

SAFETY DATA SHEET

KIWICARE[®]

Product Name: *Sorted Premium Bleach*

Print/View Date: 4/09/2020

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1. PRODUCT AND COMPANY INFORMATION

Product Name:	Sorted Premium Bleach
Relevant identified uses:	Liquid disinfectant containing hypochlorite
Molecular Formula:	Mixture
Supplier:	Kiwicare Corporation Limited
Street Address:	225 Maces Road, Bromley, Christchurch, 8062 New Zealand
Postal Address:	P.O Box 15050, Aranui, Christchurch, 8643 New Zealand
Telephone	+64 3 389 0778
Email:	info@kiwicare.co.nz
Website:	www.kiwicare.co.nz
Emergency Contact Numbers:	0800 764 766 (0800 POISON)
National Poisons Centre:	0800 764 766 (0800 POISON)

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2. HAZARDS IDENTIFICATION

HSNO Hazard Classification	Transport of Dangerous Goods Pictogram	GHS Pictogram	Signal word	Hazard statement code	Precautionary statement codes			
					Prevention	Response	Storage	Disposal
6.3A	Not applicable for the UN RTDG Model Regulations		Warning	H315	P103 P264 P280	P101 P301 + P310 P331	P405	P501
8.3A	Not applicable for the UN RTDG Model Regulations		Danger	H318	P102 P103 P280	P101 P305 + P351 + P338 P310	No storage statements	P501
9.1B			No signal word	H411	P103 P273	P391	No storage statements	P501

Signal word:

DANGER

Dangerous Goods:

Miscellaneous Dangerous Goods (Class 9)

Packaging Group:

III

Hazardous Substance (HSNO) Codes:

6.3A; 8.3A; 9.1B

Pictograms:



Hazard Statement:

H315: Causes skin irritation

H318: Causes serious eye damage

H411: Toxic to aquatic life with long lasting effects

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Precautionary Statements:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

P264: Wash exposed skin thoroughly after handling.

P273: Avoid release to the environment.

P280: Wear protective gloves and eye or face protection.

P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing if irritation persists.

P310: IF IN EYES: Immediately call a POISON CENTER or doctor/physician.

P331: Do NOT induce vomiting.

P391: Collect spillage.

P405: Store locked up.

P501: Rinse container and dispose to landfill or recycling where allowed. Any appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Notice 2017. Do NOT burn.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended Use: *See identifier in*

Appearance: *Tan/white granule*

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Ingredients

Ingredients	CAS #	Content %
Sodium hypochlorite	7681-52-9	< 5%
Other ingredients	NA (Mixture)	to 100 %

4. FIRST AID MEASURES

General information:	In case of accident, or if you feel unwell, seek medical advice (show the label where possible).
Ingestion:	Rinse mouth. Do NOT induce vomiting. Seek medical advice or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.
Eye Contact:	May cause serious eye damage. IF IN EYES: Immediately call the NZ Poisons Centre on 0800 764 766 or doctor/physician. Have bottle or product label at hand. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing until told to stop.
Skin Contact:	May cause skin irritation. Rinse skin with copious amounts of water and wash with soap and water. If skin irritation persists or you feel unwell seek immediate medical advice.
Inhalation:	Unlikely to present an inhalation hazard. If breathing problems develop, seek medical advice or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.
Advice for Medical Doctors:	This product is not an inhibitor of cholinesterase. Treat symptomatically.

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5. FIRE FIGHTING MEASURES

HAZCHEM code:	Not applicable.
Specific Hazards:	Reacts explosively with amines and methanol. When finely divided materials (e.g., sugar, wood dust and paper) are contaminated with solution they become more combustible when dry. Avoid reactions with acids and bisulfites. Minimise the use of water to prevent environmental contamination.
Suitable Extinguishing Media:	Appropriate fire extinguishers are Water, CO ₂ , Dry Chemical Powder or Alcohol resistant foam. Use extinguishing media appropriate to the surrounding conditions.
Fire Fighting Advice:	Fire fighters should wear full protective gear, including self-contained breathing apparatus (AS/NZS 1715/1716). Bund area with sand or earth to prevent contamination of drains or waterways. Dispose of fire control water or other extinguishing agent and spillage safely.
Hazardous Products of Combustion:	Decomposes on heating and produces toxic fumes of chlorine.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Prevent leakage or spillage if safe to do so.
Minor Spills (Up to 20 kg):	Clean up spills immediately, contain and absorb with sand, earth, inert material or vermiculite.

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Major Spills (more than 20 kg):

Neutralise with sodium metabisulfite or sodium thiosulfate. Increase ventilation.

Clean up spills immediately, contain and absorb with sand, earth, inert material or vermiculite. If spill does enter waterway contact local authority.

Collect in an appropriate sealable container for disposal in an approved landfill or incinerate at an authorised installation.

Wash spill area with large volumes of water.

7. HANDLING AND STORAGE

Precautions for safe handling:

Avoid prolonged or repeated contact with skin and eye. Avoid inhaling of vapours or mist.

Use in well ventilated area.

ALWAYS add material to water and NEVER water to material.

When handling product in drums, safety footwear should be worn, and proper handling equipment should be used. Always use good personal hygiene procedures when handling this product. Wash hands and face before eating, drinking or smoking. Clean equipment after use. Do not contaminate drains, sewers or waterways.

Conditions for safe Storage including incompatibilities:

Store in plastic containers.

Keep out of the reach of children. Store in original container in a cool, dry, ventilated place, away from direct heat of sunlight. Store away from foodstuffs, children and animals.

DO NOT store near acids. See Section 10.

DO NOT store on wooden floors.

Protection against fire and explosion:

Keep away from heat sources although the product has no flammability. The product may release toxic chlorine gas on decomposition.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:	See 'Exposure limits' below (Workplace Exposure Standards and Biological Exposure Indices 11 th edition)
Engineering Controls:	No special requirements when used as recommended.
Hand protection:	Wear chemical resistant gloves.
Eye protection:	Safety glasses with side shields or chemical goggles. Full face shield can be used for secondary protection.
Body protection:	Skin protection not ordinarily required beyond standard issue work clothes.
Respiratory Protection:	No special requirement when used as recommended. Respiratory protection (Type B-P filter) is recommended during prolonged exposure such as in the workplace.
General safety and hygiene measures:	Handle in accordance with good hygiene and safety practice. Wearing of closed work clothing is recommended. Minimise contact with the skin, eyes and clothing. Store work clothing separately.
Environmental Exposure Controls:	Minimise release to the environment. For bulk storage, an environmental assessment must be made to ensure compliance with local environmental legislation.

Exposure Standards:

Substance	Cas #	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
Sodium hypochlorite	7681-52-9	0.5	1.5 (as chlorine)	-	-

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Additional NZ EPA controls:

Additional Controls

Code	Section of HSNO Act	Control
Use restriction	77A	No person may use this substance as a pesticide, or veterinary medicine; however, this substance may be used in the formulation of a pesticide or veterinary medicine.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pale yellow liquid
Odour:	Chlorine (bleach) odour
Odour Threshold:	No data
pH Value:	11.3 – 13.0
Melting/freezing point:	No data
Boiling point (range):	100 °C
Flash Point:	Not applicable
Flammability:	Not applicable
Explosive limits:	Not applicable
Vapour pressure:	No data
Vapour density:	No data
Relative density:	1.058 – 1.068
Solubility:	Miscible
Partition coefficient:	No data
Auto-ignition temperature:	No data
Decomposition temperature:	No data
Viscosity:	No data

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10. STABILITY AND REACTIVITY

Stability & Chemical reactivity:	Stable under normal conditions of use. Solution will slowly decompose when exposed to heat and light.
Incompatibility or conditions to be avoid:	Contact with acids liberates toxic gases. See Section 7.
Corrosive Properties:	Corrosive to eyes.
Thermal Decomposition:	Hazardous products of combustion; see section 5 for details.

11. TOXICOLOGICAL INFORMATION

Hazard Classes	6.3A; 8.3A; 9.1B
Acute Toxicity:	<i>Acute oral LD₅₀ >5,000 mg/kg (rat).</i> <i>Acute dermal - No Data</i>
Aspiration hazard	May cause irritation on inhalation of mist, gas, or vapour
Skin corrosion/irritation:	Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product
Serious eye damage/irritation:	May cause serious eye damage
Respiratory or skin sensitisation:	May cause skin sensitisation and/or contact dermatitis
Germ cell mutagenicity:	No data available
Carcinogenicity:	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity:	No data available.
Specific organ toxicity – single exposure:	No data available

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Specific organ toxicity – repeated exposure: No data available

Narcotic effects: No data available.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

12. ECOTOXICITY INFORMATION

Ecological information of substance: 9.1B: 1 mg/L < EC₅₀/LC₅₀ ≤ 10 mg/L.
96h LC50 Fish – 0.032 mg/l
72h EC50 Algae – 0.018 mg/l

Bioaccumulation: BCF <1. Not likely to be Bioaccumulative

Soil Toxicity: No data

13. DISPOSAL CONSIDERATIONS

Waste treatment – recommendation: Treat and neutralise at an effluent treatment plant.
Any appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Notice 2017.

Container Disposal: Empty containers can be recycled or sent to landfill after cleaning if in compliance with local and national regulations.
DO NOT reuse containers.

14. TRANSPORT INFORMATION

Road, Rail; Marine and Air:

UN Number: 3082

Dangerous Goods Class: Class 9

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Hazchem Code:	Not applicable
Packaging Group:	III
Proper Shipping Name:	Environmentally hazardous substance, liquid, n.o.s. (contains Sodium Hypochlorite)
Segregation:	Not applicable

15. N.Z. REGULATORY INFORMATION

EPA HSNO Number:	HSR002530: Cleaning Products (Subsidiary Hazard) Group Standard 2017
HSNO Classifications:	6.3A; 8.3A; 9.1B
HSNO Controls:	Refer to HSR002530
HSNO Approved codes of Practice:	Refer to HSR002530

16. OTHER INFORMATION

SDS date of preparation: 04 / 09 / 2020

SDS date of revision: 04 / 09 / 2025

Emergency Contact:

Work Hours:	24 Hours:
Kiwicare Corporation	National Poisons Centre
225 Maces Road	PO Box 913
PO Box 15050	Dunedin
Christchurch	Tel: 0800 764 766 (POISON)
Tel: (03) 389 0778	
Fax: (03) 389 0669	

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All Safety Data Sheets are subject to review and should not be left longer than five years before and update is obtained.

For further information visit the Kiwicare web site, www.kiwicare.co.nz, or contact the supplier of the starting material.

The information in this document should be made available to all who may handle the product. For proper and safe use of this product, please refer to the product label.

This information is based on data believed by Kiwicare Corporation Limited to be accurate at the time of writing. It is given in good faith, but no warranty expressed or implied is made as to its accuracy, completeness or otherwise. Every person dealing with the materials referred herein does so at their own risk absolutely and must make independent determinations of suitability and completeness of information from all sources to ensure their proper use.

Attention is drawn to the application and safety instructions set out on the label. This sheet is not a substitute for safety, hazard or application instructions set out on the label. As Kiwicare Corporation Limited and their distributors have no control over storage or use of this product no liability for accident or damage will be accepted.

Abbreviations:

ADR: European agreement concerning the international carriage of dangerous goods by Road.

CLP: Classification, Labelling and Packaging

IMDG: International Maritime Dangerous Goods.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organisation

RID: Regulations concerning the International carriage of Dangerous goods by rail.

GHS: Global Harmonized System

EU: European Union

EC: European Commission

TLV: Threshold Limit Value

TWA: Time Weighted Average

STEL: Short-Term Exposure Limit

H Phrase: Hazard phrase

P Phrase: Precautionary phrase

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