

MATERIAL SAFETY DATA SHEET

Section 1: IDENTIFICATION

BACTEX CONCENTRATE

Recommended Use: Hospital Grade Disinfectant

Product Code: 020206 (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

Web: www.whiteley.com.au

Emergency Telephone Number: Poisons Information Centre (National) 131126

Section 2: HAZARDS

Classified as hazardous by the criteria of Safe Work Australia.

C Corrosive

R34 Causes burns.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S61 Avoid release to the environment. Refer to Material Safety Data Sheet.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Benzalkonium Chloride	63449-41-2	10-30%
Ingredients deemed not to be hazardous	Not applicable	To 100%

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 (131126) or a doctor, or for at least 15 minutes.
Skin (Contact)	Remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre (131126) or a doctor or for at least 15 minutes. Seek medical attention in the event of irritation.
Inhalation(Breathing)	Remove victim from contaminated area. If breathing is difficult, oxygen should be administered by qualified personnel. Apply artificial respiration if not breathing. Contact the Poisons Information Centre (131126) or a doctor for treatment advice
Ingestion (Swallowing)	DO NOT induce vomiting. If the person is fully alert and cooperative, have the person rinse mouth with plenty of water. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.
Advice to Doctor	Treat symptomatically based on judgement of doctor and individual

reactions of patient.

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 Use extinguishing media suited to the materials that are burning. eg. Dry chemical, foam or water spray.

Hazards From Combustion Products Carbon dioxide, carbon monoxide and other toxic gases may be produced in the case of fire.

Precautions For Fire Fighters and Special Protective Equipment Firefighters should wear full protective clothing including self contained breathing apparatus and chemical splash suit. Ensure that no spillage enters drains or water courses. Remove from the vicinity containers not involved in the fire.

Additional Information **Hazchem Code** – Not applicable.

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide – Not applicable

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

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 personal injury or damage to equipment.
Store product in original container.
Wear prescribed personal protective equipment.
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, dry, well-ventilated area out of direct sunlight. Keep container tightly sealed.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

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

Ingredient
None known

CAS No

ES-TWA

ES-STEL

Biological Limit Values	Not available.
Engineering Controls	Use in a well ventilated area.
Personal Protective Equipment	Eye/face protection – Safety glasses or chemical resistant goggles should be worn to prevent eye contact. Skin protection – Rubber gloves should be worn to prevent repeated skin contact. Respiratory protection – If necessary, use a suitable respirator.



Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance Slightly thick, clear blue liquid	Boiling Point greater than 100°C
Odour Characteristic	Freezing Point approximately 0°C
pH 7.5-8.5	Solubility Soluble in water.
Specific Gravity 1.02-1.04	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	Stable under normal ambient storage conditions.
Conditions to avoid	Avoid high temperatures (store below 30°C). Protect against physical damage.
Incompatible materials	Do not mix with other chemicals.
Hazardous decomposition products	None known.
Hazardous reactions	None known.

Section 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

Acute

Swallowed	Considered an unlikely route of entry in commercial / industrial environments. Product is corrosive and is capable of causing burns to the mouth, throat, oesophagus with extreme discomfort and pain if swallowed.
Eye	May cause irritation, redness and burns. Corneal injury may develop, with possible permanent impairment of vision, if not promptly and adequately treated.
Skin	May cause redness, swelling and irritation.
Inhaled	None expected under normal usage conditions. Use of product at elevated temperatures will increase likelihood of contact with vapour. Vapour is discomforting to the upper respiratory tract. Inhalation may cause headaches, dizziness and nausea. May produce respiratory tract irritation.

Chronic

Swallowed	No effects known.
Eye	Repeated exposure may cause conjunctivitis.
Skin	No effects known.
Inhalation	No effects known.

TOXICITY DATA

Benzalkonium chloride

LD₅₀ 919mg/kg (oral, mouse)

RTECS UZ2995000

Section 12: ECOLOGICAL INFORMATION**Ecotoxicity** Not known.**Persistence and degradability** Not known.**Mobility** Not known.**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

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): Schedule 6 – POISON.

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

Section 16: OTHER INFORMATION

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