



## Hand Sanitiser Liquid 70%

### 1: Identification of the Material and Supplier

<b>Product Identifier</b>	Hand Sanitiser Liquid 70%		
<b>Other Means of Identification</b>	WSAHS70-2X5L.CTN (2x5L)		
<b>Recommended Use</b>	Alcohol hand rub sanitiser		
<b>Supplier</b>	<b>Organisation</b>	<b>Location</b>	<b>Contact Information</b>
	Wirrpanda Supplies Pty Ltd ABN: 50 672 225 044	15 Howe Street Osborne Park WA 6017	Phone: 131 808 E-Mail: sales@wirrpandasupplies.com.au Web: www.wirrpandasupplies.com.au
<b>Emergency Phone Number</b>	Poisons Information Centre (Australia) 13 11 26		

### 2: Hazard Identification

Classified as hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) criteria of Safe Work Australia and classified as a dangerous good according to Australian Dangerous Goods Code

<b>GHS Classification</b>	Flammable liquid category 2 Eye irritation category 2	
<b>Signal Word</b>	Danger	 
<b>Hazardous Statement(s)</b>	Highly flammable liquid and vapour Causes serious eye irritation	
<b>Precautionary Statement(s)</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container receiver equipment. Use explosion proof equipment. Use non-sparking tools. Take action to prevent static discharges. Wear eye protection and protective gloves. Wash hands thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. In case of fire use alcohol resistant foam or dry powder to extinguish. Store in well-ventilated place. Keep cool. Dispose of container in accordance with local regulations.	

## 3: Composition/Information on Ingredients

Ingredient	CAS Number	Proportion (% w/w)
Ethanol	64-17-5	>60%
Non-hazardous ingredients	-	to 100%

## 4: First Aid Measures

<b>General</b>	For advice, contact a Poisons Information Centre (Australia 13 11 26) or a doctor.
<b>Ingestion</b>	If swallowed, DO NOT induce vomiting. If person is conscious, rinse mouth thoroughly with water, first then give a glass of water to drink. If vomiting occurs, wash out mouth again with water and give another glass of water to drink. Seek medical attention urgently.
<b>Eyes</b>	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre (Australia 13 11 26) or by a doctor, or for at least 15 minutes.
<b>Skin</b>	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
<b>Inhalation</b>	If swallowed or inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Do not give direct mouth-to-mouth resuscitation. To protect rescuer, use air-viva, oxy-viva or one-way mask. Resuscitate in a well-ventilated area.
<b>Symptoms Caused by Exposure</b>	Please refer to Section 11- Toxicological Information.
<b>Medical Attention and Special Treatment</b>	Treat symptomatically.

## 5: Fire Fighting Measures

<b>Suitable Extinguishing Equipment</b>	Material is flammable. Extinguish fire using agent suitable for type of surrounding fire. Use alcohol resistant foam, dry chemical or carbon dioxide. Keep run-off water out of sewers and water sources.
<b>Specific Hazards Arising from the Chemical</b>	This product is a flammable liquid. Keep away from sources of ignition. Vapours may accumulate in low lying areas and may form explosive mixtures. Oxides of carbon may be evolved in a fire. Burns with a colourless flame.
<b>Special Protective Equipment and Precautions for Fire Fighters</b>	Use water spray to keep fire-exposed containers cool. The following protective equipment for fire fighters is recommended when this material is present in the area of a fire. Liquid-tight chemical protective suit with breathing apparatus.
<b>Hazchem Code</b>	•2YE

## 6: Accidental Release Measures

<b>Personal Precautions</b>	Shut off leaks if possible. Isolate area - keep unnecessary personnel away. Isolate sources of ignition. Avoid static discharge. Use non-sparking tools. Wear full protective equipment. Increase ventilation. Wear PPE in accordance with section 8. Stop leak if safe to do so. Clean up immediately to avoid accidents.	
<b>Environmental Precautions</b>	Do NOT allow spilled concentrated product to enter drains, sewers, creeks, dams, rivers or waterways.	
<b>Spills and Disposal</b>	<b>Small Spills</b> Mop or wipe up with a rag or paper towel and dispose of in rubbish. Wash down surface with water.	<b>Large Spills</b> Contain, collect and recycle spilt product if possible otherwise absorb spill with material such as soil, sand, attapulgate, vermiculite. Collect and seal in properly labelled, chemical resistant containers. Wash area with water. Seek disposal options by a licensed waste contractor.

## 7: Handling and Storage

<b>Precautions for Safe Handling</b>	Highly flammable product. Avoid breathing vapours. Handle and open containers with care in a well-ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Electrostatic charges may be generated during transfer. Electrostatic discharge may cause fire. Ensure electrical continuity by earthing all equipment. Use PPE as described in section 8.
<b>Conditions for Safe Storage</b>	Store in a well-ventilated area, away from sunlight, ignition sources and other sources of heat. Do not store near strong oxidants.

## 8: Exposure Controls – Personal Protection

<b>National Exposure Standards</b>	Ethanol: 1880mg/m <sup>3</sup> (1000ppm) TWA (8hr).
<b>Engineering Controls</b>	Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists and vapours. Keep containers closed when not in use.
<b>Individual Protection</b>	
<b>Eyes/Face</b>	Safety glasses or goggles.
<b>Hands</b>	Not generally required when used as per label directions. Avoid skin contact.
<b>Skin</b>	Not generally required when used as per label directions. Avoid skin contact.
<b>Respiratory</b>	Not generally required when used as per label directions. Use in a well-ventilated area.

## 9: Physical and Chemical Properties

<b>Appearance</b>	Clear liquid
<b>Odour</b>	Alcoholic
<b>pH</b>	7.5-8.5
<b>Vapour Pressure</b>	44 (mmHg @20°C)
<b>Vapour Density</b>	Ethanol 1.59 ( air = 1, @15°C)
<b>Flash Point</b>	13°C (Abel)
<b>Flammability Limits</b>	3.5% - 19.0% volume in air
<b>Boiling Point</b>	78°C
<b>Melting Point</b>	-117°C (ethanol)
<b>Specific Gravity</b>	0.79-0.81
<b>Solubility</b>	Soluble in water

## 10: Stability and Reactivity

<b>Chemical Stability</b>	The product is stable under normal conditions.
<b>Possibility of Hazardous Reaction</b>	No hazardous reactions expected when handled in accordance with label directions.
<b>Conditions to Avoid</b>	Avoid heat, sparks, open flames and other ignition sources including static discharge.
<b>Incompatible Materials</b>	Strong oxidising agents and aluminium containers.
<b>Hazardous Decomposition Products</b>	Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids, gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

## 11: Toxicological Information

<b>Ingestion</b>	Can cause drunkenness or harmful central nervous system effects. Excessive consumption may lead to acute intoxication, tremors, convulsions, loss of consciousness, coma, respiratory arrest and death. LD <sub>50</sub> Oral (rat): 7060mg/kg LC <sub>50</sub> Inhalation (rat, 6h) : 5900mg/m <sup>3</sup> .
<b>Eye</b>	Vapours may irritate the eyes. Liquid or mists may severely irritate or damage the eyes.
<b>Skin</b>	Although no conventional toxicological studies have been conducted to specifically examine skin defatting, the product could present severe irritant dermatitis due to defatting which is common to organic solvents.
<b>Inhalation</b>	Inhalation of vapours or mists may cause irritation to the respiratory system. High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or death.

## 12: Ecological Information

<b>Ecotoxicity</b>	96h LC <sub>50</sub> Fish: 11000mg/L
<b>Persistence/Degradability</b>	No data available
<b>Bio-accumulative Potential</b>	No data available
<b>Mobility in Soil</b>	No data available

## 13: Disposal Considerations

<b>Disposal Methods</b>	The most effective way to dispose of product is to use as was originally intended, in accordance with label instructions. If disposal of large volumes of unwanted or excess product is required, either supply to product to someone who can use it in accordance with label instructions or contact your local council and/or state environmental authority for advice. Dispose of in accordance with Local, State and Federal regulations. Drain containers thoroughly and rinse empty containers with water and use the solution in accordance with label instructions. Recycle packaging at an approved collection point or recycling facility.
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## 14: Transport Information

<b>UN Number</b>	1170
<b>Shipping Name</b>	ETHANOL (ETHYL ALCOHOL) SOLUTION
<b>Class</b>	3
<b>Subsidiary Risk</b>	None allocated
<b>Packing Group</b>	II
<b>Special Precautions For Users</b>	Ensure all containers are clearly labelled. Keep containers securely sealed and protected against physical damage
<b>Hazchem Code</b>	•2YE
<b>IERG (HB76)</b>	14
<b>AERG Number</b>	127

## 15: Regulatory Information

<b>Packaging &amp; Labelling</b>	This product is classified as a Scheduled Poison (S5) and must therefore be stored, maintained and used in accordance with the relevant State Poisons Act. Defined as a "Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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## 16: Other Information

<b>Prepared By</b>	Brett Amos
<b>Date of Previous Issue</b>	February 2018
<b>Changes Made</b>	Complete GHS review
<b>References</b>	Australian Dangerous Goods Code. Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice 2011. Standard for the Uniform Scheduling of Medicines & Poisons (SUSMP). Globally Harmonised System of Classification and Labelling of Chemicals (GHS) (Rev.7 2017)
<b>Contact Person/Point</b>	Australia 24 HOUR EMERGENCY CONTACT Poisons Information Centre 13 11 26
<b>Legal Disclaimer</b>	The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

**END OF SAFETY DATA SHEET**