





WA CHEMICAL

## HS1\Sanitising Hand Gel

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients	CAS No.	Content
Ethanol	64-17-5	> 60%
Isopropyl Alcohol	67-63-0	< 10%
Triethanolamine	102-71-6	< 1%
Ingredients determined to be Non-Hazardous		Balance

### 4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poison Information Centre (Phone 13 11 26 Australia, New Zealand 0800 764 766)

<b>Eye</b>	If in eyes, hold eyelids apart and flush eyes continuously with running water for at least 15 minutes, or until advised to stop by the Poison Information Centre or a Doctor.
<b>Inhalation</b>	Remove victim to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow victim to assume most comfortable position. Keep at rest until fully recovered. Seek medical advice if effect persist.
<b>Skin</b>	If on skin or hair, immediately remove contaminated clothing and flush affected skin and hair thoroughly with water. If irritation occur, contact a Doctor or Poisons Information Centre on 13 11 26 (Australia).
<b>Ingestion</b>	Rinse mouth thoroughly with water. If swallowed, DO NOT induce vomiting. Give plenty of water to drink. Immediately contact a doctor or Poisons Information Centre on 13 11 26 (Australia).
<b>Advice to doctor</b>	Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

<b>Flammability</b>	Highly flammable liquid.
<b>Fire and explosion</b>	Vapour may form explosive mixture with air. May evolve toxic gases (Carbon monoxide and dioxide, hydrocarbons) when heated to decomposition.
<b>Extinguishing media</b>	Water fog or mist, alcohol resistant foam, dry chemical agent.
<b>Advice for firefighter</b>	Heating can cause expansion or decomposition leading to violent rupture of containers. If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning or decomposing may emit toxic fumes. Wear full protective clothing and self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.
<b>Hazchem code</b>	•2YE



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### 6. ACCIDENTAL RELEASE MEASURES

#### SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

#### LARGE SPILLS

If safe to do so, shut off all possible sources of ignition. Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of dust. Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Use a spark-free shovel. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

### 7. STORAGE AND HANDLING

<b>Storage</b>	Store in cool, dry, well-ventilated place below 25°C and away from direct sunlight. Store away from heat and sources of ignition. Keep container standing upright. Keep containers closed when not in use.
<b>Handling</b>	Do not use if allergy to alcohol is suspected. Avoid contact with eyes. Do not use near naked flames or other ignition sources. Empty container poses fire risk. Rinse empty container with water before disposal.

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Exposure limits</b>	Airborne exposure limits: 1800 mg/m <sup>3</sup> (TWA) for ethanol.
<b>Biological limits</b>	No data available.
<b>Engineering Controls</b>	No special requirements. Use with adequate ventilation at all times.
<b>Personal Protective Equipment (PPE)</b>	None require under normal conditions of use.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear colourless viscous liquid with floral odour.	<b>Auto-ignition Temperature</b>	392°C
<b>Solubility</b>	Miscible with water	<b>Vapour Pressure</b>	5.9 kPa
<b>Relative Density</b>	0.85 – 0.93	<b>Vapour Density</b>	No Data Available
<b>pH</b>	6 – 7	<b>Flammability</b>	Highly Flammable
<b>Boiling Point</b>	Approx. 80 °C	<b>Flash Point</b>	25°C
<b>Melting Point</b>	< 0 °C	<b>Viscosity</b>	Approx. 11000 cps

**10. STABILITY AND REACTIVITY**

<b>Chemical stability</b>	This product is stable under the recommended storage condition.
<b>Condition to avoid</b>	Avoid exposure to heat, sparks, open flames, other ignition sources and direct sunlight.
<b>Material to avoid</b>	Incompatible with oxidising agents, strong acid, and strong alkali.
<b>Hazardous decomposition product</b>	May emit toxic gases (Carbon monoxide and dioxide, hydrocarbons) when heated to decomposition.
<b>Hazardous reaction</b>	No known hazardous reaction.

**11. TOXICOLOGICAL INFORMATION**

No adverse health effects expected under normal condition of use. Symptoms or effects that may arise if the product is mishandled are:

<b>Eye</b>	Irritating to the eye. May cause stinging and redness.
<b>Inhalation</b>	Inhalation of mists may result in respiratory irritation, coughing and headache. Over exposure may result in nausea, dizziness and drowsiness.
<b>Skin</b>	Not normally irritating to skin.
<b>Ingestion</b>	Swallowing cause nausea, vomiting, and irritating to the gastrointestinal tract.

**12. ECOLOGICAL INFORMATION**

Avoid contaminating waterways.

<b>Short-term aquatic toxicity</b>	No data available.
<b>Long-term aquatic toxicity</b>	No data available.
<b>Ecotoxicity</b>	No data available.
<b>Persistence and degradability</b>	Readily biodegradable
<b>Bioaccumulative potential</b>	No bioaccumulation expected
<b>Mobility in soil</b>	No data available.

**13. DISPOSAL CONSIDERATIONS**

Dispose in accordance to local Waste Management Authority Regulations.

<b>Residue/unused product</b>	Concentrated content should be disposed of by a certified handler. Release of waste to sewers is discouraged.
<b>Empty container</b>	Wash empty containers with water before disposal/ recycle.
<b>Land fill precautions</b>	Contact local waste regulator for advice.



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### 14. TRANSPORT INFORMATION

#### Land Transport (ADG Code)

UN number	UN1170
Proper Shipping Name	ETHANOL SOLUTION
Hazard Class	3
Packing Group	II
Hazchem Code	•2YE
Emergency Response Guide	14
Description	UN1170, ETHANOL SOLUTION, 3, II

#### Sea Transport (IMDG Code)

UN number	UN1170
Proper Shipping Name	ETHANOL SOLUTION
Hazard Class	3
Packing Group	II
Description	UN1170, ETHANOL SOLUTION, 3, II

#### Air Transport (IATA DGR)

UN number	UN1170
Proper Shipping Name	ETHANOL SOLUTION
Hazard Class	3
Packing Group	II
Description	UN1170, ETHANOL SOLUTION, 3, II

### 15. REGULATORY INFORMATION

<b>National regulations</b>	Globally Harmonised System of Classification and Labelling of Chemical (GHS) as published by Safework Australia.
<b>Poison schedule</b>	Classified as a Schedule 5 using the criteria in the Standard for the Uniform Scheduling of Medicine and Poisons (SUSMP).
<b>Classification</b>	Globally Harmonised System of Classification and Labelling of Chemical (GHS) as published by Safework Australia.
<b>Inventory listing</b>	AICS (Australian Inventory of Chemical Substances): All components are listed on AICS, or are exempt

### 16. OTHER INFORMATION

The information and recommendations in this document is prepared to the best of our knowledge and belief, and is accurate and reliable as to the available data at the date of issue. This information is intended only as a guide for safe handling, use, processing, storage and release and is not to be considered a warranty or quality specification. It is the responsibility of the user to evaluate this information and to use it in a manner that is consistent for his/her particular purpose.

<b>SDS Code</b>	<b>SDS-HS1 Rev 2</b>	<b>Next Revision</b>	09 March 2026
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