



# MATERIAL SAFETY DATA SHEET

## Section 1: IDENTIFICATION

### VIRACLEAN

**Recommended Use:** Disinfectant Cleaner.

**Product Code:** 210556 (2x5L), 210555 (15L), 210564 (12X500mL Pump), 210574 (12X500mL Squeeze).

#### 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) 131 126

Distributed in New Zealand by:

#### Protec Solutions Limited

Postal Address: P. O. Box 15259 Wellington NZ 6022  
Telephone Number: 04 387 7231 Facsimile: 04 387 7232  
Emergency Telephone Number: New Zealand Poisons Centre 00800 POISON or 0900 764 766

## Section 2: HAZARDS

Not classified as hazardous by the criteria of NOHSC and HSNO Classifications.

## Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Benzalkonium Chloride	68424-85-1	0.426%
Proprietary Blend	Not applicable	10-30%
Ingredients deemed not to be hazardous	Not applicable	To 100%

## Section 4: FIRST AID

<b>Eye (Contact)</b>	Hold eyelids apart and flush the eye continuously with running water.
<b>Skin (Contact)</b>	Remove contaminated clothing and flush skin and hair with running water.
<b>Inhalation(Breathing)</b>	Remove to fresh air. The product is non volatile at room temperatures.
<b>Ingestion (Swallowing)</b>	DO NOT induce vomiting. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.
<b>Advice to Doctor</b>	Treat symptomatically for neutral detergent.
<b>First Aid Facilities</b>	Ensure an eye wash is available and ready for use.
<b>Additional Information</b>	No aggravated medical conditions are known to be caused by exposure to this product.

### Section 5: FIREFIGHTING MEASURE

<b>Suitable Extinguishing Media</b>	Solution does not burn. Use extinguishing media suited to the materials that are burning. eg. Dry chemical, CO <sub>2</sub> or water spray
<b>Hazards From Combustion Products</b>	Carbon dioxide and carbon monoxide may be produced in the case of fire or during thermal decomposition.
<b>Precautions For Fire Fighters and Special Protective Equipment</b>	Keep containers cool by spraying with water.
<b>Additional Information</b>	<b>Hazchem Code</b> – Not applicable.

### Section 6: ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedure</b>	SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide – Not applicable.
<b>Spills / Clean up</b>	Clean up personnel should wear full protective clothing. Restrict access until completion of clean up. Then ensure adequate ventilation. Stop leak if safe to do so. Contain spill with absorbent material, such as towelling, sand, vermiculite or other inert material. Prevent spill entering stormwater drains or waterways. Collect and dispose of clean up material according to local regulations. Wash away remnants with copious amounts of cold water to sewer. 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

<b>Precautions for Safe Handling</b>	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 personal injury or damage to equipment. Store product in original container. Wash thoroughly after handling product.
<b>Conditions for Safe Storage</b>	Store in a cool, dry, well ventilated area. Keep container tightly sealed. Store below 30°C.

### Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

**National Exposure Standards** – Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003] & New Zealand Workplace Exposure Standards 2002.

<u>Ingredient</u>	<u>CAS No</u>	<u>ES-TWA</u>	<u>ES-STEL</u>
Benzalkonium Chloride	68424-85-1	None available	None available

<b>Biological Limit Values</b>	Not available.
<b>Engineering Controls</b>	Use only in a well ventilated area.

**Personal Protective Equipment**

Eye/face protection – Safety glasses / face shield / chemical resistant goggles should be worn to prevent eye contact.  
 Skin protection – Use Nitrile gloves or similar to prevent skin contact.  
 Respiratory protection – Respirator is not usually necessary but if required use a respirator suitable for organic vapours.

<b>Section 9: PHYSICAL AND CHEMICAL PROPERTIES</b>
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**Appearance** Clear pink liquid**Boiling Point** approximately 100°C**Odour** Slight Lemon odour**Freezing Point** approximately 0°C**pH** 7.00-7.40**Solubility** Soluble in water.**Specific Gravity** 0.985-0.995**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.

<b>Section 10: STABILITY AND REACTIVITY</b>
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**Chemical Stability**

Stable for period of shelf-life when stored as directed.

**Conditions to avoid**

Avoid high temperatures (store below 30°C). Do NOT store in direct sunlight. Protect against physical damage.

**Incompatible materials**

None known. Do not mix with other chemicals.

**Hazardous decomposition products**

None known.

**Hazardous reactions**

None known.

<b>Section 11: TOXICOLOGICAL INFORMATION</b>
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**HEALTH EFFECTS****Acute****Swallowed**

Considered an unlikely route of entry in commercial / industrial environments. May be irritating to gastro-intestinal tract.

**Eye**

May cause irritation and reddening.

**Skin**

May cause irritation.

**Inhaled**

May cause irritation if aerosol inhaled.

**Chronic****Swallowed**

No effects known.

**Eye**

No effects known.

**Skin**

No effects known

**Inhalation**

No effects known.

**TOXICITY DATA**

Not available.

<b>Section 12: ECOLOGICAL INFORMATION</b>
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**Ecotoxicity**

Not available.

**Persistence and degradability** Not available.

**Mobility** Not available.

### Section 13: DISPOSAL CONSIDERATIONS

**Disposal method** Disposal to sewer is normally recommended with copious amounts of water. Refer to State/Territory Land Waste Management Authorities if applicable. Containers are recyclable and can be disposed of by a licensed waste contractor. Containers can be disposed of to general waste or rinsed thoroughly and recycled.

**Special precautions** Suitable for incineration by approved agent.

### Section 14: TRANSPORT INFORMATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

**UN Number** Not applicable.

**UN Proper Shipping Name** Not applicable.

**Class and subsidiary risk** Not applicable.

**Packing Group** Not applicable.

**Special precautions for user** Not applicable.

**Hazchem Code** Not applicable.

### Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP): Not applicable.

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

### Section 16: OTHER INFORMATION

**Date of preparation:** 5<sup>th</sup> December, 2008

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