Bleach 4%
SAFETY DATA SHEET

Section 1. IDENTIFICATION

Bleach 4% Concentrate

Description /Use: Bleaching and Sanitising Agent **Product Code/s:** FL848 (1L), FL849 (5L)
Supplier Code: 8-311-01000 (1L), 8-311-05000 (5L)

Business Name: Made by Zexa
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Issue Date: 29th April 2026 **Review Date:** 29th April 2031

Use only according to directions on product spec sheet and label.

Poisons Information Centre: Australia 13 11 26 NZ: 0800 764 766

Section 2. HAZARDS IDENTIFICATION

Statement of Hazardous Nature
This material is classified as hazardous according to the criteria of Safe Work Australia (SWA).

GHS Classification
Eye Damage (Category 2)
Skin Irritation (Category 2)
Signal Word: **WARNING**



Hazard Statements:
Causes skin irritation / serious eye irritation

PRECAUTIONARY STATEMENT:
Do not breathe mists or vapour. Wash hands thoroughly after handling. Wear protective gloves, protective clothing and eye/face protection.

PREVENTION:
P102: Keep out of reach of children.
P103: Read label before use.
P234: Keep only in original container.
P260: Do not breathe fumes, mists, vapours or spray.
P262: Do not get in eyes, on skin, or on clothing.
P264: Wash hands and face thoroughly after handling.
P280: Wear protective gloves, protective clothing and eye or face protection.
RESPONSE:
P101: If medical advice is needed, have product container or label at hand.
P363: Wash contaminated clothing before reuse.

P301+P310+P330+P331: IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. Rinse mouth. Do NOT induce vomiting.
P303+P361+P353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313: If skin irritation occurs: Get medical advice.
P337+P313: If eye irritation persists: Get medical advice.
P390: Absorb spillage to prevent material damage.
P391: Collect spillage.
P370+P378: Not combustible. Use extinguishing media suited to burning materials. Water fog or fine spray is the preferred medium for large fires.

STORAGE

P406: Store in corrosive resistant container with a resistant inner liner.
P402+P404: Store in a dry place. Store in a closed container.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.

DISPOSAL

P501: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. If they cannot be recycled, dispose of contents to an approved waste disposal plant and containers to landfill (see Section 13 of this SDS).

Section 3. COMPOSITION INFORMATION

Ingredient Name	CAS No	Proportions
Water	732-18-5	>90%
Sodium hypochlorite	7681-52-9	4.00 %
Sodium hydroxide	130-73-2	Less than 0.10%

Other ingredients determined not to be hazardous or below concentration cut-off to 100

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Section 4. FIRST AID

Inhalation: Move victim to fresh air. If symptoms develop, seek medical advice.

Swallowed: Flush mouth with water. DO NOT induce vomiting. Get immediate medical attention.
For advice, call the POISONS INFORMATION CENTRE
Eye Contact: Immediately rinse with plenty of water for at least 15 minutes, holding eyelids open. Remove contact lenses if present and easy to do. Continue rinsing.
For advice, call the POISONS INFORMATION CENTRE

Skin Contact: Wash skin with plenty of water. Remove contaminated clothing and wash before reuse.

Symptoms caused by exposure: Irritating and burning sensation after contact.

Medical attention and special treatment: No Specific treatment. Treat symptomatically.

Section 5. FIRE FIGHTING MEASURES

This product is not flammable under the conditions of storage and use and does not support combustion.

Extinguishing Media: Use the extinguisher appropriate to the principal fire hazard or to the source of the fire.

Specific Hazards: None known.

Hazardous Combustion Products: If this product is involved in a fire, the water contained in it may evaporate, leaving a residue which may combust. During combustion, the residue may produce carbon monoxide as well as other unidentifiable organic compounds.

Protective Equipment: Fire fighters are to wear protective equipment appropriate to the principal fire hazard or the source of the fire. No special protective equipment required if this product is involved in a fire.

Flash Point: This product will not flash and does not support combustion.

Flammability: This product is not flammable under the conditions of use and does not support combustion.

Section 6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Note: spillages are slippery. Wear appropriate protective equipment. Cordon off the spillage area. Isolate the source of the spillage or leak. Contain the spillage using a suitable non-flammable absorbent material such as sand or diatomaceous earth and then transfer into sealed plastic containers for disposal.

Section 7. HANDLING AND STORAGE

Store in plastic containers in a clean, dry, cool, well ventilated place away from foodstuffs and acids. Keep containers sealed when not in use. It is recommended that this product be dispensed through approved dispensers.

Precaution for safe handling – observe good personal hygiene practices and recommended procedures. Wash hands thoroughly after handling. Avoid contact with eyes, skin and clothing. When using, do not eat, drink or smoke.

Section 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National Exposure

No value assigned by NOHSC for any ingredients used in this product.

Individual Protection Measures
Not required under normal conditions of use. The following Australian Standards provide general advice regarding safety clothing and equipment:
Respiratory equipment: AS/NZ 1715; Protective gloves: AS2161; Occupational Protective Clothing: AS/NZS 4501 2008; Industrial Eye Protection: AS 1336 and AS/NZS 1337; Occupational Protective Footwear: AS/NZS 2210.

No special equipment is usually needed when handling small quantities. The following are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Eye and face protection: safety glasses or chemical resistant goggles should be worn to prevent eye contact. It is also recommended to provide eyebath or eyewash facilities in an area close to where the product is being used.
Skin protection: Information at hand indicates that this product is not harmful and normally no special skin protection is necessary. However, we suggest that you routinely avoid skin contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.
Respiratory protection: Not normally needed. If significant vapours or mists are generated, use an appropriate respirator in accordance with AS/NZS 1715.

Engineering Controls: Natural ventilation adequate under normal conditions of use.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid	**Colour:**	Pale Yellow-Green
Flashpoint (ºC):	Not applicable	**Boiling Point (ºC):**	100°C
Flammability Limits (%):	Not flammable	**Vapour Pressure:**	Not available
Water Solubility:	Complete	**Specific Gravity:**	1.03
pH:	11 – 12	**Odour:**	Slight Chlorine

Section 10. STABILITY AND REACTIVITY

Reactivity:	Hazardous polymerization will not occur
Stability:	Considered stable. For extended storage life, store below 30°C and keep out of direct sunlight.

Hazardous Polymerisation: Will not occur.

Materials to Avoid: Strong oxidising agents. Acids

Conditions to Avoid: No known conditions to avoid.

Section 11. TOXICOLOGY INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label.

Information on Route of Exposure Acute Toxicity:

Ingestion: No effects known
Eye Contact: No effects known
Skin Contact: No effects known
Inhalation: In large amounts can cause headache, nausea and mucous membrane irritation
Skin Corrosion/Irritation: Not classified
Serious Eye Damage/Irritation: Not classified
Respiratory or Skin Sensitisation: Not classified
Germ Cell Mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive Toxicity: Not classified
Specific Target Organ Toxicity (STOT) – Single Exposure: Not classified
Specific Target Organ Toxicity (STOT) – Repeated Exposure: Not classified
Aspiration Hazard: Not classified
Immediate, Delayed or Chronic Health Effects From Exposure: None known

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity: No product data available.
Persistence and Degradability: Not readily biodegradable.
Bioaccumulative Potential: Low bioaccumulation potential.
Mobility in Soil: Low sorption to soil/sediment, moderate migration to ground

Section 13. DISPOSAL CONSIDERATIONS

Disposal methods: Refer to Waste Management Authority. Dispose of contents/container in accordance with Local/regional/national/international regulations.

Section 14. TRANSPORT INFORMATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code for transport by Road and Rail.

UN Number:	Not Applicable
Proper Shipping Name or Technical Name:	Not Applicable
Transport Hazard Class:	Not Applicable
Packing Group:	Not Applicable
Environmental hazards for Transport Purposes:	Not Applicable

None of the components of this product is considered by IMO to be a Marine Pollutant

Section 15. REGULATORY INFORMATION

All ingredients are listed in the Australia Inventory of Chemical Substances (AICS). This document has been produced in accordance with the requirements of the Globally Harmonised System of Classification and Labelling.

This SDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.

Section 16. OTHER INFORMATION

Abbreviations and acronyms:

ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail.

AICS: Australian Inventory of Chemical Substances.

CAS Number: Chemical Abstracts Service Registry Number.

GHS: Globally Harmonized System of Classification and Labelling of Chemicals.

HAZCHEM: An emergency action code of numbers and letters which gives information to emergency services.

HSIS: Hazardous Substances Information System.

IARC: International Agency for Research on Cancer.

NOHSC: National Occupational Health and Safety Commission.

NTP: National Toxicology Program (USA).

SDS: Safety Data Sheet

STEL: Short Term Exposure Limit.

SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons.

TWA: Time Weighted Average.

UN Number: United Nations Number.

Literature references:

- Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice (Safe Work Australia)
- GHS Hazardous Chemical Information List (Safe Work Australia)
- Guidance on the Classification of Hazardous Chemicals under the WHS Regulations. Safe Work Australia.
- Global Harmonized System of Classification and Labelling of Chemicals
- "Australian Exposure Standards"
- Australian Code For The Transport Of Dangerous Goods By Road And Rail
- Standard for the Uniform Scheduling of Medicines and Poisons
- Safety Data Sheets – individual raw materials – Suppliers.
- Approved Criteria for Classifying Hazardous Substances NOHSC:1008(1999)]
- Hazardous Substance Information System – National Worksafe Data Base.
- Hazardous Chemical Information System (HCIS).
- Implementation of the globally harmonised system of classification and labelling of chemicals (GHS).
- ECHA (European Chemicals Agency)