

MATERIAL SAFETY DATA SHEET

Section 1: IDENTIFICATION

BACTOL ALCOHOL GEL

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

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

Eye (Contact)	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.
Skin (Contact)	Not normally required.
Inhalation(Breathing)	Not normally required. If patient is overcome by vapours, move to fresh air.
Ingestion (Swallowing)	DO NOT induce vomiting. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.
Advice to Doctor	Treat symptomatically.
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 dry chemical, alcohol stable foam, carbon dioxide or fog type extinguishers.
Hazards From Combustion Products	Toxic and/or irritating fumes including carbon monoxide and carbon dioxide may be emitted.
Precautions For Fire Fighters and Special Protective Equipment	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.
Additional Information	Hazchem Code – 3[Y]E

Section 6: ACCIDENTAL RELEASE MEASURES

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

Precautions for Safe Handling	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.
Conditions for Safe Storage	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 ³	-----

Biological Limit Values	Not 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 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

LD₅₀ 7060mg/kg (oral, rat)

RTECS KQ6300000

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity	Not available.
Persistence and degradability	Not available.
Mobility	Not available.

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	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).

UN Number	1993
UN Proper Shipping Name	FLAMMABLE LIQUID, N.O.S.
Class and subsidiary risk	3 – Flammable.
Packing Group	III
Special precautions for user	Not applicable.
Hazchem Code	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

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