

**BUSICLEAN
UNIT 8/86 BEECHBORO ROAD
BAYSWATER WA 6053**

EMERGENCY TELEPHONE (08) 9473 0333

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: BLEACH

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

IDENTIFICATION:

PRODUCT NAME:	BLEACH
UN NUMBER:	Not allocated
DANGEROUS GOODS CLASS:	Not allocated
SUBSIDIARY RISK:	Not allocated
HAZCHEM CODE:	Not allocated
POISONS SCHEDULE:	Not allocated

USE AND APPLICATION:

Bleaching agent, Cleaning agent, Disinfectant, Sanitiser

PHYSICAL DESCRIPTION/PROPERTIES:

FLAMMABILITY:	Non flammable
APPEARANCE/ODOUR:	Liquid/ Chlorine odour
EXPOSURE STANDARD (TWA):	1 ppm Chlorine
BOILING POINT:	100 C (Approximately)
VAPOUR PRESSURE:	18 mm Hg @ 20C
SPECIFIC GRAVITY:	1.0 (Approximately)
FLASH POINT:	Not relevant
MELTING POINT:	< 0 C
EVAPORATION RATE;	As for water
% VOLATILES:	>60% (water)
EXPLOSION LIMITS (%):	Not relevant
SOLUBILITY:	Soluble

OTHER PROPERTIES:

PH: Alkaline

INGREDIENTS:

	<u>Cas No</u>	<u>Proportion</u>
Sodium Hydrochlorite	7681-52-9	<10%
Water	7732-18-5	>60%

HEALTH HAZARDS:

EYE

Corrosive. Severe irritant, exposure may result in pain, redness, corneal burns and ulceration with possible permanent damage with prolonged contact.

INHALATION

Corrosive. Severe irritant. Over exposure may result in irritation, coughing and later a burning sensation of the upper respiratory tract. At high levels; ulceration, breathing difficulties, chemical pneumonitis and pulmonary oedema.

SKIN

Corrosive – irritant. Contact may result in skin rash, dermatitis, blistering and burns. Prolonged contact may result in severe burns and ulceration.

INGESTION

Corrosive – severe irritant – toxic. Ingestion may result in burns to the mouth and throat, with vomiting, ulceration and perforation of the gastrointestinal tract, breathing difficulties, circulatory collapse and coma.

SUMMARY

Severe irritant- corrosive-toxic. Avoid eye-skin contact and vapour inhalation. Over exposure to chlorine vapour may result in severe irritation and lung tissue damage. Upon dilution the potential for adverse health effects will be reduced.

PRECAUTIONS FOR SAFE USE:

PPE:

Wear coveralls, safety glasses /splash proof goggles and PVC/rubber gloves. Where heavy contamination is likely, wear a PVC apron and rubber boots. In poorly ventilated areas/ventilation risk, wear a full face type B (Inorganic and acid gas) respirator.

VENTILATION:

Do not inhale vapours. Use in well ventilated areas. In poorly ventilated areas, Mechanical extraction ventilation is recommended.

FLAMMABILITY:

Non flammable. May evolve highly toxic gasses (chlorine) when heated to decomposition.

REACTIVITY:

Incompatible (sometimes violently) with oxidising agents (eg peroxides), acids (especially hydrochloric – evolving chlorine gas), organic materials, reducing agents, metallic powders, amines, ammonia and heat sources.

FIRST AID

EYE

Flush gently with running water, holding eyelids open for 20 minute period. Seek immediate medical attention.

INHALATION

Leave area of exposure immediately. If symptoms occur, seek urgent medical attention. If assisting a victim, avoid becoming a casualty, wear a full-face Type B (Inorganic and acid gas) respirator or a full-face Air-line respirator (in poorly ventilated areas). If victim is not breathing, apply artificial respiration.

SKIN

Remove contaminated clothing and gently flush affected areas with water. Seek medical attention if irritation develops. Launder clothing before reuse.

INGESTION

If poisoning occurs, contact a Doctor or Poisons Information Centre on 131126 (Australia wide). Do not induce vomiting. Give glass of water to drink, seek urgent medical attention.

SAFE HANDLING PROCEDURES

STORAGE

Store in cool, dry, well ventilated area, removed from direct sunlight, oxidising agents, acids, reducing agents, organic materials, amines, ammonia, metals, heat sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage, sealed when not in use, vented and stored upright. Check regularly for

spills. Large storage areas should have appropriate ventilation systems.

TRANSPORT

Not regulated for transport purposes.

WASTE DISPOSAL

Add to large volume of reducing solution (eg thiosulfate, metabisulfite, but not carbon, sulfur or strong reducer) and acidify with 3M sulphuric acid. When reduction is complete, add mixture to water and neutralise. Absorb with sand or similar non-combustible material and dispose of to an approved landfill site. Contact Risk Management Technologies on (08) 9322 1711 for additional information.

EMERGENCY RESPONSE

SPILLAGE

If spilt (bulk), contact emergency services. Wear a faceshield, coveralls, PVC/rubber gloves, apron and boots. Where an inhalation risk exists, wear a Type B (Inorganic and acid gas) respirator. Ventilate and clear area of all unprotected personnel. Absorb spill with sand or similar non-combustible material, collect and place in sealable containers for disposal.

FIRE/EXPLOSION

Non flammable. Evacuate area and contact emergency services. Toxic gases (chlorine) may be evolved. Remain upwind and notify those downwind of hazard. Wear full protective equipment (see spillage above), including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

EXTINGUISH

Non flammable. Prevent contamination of drains or waterways, absorb runoff with sand or similar.

NOTE: The information contained in this bulletin is offered on data that we believe to be reliable and has been prepared in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control.

KEEP ALL CHEMICALS AWAY FROM CHILDREN

CONTACT POINT:

**THE MANAGER
BUSICLEAN
UNIT 8/86 BEECHBORO ROAD
BAYSWATER WA 6053**

EMERGENCY TELEPHONE:

(08) 9473 0333