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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: CLEAR FRESH

HAZARDOUS according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

SIGNAL WORD: DANGER



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

RECOMMENDED PPE



Health hazards

H318

Causes serious eye damage

H315

Causes skin irritation

1 IDENTIFICATION

IDENTIFICATION

Product Code:	CLF
Product Name:	CLEAR FRESH
Other Names:	Not Applicable
Product Use:	Acidic cleaner for use in toilets and bathroom areas.
Restrictions on use:	Use as Directed; avoid contact with chlorine containing cleaners.

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 (GHS).

Classification of the substance or mixture:

Eye damage/irritation - Category 1
Skin corrosion/irritation - Category 2

SIGNALWORD: **DANGER**



Hazard Statements

Physical hazards

Health hazards

H318 Causes serious eye damage

H315 Causes skin irritation

General Precautionary Statements:

P102 Keep out of reach of children

Prevention Precautionary Statements:

P264 Wash hands thoroughly after handling

P280 Wear protective gloves and eye protection

Response Precautionary Statements:

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P310 Immediately call a POISONS INFORMATION CENTRE or a doctor.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P332+P313 If skin irritation occurs: Get medical advice.

P362+P364 Take off contaminated clothing and wash it before re-use.

Poisons Schedule (SUSMP): Not Scheduled

3 COMPOSITION

Ingredients

Chemical Entity	CAS Number	Proportion	Risk Phrases
Citric acid	[77-92-9]	1 - 10%	H315 H318 H335
Anionic Surfactant	[75534-59-7]	1- 5%	H302 H315 H318
Ingredients determined not to be hazardous		Balance	

4 FIRST AID MEASURES

HEALTH EFFECTS

Acute

Ingestion: If swallowed do NOT induce vomiting. Immediately wash out mouth with water. Seek urgent medical attention.

Eye: If in eyes, hold eye lids apart and flush 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 urgent medical attention.

Skin: If skin contact occurs, remove contaminated clothing and flush skin and hair with running water. Do not re-use contaminated clothing until washed. Seek medical attention.

Inhaled: Remove from contaminated area to fresh air. If problem persists seek urgent medical attention

First Aid Facilities: Eye wash and safety shower

Advice to Doctor Treat symptomatically. For advice contact a Poisons Information Centre (Phone Australia 131 126; New Zealand 0800 764 766).

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	Store in cool, dry, well ventilated place out of direct sunlight. Store in closed containers. Store away from incompatible materials such as chlorinated products, 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

Appearance:	Clear green viscous liquid.
Odour:	Citrus, zesty lemon fragrance
Boiling Point:	> 100°C
Melting Point:	N/A
Vapour Pressure:	N/A
Specific Gravity:	1.035
Flash Point:	N/A
Flammability Limits:	N/A
Solubility in Water:	completely soluble at use proportions
Other Properties:	pH 2.0

10 STABILITY AND REACTIVITY

Stability:	Stable under ordinary conditions of use and storage.
Hazardous Decomposition Products:	Will emit chlorine gas when mixed with chlorinated products
Hazardous Polymerization:	Will not occur.
Incompatibilities:	Strong alkalis and oxidising agents
Conditions to Avoid:	Reacts violently with caustic and evolves chlorine gas if mixed with chlorine bleach. Attacks aluminium, tin, zinc and concrete

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
Eye	Risk of serious damage to eyes. Contamination of eyes can result in permanent injury or blindness if not treated promptly
Skin	Contact with skin will result in irritation.
Inhalation	Vapours and mist generated may cause severe 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 Clear Fresh.



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
Considered readily biodegradable according to AS4351
Avoid contaminating waterways

13 DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. Dispose of material through licensed waste contractor. Assure conformity with all applicable regulations.

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	None known
Hazchem Code	None allocated

15 REGULATORY INFORMATION

Poisons Schedule	Not scheduled
EPG	Not a dangerous good
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	Ltr	Litre
>	greater than	m ³	cubic metre
AICS	Australian Inventory of Chemical Substances	mbar	millibar
CAS	Chemical Abstracts Service (Registry Number)	mg	milligram
cm²	square centimetres	mg/24H	milligrams per 24 hours
CO₂	Carbon Dioxide	mg/kg	milligrams per kilogram
COD	Chemical Oxygen Demand	mg/m ³	milligrams per cubic metre
deg C (°C)	degrees Celsius	Misc	miscible
ERMA	Environmental Risk Management Authority	Miscible	liquids form one homogeneous liquid phase regardless of the amount of either component present
G	gram	mm	millimetre
g/cm³	grams per cubic centimetre	mPa.s	milli Pascal per second
g/l	grams per litre	N/A	Not Applicable
HSNO	Hazardous Substance and New Organism	NOHSC	National Occupational Health and Safety Commission
IDLH	Immediately Dangerous to Life and Health	OECD	Organization for Economic Co-operation and Development
Immiscible	liquids are insoluble in each other	PEL	Permissible Exposure Limit
Kg	kilogram	ppb	parts per billion
kg/m³	kilograms per cubic metre	ppm	parts per million
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/2h	parts per million per 2 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.	ppm/6h	parts per million per 6 hours
		RCP	Reciprocal Calculation Procedure
		STEL	Short Term Exposure Limit
		TLV	Threshold Limit Value
		tne	tonne
		TWA	Time Weighted Average
		ug/24H	micrograms per 24 hours
		UN	United Nations (number)
		Wt	weight

Date Prepared:



SAFETY DATA SHEET

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Product: **CLEAR FRESH**
Date Issued: February 2024

CHESSER CHEMICALS

Friday 9th February 2024 Version: 1.1 Supersedes: Wednesday 13th March 2019
Update CHEMWATCH Phone Number
Update Dates



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