

Safety Data Sheet

Issued: 20 October 2017

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BLEACH 4%

1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: BLEACH
Other Names: None
Manufacturer's Product Code:
Product Use: Cleaner, Whitener and sanitiser for cleaning

SUPPLIER DETAILS

Company: Briskleen Supplies Pty. Ltd.
Address: 38 Mulgool road Malaga, WA. 6090
Telephone: 08 9249 4566 Facsimile: 08 9249 4568
Web: www.briskleen.com.au
Email: accounts@briskleen.com.au

Emergency Telephone Number: 131 126 (Aust wide)

2 HAZARDS IDENTIFICATION

Not classified as hazardous according to criteria of Safe Work Australia. Not classed as Dangerous Goods.

Bleach contains not more than 5% available chlorine

3 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:

Chemical Entity:	CAS No.:	Proportion:
Sodium hypochlorite	7681-52-9	<10%
Sodium chloride	7647-14-5	< 10%
Sodium hydroxide	1310-73-2	<0.5%
Water	7732-18-5	>100%

4 FIRST AID MEASURES

Poisons Information Centre: Phone 131 126

Swallowed: If poisoning occurs, contact a doctor or Poisons Information Centre. If swallowed, do NOT induce vomiting. Give a glass of water. Rinse mouth with water. Never give anything by mouth to an unconscious person.

Eye: Immediately hold the eyes open and wash continuously for at least 15 minutes with fresh running water. Ensure irrigation under eyelids by occasionally lifting the upper and lower lids. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin: Remove any contaminated clothing and flush area with water. Seek medical attention in the event of irritation.

Inhaled: Risk of side-effects from inhalation is considered to be low, but if effects occur, remove patient to fresh air. Lay patient down and keep warm and rested. If breathing is shallow or has

stopped, ensure clear airway and apply resuscitation. Call a doctor.

5 FIRE FIGHTING MEASURES

Fire/Explosion Hazard: Neutral Cleaner is not combustible.

Fire Extinguishing Media: Water spray or fog. Foam. Dry chemical powder. Carbon Dioxide.

Special fire fighting procedures: None.

Unusual fire hazards: None.

Hazardous products of combustion: Thermal decomposition in a large fire may yield toxic fumes.

6 ACCIDENTAL RELEASE MEASURES

Clean up all spills immediately. Contain spill and mop up.

If spilled on clothing, it should be removed and laundered before re-use.

7 HANDLING AND STORAGE

Storage and Transport: No restrictions on storage or transport.

Incompatibility (materials to avoid for purposes of transport, handling and storage only): Avoid storage with acids, oxidising agents, reducing agents, metals, and metallic salts

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: None assigned for this product

Atmospheric containment exposure standard for

Chlorine (a potential decomposition product)

CAS No 7782-50-5 TWA = 1 ppm peak limitation

(source safe work Australia)

Engineering Controls: Mechanical ventilation: Not required.

Personal Protection:

Gloves - Wear rubber gloves

Eye Protection - Safety glasses if risk of splashing

Respiratory - If inhalation risk cartridge type should be worn

Other - Not required.

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Respiratory – Not normally required, but wear an appropriate safety mask if exposed to concentrated vapour from product.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Very pale green liquid
 Odour: Faint chlorine odour
 pH = 10-11
 Vapour Pressure: N/K
 Vapour Density: N/K
 Boiling Point : 100°C
 Freezing Point: < 0°C
 Solubility in water: Completely miscible
 Specific Gravity (15°C) : 1.06
 Evaporation rate: As water
 % Volatile by vol: 85-95%

10 STABILITY AND REACTIVITY

Fairly Stable: The amount of available chlorine slowly decreases over time. Contamination with acids or contact with metal surfaces will promote the formation of toxic gas

Incompatible Materials: Acids. Bleach is corrosive to aluminium, zinc and tin.

11 TOXICOLOGICAL INFORMATION

Health Effects: Acute –

Swallowed: May cause slight irritation to the gastrointestinal tract.

Eye: May cause discomfort.

Skin: Repeated or prolonged contact may cause swelling, redness, blistering.

Inhalation: Over exposure can result in coughing and respiratory difficulty.

Health Effects: Chronic – Slightly hazardous in case of skin contact

Toxicity Data: for sodium hypochlorite-oral Id 50 : Acute: 5800mg/kg(mouse) 8910 mg/kg (rat)

(Note: this data is from published information. Briskleen does not carry out animal tests).

12 ECOLOGICAL INFORMATION

Ecotoxicity: No data available.

Persistence and degradability: .

Mobility: -

Advice: Avoid contaminating water ways

13 DISPOSAL CONSIDERATIONS

Refer to state land waste management authority

14 TRANSPORT INFORMATION

UN No.: - not reg	Class: -	Packg.Group: -	Hazchem
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15 REGULATORY INFORMATION

Poisons Schedule Number: Schedule 5

16 OTHER INFORMATION

AICS Listing: All components of Bleach are listed on the Australian Inventory of Chemical Substances (AICS)
 Date: This SDS issued: 20/10/2014

Abbreviations and Definitions of terms used:

<	less than
>	greater than
AICS	Australian Inventory of Chemical Substances
CAS	Chemical Abstracts Service (Registry Number)
COD	Chemical Oxygen Demand
deg C	Degrees Celsius
g	gram
g/L	grams per litre
HSIS	Hazardous Substance Information System
kg	kilogram
L	Litre
LC50	The concentration of a material (inhaled) that will be lethal to 50% of the test animals.
LD50	The dose (swallowed all at once) which is lethal to 50% of a group of test animals.
m ³	Cubic metre
mg	milligram
mg/m ³	milligrams per cubic metre
miscible	A liquid that mixes homogeneously with another liquid
N/A	Not applicable
N/K	Not Known
NIOSH	National Institute for Occupational Safety and Health
non-haz	Non- hazardous
PEL	Permissible Exposure Limit
ppb	Parts per billion
ppm	Parts per million
STEL	Short term exposure limit
TLV	Threshold Limit Value
TWA	Time Weighted average
UN	United Nations (Number)
wt	weight

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