

SAFETY DATA SHEET

Section 1: IDENTIFICATION

BACTOL 90% ALCOHOL SURGICAL HANDRUB



Recommended Use: Surgical Hand rub.
Product Code: 020017 (12x500mL), 020019 (6x1L)

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

Distributed in New Zealand by:

Whiteley Corporation NZ Limited

Address: PO Box 22-519 Otahuhu, Auckland, New Zealand 1640
 Telephone Number: 092737313, 0800 257 352

Emergency Telephone Number: New Zealand Poisons Centre 0800 POISON or 0800 764 766

Section 2: HAZARDS

GHS Classification

Flammable liquid (Category 2)
 Eye irritation (Category 2)

Signal Word **DANGER**

Hazard Statements

H225	Highly flammable liquid and vapour
H319	Causes serious eye irritation

Precautionary Statements

P210	Keep away from open flames. No smoking
P233	Keep container tightly closed.

Response Statements

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: get medical advice/attention.
P370 + P378	In case of fire: Use water for extinction.

Storage Statements

P403 + P235	Store in a well-ventilated place. Keep cool.
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Disposal Statements

P501	Dispose of container in accordance with local regulations.
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HSNO Classifications

3.1C	Flammable liquid - high hazard
6.4A	Substances that are irritating to the eyes

Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Ethanol (v/v)	64-17-5	85 – 95%
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.
Skin (Contact)	Not normally required.
Inhalation (Breathing)	Remove to fresh air.
Ingestion (Swallowing)	DO NOT induce vomiting. Give water to drink if conscious. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.
Advice to Doctor	Treat symptomatically as for excessive exposure to alcohol.
First Aid Facilities	Ensure an eye wash and safety shower is 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 water fog (or if unavailable fine water spray), dry chemical, carbon dioxide or alcohol stable foam.
Hazards from Combustion Products	Carbon dioxide and carbon monoxide may be produced in the case of fire or during thermal decomposition.
Precautions for Fire Fighters and Special Protective Equipment	Firefighters should wear self-contained breathing apparatus (SCBA) and complete protective clothing. Vapours are heavier than air and will 'travel' to low-level areas and/or spread fires. Remove containers from path of fire if safe to do so. Water may be used to cool exposed containers. Burns with a colourless flame
Additional Information	Hazchem Code – •3[Y]E

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure	SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide - 14.
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Eliminate all sources of ignition. Ventilate area thoroughly and wear a suitable respirator if necessary to minimise inhalation. Wear suitable personal protective equipment such as protective gloves to prevent skin contact.

Spills / Clean up

Eliminate all sources of ignition. Ventilate area thoroughly and wear a suitable respirator to minimize inhalation. Clean up personnel should wear full protective clothing. Stop leak if safe to do so. Prevent spill entering waterways.

For larger spills (greater than 1L) – contain spill by placing inert, non-combustible absorbent material such as toweling, vermiculite, sand or dirt onto spill.

For small spills (less than 1L) – can be wiped up using clean rags.

Collect material using non-sparking tools and place into a suitable container for disposal 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.

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.

Discontinue use if irritation occurs.

Any non-intended or non-authorized use of this product may result in personal injury or damage to equipment.

Store product in original container.

Conditions for Safe Storage

Store in a cool, dry, well ventilated area away from incompatible materials and sources of ignition. Keep container tightly sealed. Store below 30°C out of direct sunlight.

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>
Ethanol	64-17-5	1000ppm	-

Biological Limit Values

No data available.

Engineering Controls

Not normally required.

Personal Protective Equipment

Eye/face protection – Not required under normal circumstances. Should a splash risk exist then safety glasses / face shield / chemical resistant goggles can be worn to prevent eye contact.

Skin protection – Not required under normal circumstances. If necessary, nitrile gloves should be used to prevent skin contact.

Respiratory protection – Respirator is not usually necessary but if required use a half face filter respirator suitable for organic vapours.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES			
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Appearance	Clear colourless liquid	Odour	Cucumber and Melon/ Ethanol
Odour Threshold	No data available	pH	Approx. 8.50
Freezing Point	Approx. 0°C	Initial Boiling Point	78°C
Boiling Range	No data available	Flash point	17°C
Evaporation Rate	No data available	Flammability	No data available
Upper flammability limit	19%	Lower flammability limit	3%
Vapour Pressure	No data available	Vapour Density	No data available
Relative Density	0.820	Solubility	Soluble in water
Partition Coefficient: n-octanol/water	No data available	Autoignition temperature	No data available
Decomposition temperature	No data available	Viscosity	30 – 200 cPs

Section 10: STABILITY AND REACTIVITY	
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Chemical Stability	Product is stable and will not undergo any hazardous reactions under normal conditions of use and storage.
Conditions to avoid	Avoid heat, sparks and high temperatures (store below 30°C). Do NOT store in direct sunlight.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	None known.
Hazardous reactions	None known.

Section 11: TOXICOLOGICAL INFORMATION	
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Acute toxicity	May cause headache or dizziness.
Skin corrosion/ irritation	No data available.
Serious eye damage/ irritation	May cause transient irritation on eye contact.
Respiratory or skin sensitisation	No data available.

Germ Cell Mutagenicity	No data available.
Carcinogenicity	No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity	No data available.
Specific Target Organ Toxicity – Single Exposure	No data available.
Specific Target Organ Toxicity – Repeated Exposure	No data available.
Aspiration Hazard	No data available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity	No data available.
Persistence and degradability	No data available.
Bio accumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No data available.

Section 13: DISPOSAL CONSIDERATIONS
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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
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Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

UN Number	1993
UN Proper Shipping Name	FLAMMABLE LIQUID, N.O.S.
Class and subsidiary risk	3 – Flammable.
Packing Group	II
Special precautions for	Not applicable.
Hazchem Code	•3[Y]E

Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSMP): Not applicable.

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

HSNO Approval Code: HSR002528

This document has been produced in accordance with the requirements of the Globally Harmonised System of Classification and Labelling.

Section 16: OTHER INFORMATION

Date of preparation: 8 December 2022

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