

SAFETY DATA SHEET (SDS)



Standard: Safe Work Australia - Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (GHS Rev. 7)

SECTION 1: IDENTIFICATION

Product Name	FUJIKLEEN Disinfectant Cleaner (Heavy Duty Super Concentrated)
Other Names	Alkaline Electrolyzed Water Disinfectant / Concentrated Potassium Carbonate Solution
Recommended Use	Heavy duty industrial degreaser, deep cleaner, and disinfectant for commercial (childcare, hospitality, facilities management) and domestic use.
Supplier Details	Fuji Services Pty Ltd Address: 6/688 Pittwater Road Brookvale NSW 2100 Telephone: 1300 33 23 23 Email: info@fujiservices.com.au Website: https://fujiservices.com.au
Emergency Telephone	Poisons Information Centre (Australia): 13 11 26 (24 hours)

SECTION 2: HAZARD(S) IDENTIFICATION

Classified as Hazardous according to the criteria of Safe Work Australia (GHS Revision 7).

GHS Classification	Skin Corrosion/Irritation - Category 1 Serious Eye Damage/Eye Irritation - Category 1
Signal Word	DANGER

Hazard Statements	H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage.
Precautionary Statements	P260: Do not breathe dust/fume/gas/mist/vapours/spray. P264: Wash hands thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P304+P340: IF INHALED: Remove person to fresh air and keep 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. P310: Immediately call a POISON CENTER (13 11 26) or doctor/physician. P363: Wash contaminated clothing before reuse. P405: Store locked up.

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Entity	CAS Number	Proportion (% w/w)
Water (Electrolyzed)	7732-18-5	> 95%
Potassium Carbonate (Food Grade)	584-08-7	< 5%

SECTION 4: FIRST-AID MEASURES

Inhalation: Remove victim to fresh air. Keep comfortable for breathing. Seek immediate medical advice if breathing difficulty occurs.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing. Seek medical attention immediately.

Eye Contact: Immediately flush eyes cautiously with running water for at least 15–20 minutes, holding eyelids open. Remove contact lenses if present and easy to do. Continue rinsing. Seek immediate medical advice/attention.

Ingestion: Rinse mouth thoroughly with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call Poisons Information Centre (13 11 26) or a physician immediately.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Water spray, carbon dioxide, dry chemical, or foam appropriate for surrounding fire.

Specific Hazards: Non-flammable, non-combustible liquid solution.

Protective Equipment for Firefighters: Firefighters should wear self-contained breathing apparatus (SCBA) and full chemical protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate personal protective equipment (goggles, chemical-resistant gloves, apron) to prevent contact with skin and eyes.

Environmental Precautions: Prevent concentrated bulk release from entering waterways, drains, or soil.

Clean-up Methods: Neutralize cautiously with mild acid (e.g., dilute vinegar or citric acid) or absorb with inert material (sand, earth). Mop up and flush area with copious amounts of water.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid direct contact with skin and eyes. Wear suitable PPE during handling and dilution. Wash hands thoroughly after use.

Conditions for Safe Storage: Store locked up in a cool, dry, well-ventilated location away from direct sunlight, strong acids, and light metals. Keep container tightly sealed when not in use. Keep out of reach of children.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

National Exposure Standards: No specific workplace exposure standards allocated for this mixture by Safe Work Australia.

Engineering Controls: Ensure adequate natural or mechanical ventilation during bulk handling and dilution.

Personal Protective Equipment (PPE):

- *Eye/Face Protection:* Tightly fitting safety goggles or face shield.
- *Skin Protection:* Chemical-resistant rubber or nitrile gloves, long sleeves, and apron during bulk transfer.
- *Respiratory Protection:* Avoid breathing mist or spray. Use a suitable respirator if mist formation is anticipated in enclosed areas.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, colourless liquid
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Odour	Odourless
pH Value	12.8 – 13.2 (High Alkaline Concentrate)
Boiling Point	Approx. 100 °C
Flash Point	Not Applicable (Non-flammable)
Solubility in Water	Completely Soluble
Specific Gravity (Water = 1)	~ 1.03 g/cm ³

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Exothermic reaction with strong acids.

Chemical Stability: Stable under normal conditions of storage and use.

Possibility of Hazardous Reactions: Neutralizes acids with generation of heat and carbon dioxide.

Incompatible Materials: Strong acids, active metals (aluminum, zinc, brass, copper).

Hazardous Decomposition Products: None under normal storage conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity: Non-toxic by inhalation or oral ingestion at working dilution levels. Concentrate exhibits corrosive properties.

Skin Corrosion/Irritation: Causes severe skin burns due to high pH.

Serious Eye Damage/Irritation: Causes serious eye damage. Risk of irreversible eye damage if untreated.

Carcinogenicity: Ingredients not listed as carcinogenic by IARC, NTP, or Safe Work Australia.

Chronic Effects: No known chronic adverse health effects when handled with proper protection.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Diluted solutions rapidly neutralize upon exposure to atmospheric carbon dioxide or organic material. High concentrated discharges may locally raise water pH.

Persistence and Degradability: Readily biodegradable. Leaves no synthetic toxic residues.

Bioaccumulative Potential: No bioaccumulation potential.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of contents and container in accordance with local, state, and national environmental regulations. Small spills or leftover concentrate should be neutralized or heavily diluted with water before drain disposal.

SECTION 14: TRANSPORT INFORMATION

ADG Code: Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

UN Number	UN 1719
Proper Shipping Name	CAUSTIC ALKALI LIQUID, N.O.S. (Potassium Carbonate Solution)
Dangerous Goods Class	Class 8 (Corrosive Liquid)
Packing Group	Packing Group III
Hazchem Code	2R

SECTION 15: REGULATORY INFORMATION

AICIS (Australian Industrial Chemicals Introduction Scheme): All ingredients are listed on the Australian Inventory of Industrial Chemicals (AIIC).

SUSMP (Poisons Standard): Classified under S5 / S6 Poison depending on final concentration thresholds.

WHS Regulations: Complies with Model Work Health and Safety Regulations 2022.

SECTION 16: OTHER INFORMATION

Date of Preparation	August 2026
Version	1.0 (GHS Rev. 7 Compliant - Heavy Duty)
Disclaimer	This SDS summarizes to the best of our knowledge the health and safety hazard information of the product and how to safely handle and use the

	product. Each user must review this SDS in the context of how the product will be handled.
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