DATA SHEET

CHESSER CHEMICALS

Eye	Risk of serious damage to eyes. Corrosive to eyes. Contamination of eyes can result in permanent injury or blindness if not treated promptly
Skin	Contact with skin will result in severe irritation. Corrosive to skin – may cause skin burns
Inhalation	Vapours and mist generated may cause irritation to the mucous membranes and upper respiratory tract
Chronic Effects	Prolonged or repeated exposure to this product will result in skin irritation and possibly result in dermatitis
Toxicological Data	None available for BioFresh Sanitiser.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No information found. The product is acidic. If large spills occurred a water pH drop could be responsible for an environmental effect on aquatic organisms
Ecotoxicity Data	No data available
	Considered readily biodegradable according to AS4351
	Avoid contaminating waterways

13 DISPOSAL CONSIDERATIONS

Waste from residues / unused products	Subject to disposal regulations US EPA 40 CFR 2 62.
Contaminated packaging	Clean container with water. Empty containers should be taken for local recycling, recovery or waste disposal

14 TRANSPORT INFORMATION

Land Transport & Sea Transport

UN Number	None allocated
Shipping Name	None allocated
Dangerous Goods Class	None allocated
Subsidiary Risk	Not applicable.
Pack Group	None allocated
Precaution for User	Irritant
Hazchem Code	None allocated

15 REGULATORY INFORMATION

Poisons Schedule	Not scheduled
EPG	Not applicable
AICS Name	All ingredients are on inventory

16 OTHER INFORMATION

Literature References	No data available.
Sources for Data	No data available.

Legend to Abbreviations and Acronyms

<	less than	m ³	cubic metre
>	greater than	mbar	millibar
AICS	Australian Inventory of Chemical Substances	mg	milligram
CAS	Chemical Abstracts Service (Registry Number)	mg/24H	milligrams per 24 hours
cm ²	square centimetres	mg/kg	milligrams per kilogram
CO ₂	Carbon Dioxide	mg/m ³	milligrams per cubic metre
COD	Chemical Oxygen Demand	Misc	miscible
deg C (°C)	degrees Celsius	Miscible	liquids form one homogeneous liquid phase regardless of the amount of either component present
ERMA	Environmental Risk Management Authority	mm	millimetre
G	gram	mPa.s	milli Pascal per second
g/cm³	grams per cubic centimetre	N/A	Not Applicable
g/l	grams per litre	NOHSC	National Occupational Health and Safety Commission
HSNO	Hazardous Substance and New Organism	OECD	Organization for Economic Co-operation and Development
IDLH	Immediately Dangerous to Life and Health	PEL	Permissible Exposure Limit
Immiscible	liquids are insoluble in each other	ppb	parts per billion
Kg	kilogram	ppm	parts per million
kg/m³	kilograms per cubic metre	ppm/2h	parts per million per 2 hours
LC₅₀	LC stands for Lethal Concentration. LC ₅₀ is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours.	ppm/6h	parts per million per 6 hours
LD₅₀	LD stands for Lethal Dose. LD ₅₀ is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.	RCP	Reciprocal Calculation Procedure
Ltr	Litre	STEL	Short Term Exposure Limit
		TLV	Threshold Limit Value
		tn	tonne
		TWA	Time Weighted Average
		ug/24H	micrograms per 24 hours
		UN	United Nations (number)
		Wt	weight



SAFETY DATA SHEET

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Product: **BioFresh SANITISER**

Date Issued: January 2024

CHESSER CHEMICALS

Date Prepared:

Monday 22nd January 2024

Version 1.2

Supersedes: Monday 25th March 2019

Update CHEMWATCH Phone Number

Update Dates



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