

## SAFETY DATA SHEET

### Section 1: IDENTIFICATION

#### BACTOL BLUE

**Recommended Use:** Antibacterial Hand rub.  
**Product Code:** 020066 (12x500mL), 020059 (6x1L)



**Whiteley Corporation Pty Ltd**  
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Web: [www.whiteley.com.au](http://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 irritant (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.
P280	Wear eye protection.

#### 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
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## Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Ethanol	64-17-5	70% v/v
Macadamia Oil	12849-20-1	<1%
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>	Not normally required.
<b>Inhalation (Breathing)</b>	Remove to fresh air.
<b>Ingestion (Swallowing)</b>	DO NOT induce vomiting. Give water to drink if conscious. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.
<b>Advice to Doctor</b>	Treat symptomatically as for excessive exposure to alcohol.
<b>First Aid Facilities</b>	Ensure an eye wash and safety shower 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>	Use water fog (or if unavailable fine water spray), dry chemical, carbon dioxide or alcohol stable foam.
<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>	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
<b>Additional Information</b>	<b>Hazchem Code</b> – 3[Y]E

### Section 6: ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedure</b>	SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide - 14. 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.
<b>Spills / Clean up</b>	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

<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.
<b>Conditions for Safe Storage</b>	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	1880ppm

<b>Biological Limit Values</b>	No data available.
<b>Engineering Controls</b>	Not normally required.
<b>Personal Protective Equipment</b>	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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<b>Appearance</b>	Thick, blue, opaque gel	<b>Odour</b>	Ethanol
<b>Odour Threshold</b>	No data available	<b>pH</b>	Approx. 7.00
<b>Freezing Point</b>	Approx. 0°C	<b>Initial Boiling Point</b>	No data available
<b>Boiling Range</b>	No data available	<b>Flash point</b>	23.5°C
<b>Evaporation Rate</b>	No data available	<b>Flammability</b>	No data available
<b>Upper flammability limit</b>	19%	<b>Lower flammability limit</b>	3%
<b>Vapour Pressure</b>	No data available	<b>Vapour Density</b>	No data available
<b>Relative Density</b>	0.900	<b>Solubility</b>	Soluble in water
<b>Partition Coefficient: n-octanol/water</b>	No data available	<b>Autoignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available	<b>Viscosity</b>	Approx. 7000 cPs

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

Section 11: TOXICOLOGICAL INFORMATION	
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<b>Acute toxicity</b>	May cause headache or dizziness. Methanol is used in this product as a denaturant which may cause optical nerve damage if ingested.
<b>Skin corrosion/ irritation</b>	No data available.
<b>Serious eye damage/ irritation</b>	May cause transient irritation on eye contact.
<b>Respiratory or skin sensitisation</b>	Product contains macadamia oil, which may cause an allergic reaction in some individuals.

<b>Germ Cell Mutagenicity</b>	No data available.
<b>Carcinogenicity</b>	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.
<b>Reproductive toxicity</b>	No data available.
<b>Specific Target Organ Toxicity – Single Exposure</b>	No data available.
<b>Specific Target Organ Toxicity – Repeated Exposure</b>	No data available.
<b>Aspiration Hazard</b>	No data available.

<b>Section 12: ECOLOGICAL INFORMATION</b>
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<b>Ecotoxicity</b>	No data available.
<b>Persistence and degradability</b>	No data available.
<b>Bio accumulative potential</b>	No data available.
<b>Mobility in soil</b>	No data available.
<b>Other adverse effects</b>	No data available.

<b>Section 13: DISPOSAL CONSIDERATIONS</b>
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<b>Disposal method</b>	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.
<b>Special precautions</b>	Suitable for incineration by approved agent.

<b>Section 14: TRANSPORT INFORMATION</b>
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Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

<b>UN Number</b>	1993
<b>UN Proper Shipping Name</b>	FLAMMABLE LIQUID, N.O.S.
<b>Class and subsidiary risk</b>	3 – Flammable.
<b>Packing Group</b>	II
<b>Special precautions for</b>	Not applicable.
<b>Hazchem Code</b>	•3YE

**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:** 22 November 2021

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