

MATERIAL SAFETY DATA SHEET

Section 1: IDENTIFICATION

VIRACLOR

Recommended Use: Sanitiser
Product Code: 220056 (2x5L).



Whiteley Medical

A division of Whiteley Corporation Pty Ltd (A.C.N. 000 906 678)
Postal Address: P. O. Box 1076 North Sydney NSW 2059
Telephone Number: (02) 9929 9155 Facsimile: (02) 9929 9077
Emergency Telephone Number: Poisons Information Centre (National) 131126
Web: www.whiteley.com.au

Section 2: HAZARDS

Classified as hazardous by the criteria of Safe Work Australia.

Dangerous Goods Class 8 - Corrosive.

- R31: Contact with acids liberates toxic gas.
R36/38: Irritating to eyes and skin.
S28: After contact with skin, wash immediately with plenty of soap-suds.
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible).
S50: Do not mix with acids.

Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Ingredients deemed not to be hazardous	Not applicable	To 100%
Sodium Hypochlorite	7681-52-9	<10%

Section 4: FIRST AID

Eye (Contact)	Hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek medical attention.
Skin (Contact)	Remove contaminated clothing and flush skin and hair with running water. Seek medical advice if irritation occurs.
Inhalation(Breathing)	Remove victim from exposure. If breathing is difficult, oxygen may be administered by qualified personnel. If not breathing, apply artificial respiration. Seek medical attention.
Ingestion (Swallowing)	DO NOT induce vomiting. Rinse mouth with water if conscious and able to do so. Contact the Poisons Information Centre (Phone 131126) or a doctor.
Advice to Doctor	Treat symptomatically.
First Aid Facilities	Ensure an eye bath and safety shower are available and ready for use.

Additional Information No aggravated medical conditions are known to be caused by exposure to this product.

Section 5: FIREFIGHTING MEASURE

Suitable Extinguishing Media Not combustible. Keep containers cool with water spray. Use extinguishing media suited to the materials that are burning. eg. Dry chemical, CO₂ or water spray.

Hazards From Combustion Products May decompose upon heating, liberating toxic fumes including chlorine, hydrogen chloride and sodium oxides.

Precautions For Fire Fighters and Special Protective Equipment Firefighters must wear full protective clothing including self contained breathing apparatus and chemical splash suit. Remove from the vicinity containers not involved in the fire.

Additional Information Hazchem Code – 2X

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide (Guide 37) – for large volumes.

Spills / Clean up Clean up personnel should wear full protective clothing. Restrict access to area until completion of cleanup. Stop leak if safe to do so. Contain spill with absorbent material, such as sand, vermiculite or other inert material. Collect and dispose of spilled material according to local regulations. Wash away remnants with copious amounts of cold water. Clean area by working from the periphery to the centre of spill or from the edge of the room to the centre.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling Contact Whiteley Corporation sales representative for advice when using this product for any application other than that outlined on the label or technical bulletin.
Any non-intended or non-authorized use of this product may result in severe personal injury or damage to equipment.
Store product in original container.
Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.

Conditions for Safe Storage Store in a cool, well ventilated area out of direct sunlight. Store away from incompatible materials. Keep containers closed at all times and store upright with vent at top.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

National Exposure Standards – Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003].

<u>Ingredient</u>	<u>CAS No</u>	<u>ES-TWA</u>	<u>ES-STEL</u>
None available	-----	-----	-----

Biological Limit Values Not available.

Engineering Controls Ensure adequate ventilation to keep airborne concentrations below exposure standards.

Personal Protective Equipment

Eye/face protection – Safety glasses or chemical resistant goggles should be worn to prevent eye contact.

Skin protection – Use nitrile rubber gloves, chemical resistant boots and overalls to prevent skin contact.

Respiratory protection – Not usually required. If using the product in confined spaces or there is the potential for the generation of mists wear an approved respirator such as multi-purpose combination (US) or type ABEK (EN 14387).

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance Clear pale yellow liquid

Boiling Point approximately 100°C

Odour Chlorine

Freezing Point approximately 0°C

pH >12

Solubility Soluble in water.

Specific Gravity 1.1

Flash Point Not Applicable.

Vapour Pressure Not Available.

Upper and Lower Flammability limits (in air) Not Applicable.

Vapour Density Not Available.

Ignition Temperature Not Applicable.

Section 10: STABILITY AND REACTIVITY

Chemical Stability

Decomposes over time and in sunlight.

Conditions to avoid

Avoid high temperatures (store below 30°C). Protect against physical damage.

Incompatible materials

Incompatible with acids, peroxides, metal salts, reducing agents and combustible materials.

Hazardous decomposition products

Chloride and chlorine gas may be released.

Hazardous reactions

Contact with acids liberates toxic gas.

Section 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

Acute

Swallowed Swallowing can result in severe irritation and damage to the mouth, throat and gastrointestinal tract. May cause pain, inflammation and vomiting.

Eye Severe irritation may occur. Can cause corneal burns and severe damage may result if not treated immediately.

Skin Causes irritation, redness and burns on contact with skin.

Inhaled Inhalation of mist may cause irritation to the respiratory tract.

Chronic

Swallowed No effects known.

Eye No effects known.

Skin No effects known.

Inhalation No effects known.

TOXICITY DATA

Sodium hypochlorite

LD₅₀ 5800mg/kg (oral, mouse)

RTECS NH3486300

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity	Not available.
Persistence and degradability	Not available.
Mobility	Not available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal method	Refer to State/Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Rinse empty containers thoroughly before recycling or disposing to an authorised landfill.
Special precautions	Normally suitable for incineration by approved agent.

Section 14: TRANSPORT INFORMATION

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

UN Number	1791
UN Proper Shipping Name	HYPOCHLORITE SOLUTION
Class and subsidiary risk	8 – Corrosive
Packing Group	III
Special precautions for user	Not applicable
Hazchem Code	2X

Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP): Schedule 5 – CAUTION.

All ingredients are listed in the Australia Inventory of Chemical Substances (AICS).

Section 16: OTHER INFORMATION

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