

PROMOTHERAPY PTY LTD

Issue Date: January, 2020

Valid to: January, 2023

SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY


Trade Name:	Waterless Hand Sanitiser
Synonyms:	N/A
Chemical Formula:	N/A
CAS Number:	N/A
Product Uses:	Anti-bacterial, cosmetic hand sanitiser. For use when water is not readily available.

Supplier / Manufacturer:	Promotherapy Pty Ltd
Address:	29 Rene Street, Noosaville QLD, 4566 Australia
Telephone:	(07) 5471 0884
Email:	admin@promotherapy.com.au
Website:	www.promotherapy.com.au
Emergency Telephone:	13 11 26 (Poisons Information Centre)

SECTION 2: HAZARD(S) IDENTIFICATION

GHS Classification	Eye irritation (Category 2A). Flammable liquids (Category 3).
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LABELLING ELEMENTS:

Signal Word:	WARNING
Pictogram(s):	
Hazard Statement(s):	H319 Causes serious eye irritation. H226 Flammable liquid and vapour.
Precautionary Statements:	<p>Prevention</p> <p>P210 Keep away from heat / sparks / open flames / hot surfaces. No smoking. P233 Keep container tightly closed. P241 Use explosion proof electrical / ventilating / lighting equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P264 Wash hands thoroughly after handling. P280 Wear eye protection.</p> <p>Response</p> <p>P303 + P361 + P353 IF ON SKIN (OR HAIR): Remove immediately contaminated clothing. Rinse skin with water. 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: seek medical advice. P370 + P378: In case of fire, use alcohol resistant foam for extinction.</p>
Storage:	P403 + P235: Store in a well-ventilated place. Keep cool.
Disposal:	P501: Dispose of contents / container to an approved waste disposal plant.

SECTION 2: HAZARD(S) IDENTIFICATION

GHS Classification	Eye irritation (Category 2A). Flammable liquids (Category 3).
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SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NUMBER	PERCENTAGE (W/W)	CLASSIFICATION
Water	7732-18-5	20-40%	
Ethyl Alcohol	64-17-5	>60%	H225 + H315
Isopropyl Alcohol	67-63-0	<5%	H225 + H319 + H336
Other (Non-hazardous)		<10%	

SECTION 4: FIRST AID MEASURES

First Aid Facilities:	Normal washroom facilities. Safety shower and emergency eye wash.
Eye Contact:	Immediately irrigate with copious quantities of water for at least 20 minutes. Eyelids to be held open. Seek medical advice (i.e. ophthalmologist) if there are ongoing symptoms.
Skin Contact:	Contact with skin is part of normal use. Remove any contaminated clothing and wash skin with plenty of water.
Inhalation:	Remove victim to fresh air away from exposure – avoid becoming a casualty.
Ingestion:	Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice.
Advice to Doctor:	No specific antidote. Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient. Poisons Information Centre in each Australian State capital city or in Christchurch New Zealand can provide additional assistance for scheduled poisons.
Scheduled Poisons:	Poisons Information Centre in each Australian State capital city can provide additional assistance for scheduled poisons. Phone Australia 13 11 26.

SECTION 5: FIRE FIGHTING MEASURES

Fire and Explosion Hazard:	Flammable liquid. Keep product and empty container away from heat sources.
Extinguishing Media:	Use alcohol resistant foam; otherwise fine water spray or water fog.
Fire Fighting:	Keep containers exposed to extreme heat cool with fine water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion or decomposition. Evacuate area – move upwind of fire.
Flash Point	23°C TCC
Hazchem Code	•2Y

SECTION 6: ACCIDENTAL RELEASE MEASURES

Minor Spills:	Does not normally require special clean-up measures. Clean up spill and rinse area with detergent and water. Avoid contact with eyes.
Major Spills:	For example transport accident or bulk spill. Prevent spillage from entering drains or watercourses. Wear appropriate protective equipment (see Section 8) to prevent eye and clothing contamination. Contain spillage, then cover / absorb spill into dry, inert material (e.g. sand, earth or vermiculite), collect and place into suitable containers, appropriately labelled for disposal by an approved agent according to local conditions. Spillage area may remain slippery. Flush spill area with water. If contamination of sewers or waterways has occurred advise the local emergency services. In the event of a large spillage notify the local environment protection authority or emergency services.
PPE	Personal protective equipment advice is contained in Section 8

SECTION 7: HANDLING AND STORAGE

Handling:	Avoid eye contact. Do not eat, drink or smoke while handling. Do not use in the presence of heat or ignition sources, including flames and sparks. All equipment must be earthed., Use in a well ventilated area. Do not allow contaminated clothing to remain in contact with skin. Always wash hands with water after handling.
Storage:	Store in a cool, dry place with good ventilation, out of direct sunlight and at below 30°C. Store away from incompatible materials (see Section 10). Store away from heat and ignition sources. Keep containers tightly closed at all times when not in use.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS: None established for this product.

INGREDIENT	TWA	STEL	NOTICES
Ethyl Alcohol	1,880 mg/m ³		
Isopropyl Alcohol	983 mg/m ³	1,230 mg/m ³	

As published by Safe Work Australia.

Personal Protection:	Use good occupational work practice. The product is a hand sanitising gel and as such, protective clothing is not required under normal conditions of use. However, the use of protective clothing depends on the degree and nature of the exposure. Final choice of protection will vary according to the circumstances, e.g. methods of handling and engineering controls and according to risk assessments taken.
Engineering Controls:	Ensure ventilation is adequate. Where high contaminant levels exist wear suitable respirator in accordance with AS/NZS 1715 and AS/NZS 1716.
Eye & Face Protection:	Safety glasses to handle in quantity.
Hand & Skin Protection:	When using large quantities or where heavy contamination is likely wear gloves and PVC apron.
Inhalation Protection:	None required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Semi-transparent, gel-like liquid		
Odour:	Mild ethanol	Vapour Pressure:	Not available
pH:	6.0 – 7.0 / neutral	Vapour Density:	Not available
Melting / Freezing Point:	0°C	Relative Density (Water = 1):	0.87 @ 25°C
Boiling Point:	>78°C (initial)	Water Solubility:	Miscible in all portions
Flash Point:	23°C TCC	Partition Coefficient n-Octanol/Water	Not available
Evaporation Rate:	Not available	Auto-Ignition Temperature	Not available
Flammability:	Flammable	Decomposition Temperature:	Not available
Upper / Lower Flammability:	UEL 19 / LEL 3.3	Viscosity:	Viscous gel

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Low
Chemical Stability:	Stable under normal temperatures and pressure
Possibility of Hazardous Reactions	Product can decompose on combustion to form carbon monoxide, carbon dioxide and other possibly toxic compounds.
Conditions to Avoid:	Avoid exposure to heat and ignition sources including open flames and hot surfaces; and prolonged exposure to direct sunlight.
Incompatible Materials:	Strong oxidising agents.

SECTION 11: TOXICOLOGICAL INFORMATION

Inhaled:	No harmful effects.
Skin Contact:	No harmful effects.
Eye Contact:	May cause irritation.
Ingestion:	Swallowing large amounts can result in nausea, vomiting and stomach pain.
Acute Toxicity:	Not toxic by calculation. No LC50 data available for this product. For Ethyl Alcohol (at 95%): Oral LD50 (mice) – 3,450 mg/kg.
Chronic:	No information available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Not toxic by calculation. No LC50 data available for this product. For Ethyl Alcohol (at 95%): LC50 (golden ide) >1,000ml/l – 48h.
Persistence and Degradability:	Individual components stated to be biodegradable.
Bioaccumulative Potential:	None known.
Mobility in Soil:	Not tested.
Other Adverse Affects	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods:	Refer to Waste Management Authorities. Dispose of material through a licensed waste contractor. Decontamination and destruction of containers should be considered.
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SECTION 14: TRANSPORT INFORMATION

ADG Code Classification:	Dangerous goods
UN No:	1170
Proper Shipping Name:	ETHANOL SOLUTION
Transport Hazard Class	3 – Flammable Liquid
	
Packing Group:	III
Hazchem Code:	•2Y
Environmental Hazards for Transport	None allocated.

SECTION 15: REGULATORY INFORMATION

SUSMP (Poison Schedule):	Not a scheduled poison.
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SECTION 16: OTHER INFORMATION

Acronyms:	ADG: Australian Code for the Transport of Dangerous Goods by Road and Rail. AICS: Australian Inventory of Chemical Substances. CAS No.: Chemical Abstract Service Number used to uniquely identify chemical compounds. GHS: Globally Harmonized System. HAZCHEM: An emergency action code that gives information to emergency services. IARC: International Agency for Research on Cancer. LD50: Lethal Dose, 50% / Median Lethal Dose. Mg/m ³ : Milligrams per cubic metre. PPM: Parts per million.
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	<p>STEL: Short-term exposure unit.</p> <p>STOT: Specific Target Organ Toxicity</p> <p>SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons.</p> <p>TWA/OEL: Time Weighted Average or Occupational Exposure limit.</p>
Literature References:	<ul style="list-style-type: none"> ▪ Australian Code for the Transport of Dangerous Goods by Road and Rail – 7th Edition. ▪ Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice. December 2011. Safe Work Australia. ▪ GHS Hazardous Chemical Information List – September 2014 – Safe Work Australia. ▪ Guidance on the Classification of hazardous Chemicals under the WHS Regulations. April 2012 – Safe Work Australia. ▪ Global Harmonized System of Classification and Labelling of Chemicals (GHS). Fifth revised edition. ▪ List of Designated Hazardous Substances [NOHSC:10005(1999)] ▪ Standard for the Uniform Scheduling of Medicines and Poisons, June 2016. ▪ Material Safety Data Sheets for individual raw materials – all suppliers. ▪ Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)]. ▪ Therapeutic Goods (Excluded Goods) Determination 2018. ▪ The Measurement of Flash Point of Water-Methanol and Water-Ethanol Systems Using Seta Flash Closed Cup Tester, 2015, Fire Science and Engineering, Vol. 29. ▪ Lange’s Handbook of Chemistry, 1967, McGraw-Hill.
Revision History:	Rev 2.0 Initial SDS for GHS Compliance
Prepared by:	Promotherapy Pty Ltd

- End of SDS -