

# MATERIAL SAFETY DATA SHEET

## Section 1: IDENTIFICATION

### BACTOL ALCOHOL GEL

**Recommended Use:** Antibacterial Hand rub.  
**Product Code:** 020066 (12x500mL), 020068 (48x85mL)



#### 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](http://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.

R11 Highly Flammable  
 S7 Keep Container Tightly Closed  
 S16 Keep Away From Sources of Ignition

## Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Ethanol	64-17-5	70% v/v
Macadamia Oil*	12849-20-1	<10%*
Ingredients deemed not to be hazardous	Not applicable	To 100%

\* Macadamia Oil accounts for less than 1% of the formulation.

## Section 4: FIRST AID

<b>Eye (Contact)</b>	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.
<b>Skin (Contact)</b>	Not normally required.
<b>Inhalation(Breathing)</b>	Not normally required. If patient is overcome by vapours, move to fresh air.
<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.
<b>First Aid Facilities</b>	Ensure an eye bath and safety shower are 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 dry chemical, alcohol stable foam, carbon dioxide or fog type extinguishers.
<b>Hazards From Combustion Products</b>	Toxic and/or irritating fumes including carbon monoxide and carbon dioxide may be emitted.
<b>Precautions For Fire Fighters and Special Protective Equipment</b>	Fire-fighters should wear self-contained breathing apparatus (SCBA) and complete protective clothing. Vapours from combustion products are heavier than air and may 'travel' to low-level areas and/or spread fires. Water may be used to cool containers.
<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 – Guide 14.
<b>Spills / Clean up</b>	Slippery when spilled. Personal protective equipment should be worn when cleaning up spills. Restrict access to area until completion of cleanup. Stop leak if safe to do so. Contain spill with absorbent material, such as toweling, sand, vermiculite or other inert material. Prevent spill entering sewers or waterways. Collect and dispose of spilled material according to local regulations. Wash away remnants with copious amounts of cold water.

### Section 7: HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	Contact Whiteley Corporation Pty Ltd 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 direct sunlight, incompatible materials and sources of ignition. 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].

<u>Ingredient</u>	<u>CAS No</u>	<u>ES-TWA</u>	<u>ES-STEL</u>
Ethanol	64-17-5	1000ppm 1880mg/m <sup>3</sup>	-----

<b>Biological Limit Values</b>	Not available.
<b>Engineering Controls</b>	Not normally required.

**Personal Protective Equipment**

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

Skin protection – Not required under normal circumstances.

Respiratory protection – Not required under normal circumstances.

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Thick blue opaque liquid

**Boiling Point** 80-100°C

**Odour** Ethanol odour

**Freezing Point** Not available

**pH** approx. 7.0

**Solubility** Moderately soluble in water.

**Specific Gravity** 0.9

**Flash Point** 23.5°C (ASTM D6450)

**Vapour Pressure** Not Available.

**Upper and Lower Flammability limits (in air)** Not Available.

**Vapour Density** Not Available.

**Ignition Temperature** Not Available.

### Section 10: STABILITY AND REACTIVITY

**Chemical Stability**

Stable under normal ambient storage conditions.

**Conditions to avoid**

Avoid heat, sparks, high temperatures (store below 30°C) and direct sunlight. Protect against physical damage.

**Incompatible materials**

Strong oxidizing agents.

**Hazardous decomposition products**

Burning can produce carbon monoxide and/or carbon dioxide.

**Hazardous reactions**

None known.

### Section 11: TOXICOLOGICAL INFORMATION

#### HEALTH EFFECTS

##### Acute

**Swallowed** Considered an unlikely route of entry in commercial / industrial environments. May be irritating to gastro-intestinal tract. May cause headache, dizziness or fatigue. Methanol is used in this product as a denaturant which may cause optical nerve damage if ingested.

**Eye** May irritate or damage the eye.

**Skin** None known.

**Inhaled** Moderately irritating to the respiratory tract.

##### Chronic

**Swallowed** May cause degenerative changes in the liver and kidneys.

**Eye** Permanent damage may result.

**Skin** No effect known.

**Inhalation** No effect known.

#### TOXICITY DATA

Ethanol

LD<sub>50</sub> 7060mg/kg (oral, rat)

RTECS KQ6300000

**Section 12: ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	Not available.
<b>Persistence and degradability</b>	Not available.
<b>Mobility</b>	Not available.

**Section 13: DISPOSAL CONSIDERATIONS**

<b>Disposal method</b>	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.
<b>Special precautions</b>	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).

<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>	III
<b>Special precautions for user</b>	Not applicable.
<b>Hazchem Code</b>	3[Y]E

**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:** 27<sup>th</sup> April, 2010

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