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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: BLEACH

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



GLOVES



SAFETY GLASSES

Health hazards

H318

Causes serious eye damage

H315

Causes skin irritation

AUH031

Contact with acids liberates toxic gas

1 IDENTIFICATION

IDENTIFICATION

Product Code:	BLC
Product Name:	BLEACH
Other Names:	Not applicable
Product Use:	Chlorinated laundry bleach and sanitiser
Restrictions on use:	Use as Directed, do NOT mix with acids

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:

Skin Corrosion/Irritation - Category 2
Eye Damage/Irritation - Category 1

SIGNALWORD:

DANGER



Corrosion

Hazard Statements

Health hazards

H318 Causes severe eye damage.
H315 Causes skin irritation.

Environmental hazards

H402 Harmful to aquatic life

Other hazards

AUH031 Contact with acids liberates toxic gas

Precautionary statements

General precautionary statements

P102 Keep out of reach of Children

Prevention precautionary statements

P261 Avoid breathing fumes, mists or sprays.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/eye protection

Response Precautionary Statements

P305+P351+P338 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 CENTRE or doctor.
P302+P352 IF ON SKIN: wash with plenty of soap and water.
P332+P313 If skin irritation occurs: Get medical advice.
P321 Specific treatment (see first aid in this SDS)
P362+P364 Take off contaminated clothing and wash it before re-use.

Storage Precautionary Statements

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

Disposal precautionary statements

None allocated

Poisons Schedule (SUSMP):

S5

3 COMPOSITION

Ingredients

Chemical Entity	CAS Number	Proportion	Risk Phrases
Sodium hydroxide	[1310-73-2]	<1%	H314
Sodium hypochlorite	[7681-52-9]	1-<5%	H314
WATER	[7732-18-5]	> 60%	
< 5% available chlorine			



4 FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

- 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.

Medical attention and special treatment: Treat symptomatically. Do not use acid antidote in the treatment of sodium hypochlorite poisoning. Sodium thiosulfate immediately reduces hypochlorite to non-toxic products but may produce hydrogen sulphide in contact with acid.

5 FIRE FIGHTING MEASURES

- Hazards from combustion products:** Non-combustible material.
- Precautions for fire fighters and special protective equipment:** Decomposes on heating emitting toxic fumes, including those of chlorine. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.
- Suitable Extinguishing Media:** Not combustible, however, if material is involved in a fire use: Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

6 ACCIDENTAL RELEASE MEASURES

Emergency procedures: If contamination of sewers or waterways has occurred advise local emergency services.

Methods and materials for containment and clean up: Slippery when spilt. Avoid accidents, clean up immediately. 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.

7 HANDLING AND STORAGE

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

Conditions for safe 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. Keep containers closed when not in use - check regularly for leaks.

Precautions for safe handling: Avoid skin and eye contact and breathing in vapour, mists and aerosols.

8 EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational Exposure Limits: No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for decomposition product(s): Chlorine: Peak Limitation = 3 mg/m³ (1 ppm)

As published by the National Occupational Health and Safety Commission.

Peak Limitation - a ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes. These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to 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.

Engineering controls: Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

Personal Protective Equipment: The selection of PPE is dependant on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

Personal Protection Equipment

EYES: Safety glasses with side shields (AS1336/1337)

HANDS: Wear rubber or PVC gloves (AS2161).





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CLOTHING: Long-sleeved protective clothing and safety footwear (AS3765/2210).
Work Hygienic Practices: No Data Available

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Pale Yellow - Green
Odour:	Slight Chlorine
Solubility:	Miscible in water.
Specific Gravity:	1.065-1.085 @ 20°C
Relative Vapour Density (air=1):	Not available
Vapour Pressure (20 °C):	Not available
Flash Point (°C):	Not applicable
Flammability Limits (%):	Not applicable
Autoignition Temperature (°C):	Not applicable
Boiling Point/Range (°C):	>100
pH:	Not available

10 STABILITY AND REACTIVITY

Chemical stability:	No information available.
Conditions to avoid:	Avoid exposure to heat.
Incompatible materials:	Incompatible with acids and most metals
Hazardous decomposition products:	Chlorine.
Hazardous reactions:	Reacts with peroxides, metal salts, and reducing agents. Reacts vigorously with acids liberating toxic chlorine 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:	Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and bleeding. Can cause chemical burns to the mouth, oesophagus and gastrointestinal tract.
Eye contact:	Will cause severe irritation and chemical burns. Corrosive to eyes. Prolonged contamination can result in permanent injury or blindness.
Skin contact:	Contact with skin may result in irritation. Prolonged contact may cause skin burns.
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: No information found. 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	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



SAFETY DATA SHEET

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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	m³	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
cm²	square centimetres	mg/kg	milligrams per kilogram
CO₂	Carbon Dioxide	mg/m³	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
		tne	tonne
		TWA	Time Weighted Average
		ug/24H	micrograms per 24 hours
		UN	United Nations (number)
		Wt	weight

Date Prepared:

Thursday 29th February 2024 Version: 1.3 Supersedes: Wednesday 11th August 2021

Update. DATES

Update CHEMWATCH phone number



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