

SAFETY DATA SHEET



CHESSER CHEMICALS Pty Ltd
124 Days Rd FERRYDEN PARK
South Australia 5010 Australia
Telephone +61 8 8406 0000
Facsimile +61 8 8406 0099
Email reception@chesserchemicals.com.au
ABN Number: 67 008 262 039

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: GALAXY OXY BLEACH

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

SIGNAL WORD: DANGER



 **Emergency Response No: 1800 951 288**

RECOMMENDED PPE



GLOVES



SAFETY GLASSES

Health hazards

H318

Causes serious eye damage

1 IDENTIFICATION

IDENTIFICATION

Product Code:	GOB
Product Name:	GALAXY OXY BLEACH
Other Names:	Not applicable
Product Use:	Oxygen laundry bleach for OPL system
Restrictions on use:	Use as Directed, use through electronic dispensing system

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

SIGNALWORD:

DANGER



Hazard Statements

Health hazards

H318

Causes serious eye damage

Environmental hazards

Other hazards

Precautionary statements

General precautionary statements

P102 Keep out of reach of Children

Prevention precautionary statements

P264 Wash Hands thoroughly after handling

P280 Wear protective gloves/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 POISON CENTRE or doctor/physician

Storage Precautionary Statements

P410+403 Protect from sunlight. Store in a well ventilated place

Poisons Schedule (SUSMP): S5

3 COMPOSITION

Ingredients

Chemical Entity	CAS Number	Proportion	Risk Phrases
Hydrogen peroxide solution	[7722-84-1]	1 - 5%	H314
Available Oxygen ~ 4.9%			

4 FIRST AID MEASURES

Inhalation: Remove victim from area of exposure - avoid becoming a casualty. Seek medical advice if effects persist.

Skin Contact: If skin contact occurs, remove contaminated clothing and wash skin with running water. If irritation occurs seek medical advice.

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. Seek medical advice.

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

Hazards from Combustion: Material does not burn

Precaution for Fire Fighters: Wear chemical splash suit and SCBA Non flammable – may evolve hydrogen and oxygen if strongly heated

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, metals and foodstuff. Ensure storage area is secure

8 EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Standards None listed for product. However exposure standards for Hydrogen Peroxide [NOHSC: 1003(1995)] are: Hydrogen Peroxide TWA 1ppm, 1.4mg/m³

Engineering Controls

Galaxy Oxy Bleach is dispensed via electronic feeding equipment. Use in well ventilated area and maintain levels below exposure standard.

Personal Protective Equipment

Wear chemical goggles or safety glasses and impervious gloves when using product & drum change over. If using large quantities, wear full chemical suit with face-shield, PVC apron and rubber boots.



9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear colourless liquid; with no odour
Boiling Point:	>100°C
Specific Gravity:	1.00
Flash Point:	N/A
Flammability Limits:	N/A
Solubility in Water:	Soluble
Other Properties	
pH (neat)	2.5

10 STABILITY AND REACTIVITY

- Chemical stability:** No information available.
- Conditions to avoid:** Avoid exposure to heat.
- Incompatible materials:** Incompatible with acids and most metals, strong alkalis and oxidising agents..
- Hazardous decomposition products:** Oxygen will intensify fire.
- Hazardous reactions:** Reacts with peroxides , metal salts , and reducing agents .
Reacts vigorously with acids liberating toxic oxygen gas.

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:

- Ingestion:** No adverse effects expected, however, large amounts may cause nausea and vomiting.
- Eye contact:** Will cause severe irritation. Prolonged contamination may result in permanent damage.
- Skin contact:** Contact with skin causes irritation.
- Inhalation:** Breathing in mists or aerosols may produce respiratory irritation.
- Long Term Effects** No information available for the product.
- Toxicological Data:** No LD50 data available for the product.

12 ECOLOGICAL INFORMATION

Ecotoxicity: Intrinsically safe to the environment

13 DISPOSAL CONSIDERATIONS

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



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Product: **GALAXY OXY BLEACH**

Date Issued: January 2024

14 TRANSPORT INFORMATION

Land Transport & Sea Transport

UN Number	None allocated
Shipping Name	Not Applicable
Dangerous Goods Class	None allocated
Subsidiary Risk	Not applicable.
Pack Group	None allocated
Precaution for User	None known
Hazchem Code	None allocated
Marine Pollutant	No

15 REGULATORY INFORMATION

Poisons Schedule	S5
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/cm ³	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/m ³	kilograms per cubic metre	ppm/2h	parts per million per 2 hours
LC ₅₀	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
LD ₅₀	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
		tne	tonne
		TWA	Time Weighted Average
		ug/24H	micrograms per 24 hours
		UN	United Nations (number)
		Wt	weight

Date Prepared:

Monday 15th January 2024

Version: 1.2

Supersedes Friday 29th March 2019

Update date



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 FERRYDEN PARK SA 5010

Telephone: (08) 8406 0000

Facsimile: (08) 8406 0099

e-Mail: reception@chesserchemicals.com.au