

SDS Number: C0048

Revision Date: 14 December 2022

1 PRODUCT & COMPANY IDENTIFICATION

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POISONS INFORMATION CENTRE: 13 11 26 (Australia)

PRODUCT NAME: Bleach – Hospital Grade
PRODUCT CODE: UCWB1L, UCWB5L
REVISION DATE: 14 December 2022 (Valid for 5 years)
RECOMMENDED USE: Hospital grade liquid bleach for commercial and domestic use.

2 HAZARDS IDENTIFICATION

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

HAZARD CATEGORIES: Eye Irritation: Category 2
Skin Irritation: Category 2



GHS SIGNAL WORD: **WARNING**

HAZARD STATEMENTS:

H315: Causes skin irritation.
H319: Causes serious eye irritation.
AUH031: Contact with acid liberates toxic gas.
H401: Toxic to aquatic life.

PRECAUTIONARY STATEMENTS:**GENERAL:**

P102: Keep out of reach of children.
P103: Read label before use.
P104: Read safety data sheet before use.

PREVENTION:

P233: Keep container tightly closed.
P264: Wash skin thoroughly after handling.
P270: Do not eat, drink, or smoke when using this product.
P273: Avoid release to the environment.
P280: Wear protective gloves/eye protection/face protection.

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RESPONSE:

- P101: IF medical advice is needed, have product container or label at hand.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P337+P317: If eye irritation persists: Get help.
- P302+P352: IF ON SKIN: wash with plenty of water.
- P332+P317: IF SKIN irritation occurs: Get medical help.
- P362+P264: Take off contaminated clothing and wash before reuse.

STORAGE:

- P403+P235: Store in a well - ventilated place. Keep cool.

DISPOSAL:

- P501: Dispose of contents and containers to landfill.

3 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:	CAS#	CONC%
Sodium Hypochlorite 10% Solution	7681-52-9	38-42
EXCIPIENTS		To 100%

4 FIRST AID MEASURES

- INHALATION:** Remove from source, ensure airway is clear, administer oxygen by qualified personnel if required. If symptoms worsen seek medical attention.
- SKIN CONTACT:** Remove contaminated clothing, wash skin with soap and water. Discard or wash clothing before reuse. Seek medical attention for skin irritations.
- EYE CONTACT:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Avoid contaminating unaffected eye. Seek immediate medical attention. For advice, contact Poisons Information Centre: 13 11 26.
- INGESTION:** DO NOT induce vomiting. Remove product from mouth and rinse mouth with water. Seek immediate medical attention. For advice, contact Poisons Information Centre: 13 11 26.
- ADDITIONAL INFO:** Eye wash and safety shower should be available adjacent to the work area.
Treat according to symptoms.

5 FIRE FIGHTING MEASURES

Shut off product that may 'fuel' a fire if safe to do so. Allow trained personnel to attend a fire in progress, providing firefighters with this Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.

HAZCHEM CODE:	Not applicable
EXTINGUISHING MEDIA:	Use extinguishing media appropriate for the surrounding environment.
HAZARDOUS DECOMPOSITION PRODUCTS:	This product is non-flammable. May produce Toxic and/or irritating fumes if involved in fire. Containers may rupture or explode if involved in a fire. Use water spray to keep containers cool if possible.
SPECIAL PROTECTIVE EQUIPMENT OR PRECAUTIONS:	Wear self-contained breathing apparatus (SCBA) and complete protective clothing.

6 ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURE:	Wear suitable protective equipment for any cleanup of large spills. Contain with absorbent material.
ENVIRONMENTAL PRECAUTIONS:	
SPILLS / CLEANUP:	Product is sold in small packages, and therefore accidental release is not normally a cause for concern. Product is slippery when spilt. Restrict access to area until completion of cleanup. Stop leak if safe to do so. Contain spill with absorbent material, such as towels, sand, vermiculite, or another inert material. Prevent spill entering sewers or waterways. Collect and dispose of spilled material according to local regulations. Wash away any remnants with copious amounts of cold water.

7 HANDLING & STORAGE

HANDLING PRECAUTIONS:	Contact Concept Laboratories Pty Ltd sales representative for advice when using this product for any other application other than outlined on the label or technical bulletin. Any non-intended or non-authorized use of this product may result in personal injury or damage to equipment. Store product in original container.
HANDLING & STORAGE:	Store in cool, dry, well-ventilated area. Store below 30°C. Do not expose containers to open flame, incompatible materials, excessive heat, or direct sunlight. Keep container tightly sealed. Handle with care. DO NOT ingest. Wash hands after handling especially before eating drinking or smoking.
INCOMPATIBLE MATERIALS:	Strong oxidizing agents and acids.

8 EXPOSURE CONTROL/PERSONAL PROTECTION

EXPOSURE STANDARDS:

VENTILATION: Use in a well-ventilated area

ENGINEERING CONTROLS:

PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE: Safety glasses with side shield, face shield or goggles compliant with AS/NZS1337.
 Ensure eye wash is available.

SKIN: Wear protective clothing, including chemical resistant apron compliant with AS/NZS 2919.

Wear appropriate impervious gloves. Refer AS/NZS 2161.1

Ensure wash down facility or shower are available.

RESPIRATORY: Avoid breathing fumes, if inadequate ventilation or when handling bulk quantities suitable respiratory protection should be used compliant with AS/NZS 1715 & 1716.

9 PHYSICAL & CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid	COLOUR:	Clear
APPEARANCE:	Clear colourless thin liquid	BOILING POINT (°C):	100
ODOUR:	Lemon	pH:	N/A
SPECIFIC GRAVITY:	1.062	WATER SOLUBILITY:	Soluble

10 STABILITY & REACTIVITY

- REACTIVITY:** The product will react with acids to produce chlorine gas.
- CHEMICAL STABILITY:** Product is stable under normal ambient conditions.
- CONDITIONS TO AVOID:** Avoid heat, sparks, high temperatures (store below 30°C) and direct sunlight.
 Protect against physical damage.
- MATERIAL TO AVOID:** Strong oxidizing agents.
- HAZARDOUS DECOMPOSITION:** Burning can produce toxic and irritating fumes including oxides of carbon and sulphur. Heating can cause expansion of containers or decomposition leading to violent rupture of containers.
- HAZARDOUS REACTIONS:** Hazardous oxidation will not occur.

11 TOXICOLOGICAL INFORMATION**HEALTH EFFECTS**

- INHALATION:** May cause irritation of nose throat and respiratory system.
- INGESTION:** Accidental ingestion of the material may be damaging to the health of the individual.
- SKIN CONTACT:** May cause skin irritation. Repeated exposure can cause contact dermatitis which is characterized by redness, swelling and blistering.
- EYE CONTACT:** Severe eye irritant. Risk of serious eye damage, symptoms include severe pain, stinging, blurred vision and possible corneal damage. Severe inflammation may be expected with pain.

TOXICITY DATA

Calculated toxicity of product undiluted based on ingredient data:

- ACUTE TOXICITY:** Sodium Hypochlorite 10% Solution:
Dermal (rabbit) LD50: >10000 mg/kg[1]
Oral (rat) LD50: >237 mg/kg[1]
Eye Irritation (rabbit): 10 mg – moderate
Eye (rabbit): 100 mg – moderate
Skin (rabbit): 500 mg/24h-moderate

12 ECOLOGICAL INFORMATION

- ECO TOXICITY:** Individual components are biodegradable. Product degrades rapidly when mixed with water. Product is miscible in all proportions with water. As with any chemical product, do not discharge bulk quantities into drains, waterways, sewer or environment. Inform local authorities if this occurs.

PERSISTANCE &

- DEGRADABILITY:** Low
- MOBILITY IN SOIL:** Low

13 DISPOSAL CONSIDERATIONS

- DISPOSAL METHOD:** Refer to State/Territory Land Waste Management Authority.

14 TRANSPORT INFORMATION

NOT Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods (ADG) Code.
NOT Classified as Dangerous Goods by the criteria of the Sea transport (IMDG) Code.
NOT Classified as Dangerous Goods by the criteria of the Air Transport (IATA) Code.

UN NUMBER: Not applicable.

UN PROPER

SHIPPING NAME: Not applicable.

CLASS &

SUBSIDIARY RISK: Not applicable.

PACKING GROUP: Not applicable.

EM-S CODE: Not applicable.

SPECIAL PRECAUTIONS

FOR USER: Not applicable.

HAZCHEM CODE: Not applicable.

15 REGULATORY INFORMATION

POISONS SCHEDULE (SUSMP): 5

16 OTHER INFORMATION

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

Please read all labels carefully before using this product.

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This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals- Code of Practice" (July 2020)