

**TASMAN CHEMICALS**

"Tasman trusted products"

MATERIAL SAFETY DATA SHEET

ALCOHOL HAND SANITISER

SECTION 1 – IDENTIFICATION

Product Name **ALCOHOL HAND SANITISER**

Supplier TASMAN CHEMICALS PTY LTD
ACN : 005 072 659
Street Address 1-7 Bell Grove, Braeside ,
Victoria 3195 AUSTRALIA

Telephone Number (03) 9587 6777
Facsimilie (03) 9587 5255
Email taschem@taschem.com.au
Website www.tasmanchemicals.com.au

Emergency Telephone Number 1 800 334 556

SECTION 2 – HAZARDS IDENTIFICATION

Hazardous according to criteria of Safe Work Australia.

Hazard Category : F Flammable

Risk Phrases

R10 Flammable
R20/22 Harmful by inhalation and if swallowed
R36 Irritating to eyes

Safety Phrases

S2 Keep out of reach of children.
S7/9 Keep container tightly closed and in a well ventilated place.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

Alcohol Hand Sanitiser is classified as **Dangerous Goods Class 3** according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>Proportion (%m/m)</u>
Water	7732-18-5	M
Ethanol	64-17-5	VH
Glycerine	56-81-5	L
Triethanolamine	102-71-6	L
Thickening agent	Proprietary	L

VH>60% H>30-60% M=10-30% L=<10%

SECTION 4 – FIRST AID MEASURES

First Aid

Swallowed:	If a minor amount has been accidentally swallowed, then if conscious, give large amounts of water. Do not allow further work until fitness for duties is established. Do not attempt to induce vomiting or give anything by mouth to an unconscious person. Seek medical attention.
Eye:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting upper and lower eyelids. Take out contact lenses if possible. Seek medical attention.
Skin:	Not an irritant
Inhaled	Remove to fresh air. If there are signs dizziness, nausea or headache occurs, seek immediate medical attention.

Advice to Doctor

Treat symptomatically. The product is based on common alcohol as found in wines and spirit

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishers:	Use foam, water fog or carbon dioxide.
Combustion Products:	Will produce carbon dioxide and water vapours.
Fire PPE:	Wear fully self-contained breathing apparatus.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedure: Prevent spillage from spreading by damming with an inert material such as sand or soil. If necessary, notify Emergency Services.

Spills and Disposal: Contain all spills, absorb with inert material and store in labelled drums. Dispose of in landfill. Residues may be washed to sewage system

SECTION 7 – HANDLING AND STORAGE

Handling : Avoid eye contact

Storage : Under normal weather conditions store in a well-ventilated area. Keep containers closed at all times when not in use. Check regularly for leaks. Remove drum bungs slowly to release any internal pressure. Keep clear of sources of ignition.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits : TWA - 1000 ppm (1880 mg/m³) Exposure Standards (TWA) is the time-Weighted average airborne concentration over an eight-hour working day, for a five day working week over an entire working life. According to current knowledge this concentration should neither impair the health or, cause undue discomfort to, nearly all workers.

Engineering Control Measures : Local exhaust ventilation and/or mechanical (general) exhaust is recommended where vapours are likely to be generated. All such equipment must be intrinsically safe.

Personal Protective Equipment :

Eye:	Not applicable	Hands:	Not applicable
Other:	Not applicable	Respirator:	Not applicable

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear water white gel	Specific Gravity: 0.890
Flash Point: 25 deg C	pH: approx 7
Vapour Pressure: Unknown	Flammability Limits: Not Available
Solubility: 100 % in Water	Odour: Alcoholic
Vapour Density: Unknown	Melting Point: Less than 0 deg C
Autoignition Temperature: Unknown	Volatile Component 98%
Boiling Range: approx 80 deg C	Viscosity: Approx 6000 cSt

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability:	This product is expected to be completely chemically stable
Conditions to avoid:	Any source of ignition.
Incompatible Materials:	Compatible with all materials of construction
Hazardous Decomposition Products:	None
Hazardous Reactions:	Contact with strong oxidising agents may cause a dangerous exothermic reaction.

SECTION 11 – TOXOLOGICAL INFORMATION

Health Effects

No adverse health effects expected if the material is handled in accordance with the Material Safety Data Sheet. Symptoms that may arise if the material is mishandled are :

Acute Effects (Short Term)

Swallowed: May cause severe alcoholic poisoning. Do not induce vomiting but give a glass of water or milk to drink. Seek IMMEDIATE medical assistance.

Eye: Will cause mild short term irritation

Skin: Not an irritant

Inhalation: Harmful by inhalation. May cause nausea, vomiting and dizziness. May cause irritation of mouth and throat

Chronic Effects (Long Term)

Long term effects include alcohol dependency and damage to internal organs, particularly the liver

SECTION 12 – ECOLOGICAL INFORMATION

Avoid contaminating waterways as the product is expected to have a serious effect on waterborne organisms.

SECTION 13 – DISPOSAL CONSIDERATIONS

Containers should be thoroughly rinsed before disposal to land fill or recycling. In addition labels should be defaced to indicate that container has been cleaned.

SECTION 14 – TRANSPORT INFORMATION

Not classified as a Dangerous Good by the Criteria of the Australian Dangerous Good Code

Proper Shipping Name :	ETHANOL SOLUTIONS(ETHYL ALCOHOL)		
UN Number :	1170	Dangerous Goods Class :	3
Hazchem Code :	2[Y]E	Packing Group :	II
Subsidiary Risk :	Not applicable		

SECTION 15 – REGULATORY INFORMATION

Classification Based upon information, classified as hazardous according to criteria of Safe Work Australia

Poisons Schedule Not Applicable

SECTION 16 – OTHER INFORMATION

Contact Points

<u>Organisation</u>	<u>Location</u>	<u>Telephone</u>	<u>Ask For</u>
Tasman Chemicals Pty Ltd	Braeside, Victoria, Australia	(03) 9587 6777	Technical Manager
Poisons Information Centre		13 1126	

MSDS are updated frequently. Please ensure that you have a current copy.

This MSDS summarises our best knowledge of the health and safety hazard information of the product; how to safely handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Tasman Chemicals Pty Ltd. Our responsibility for products sold are subject to our standard terms and conditions, a copy of which appears on all invoices. It is also available on request. Where health or safety data given discloses a risk to the user or environment, it is the responsibility of the Purchaser to pass on that information to employees or those who may be using the product, ensuring that adequate safety procedures are used including good industrial hygiene.