

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name : Hand Sanitizer
Other Name(s): -
Recommended Use: Gel for hand sanitization
Supplier: Dresslier & Co (Australia) Pty Ltd
Address: 42 Stradbroke Road,
Newton,
South Australia,
5074
Telephone: +61 8 8337 6177
Emergency Telephone: 61 8 8337 6177

2. HAZARDS IDENTIFICATION

Hazard Classification: Classified as **Hazardous** according to the Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008] 3rd Edition.
Classified as **Dangerous Goods** according to the Australian Code for the Transport of Dangerous Goods by Road & Rail.

Risk Phrases: R11 – Highly Flammable
R20/22 – Harmful by inhalation and if swallowed
R36/38 – Irritating to eyes and skin
R66 – Repeated exposure may cause skin dryness and cracking

Safety Phrases: S9 – Keep container tightly closed and in a well-ventilated place
S16 – Keep away from sources of ignition – no smoking
S23 – Do not breathe vapour
S25 – Avoid contact with eyes and skin
S36/37 – Wear suitable protective clothing/gloves and eye/face protection

ADG Classification: Class 3 (ETHANOL SOLUTION)
UN Number: 1170

3. COMPOSITION/INFORMATION ON INGREDIENTS

Alcohol Denat., Aqua, Glycerine, Polyquaternium-37, Propylene Glycol Dicaprylate / Dicaprate, PPG-1 Trideceth-6, Coceth-7, PPG-1-PEG-9 Lauryl Glycol Ether, PEG-40 Hydrogenated Castor Oil, Parfum, Linalool

4. FIRST AID MEASURES

If there are signs of drunkenness (intoxication or inebriation) then serious health effects may follow (depending on the amount swallowed or inhaled). Immediate medical attention should be sought and the affected person transferred and accompanied to the care of a doctor or hospital. Treat unconsciousness by placing the person in the coma position. Apply artificial respiration if breathing stops

Ingestion:	See above. If a minor amount has been accidentally swallowed, then, if conscious, dilute stomach contents by giving large amounts of water. Do not attempt to induce vomiting or give anything by mouth to an unconscious person. Seek medical attention.
Eye:	Flush eye with water for a minimum of 15 minutes. Seek medical attention promptly if irritation persists or any loss of vision occurs.
Skin:	Remove contaminated clothing. Wash skin with water. Launder contaminated clothing before re-use.
Inhalation:	Remove promptly to fresh air. If there are signs of drunkenness (intoxication or inebriation) or respiratory irritation, dizziness, nausea or headache occurs, seek immediate medical attention
First Aid Facilities:	Workcover recommends first aid facilities appropriate to the size of the workplace.
Advice to Doctor:	Treat symptomatically and as for a narcotic substance.

5. FIRE FIGHTING MEASURES

Flammability:	Highly flammable liquid. May form flammable mixtures with air. Burns with a colourless flame. The vapour is heavier than air and may travel along the ground; distant ignition and flash back are possible.
Extinguishing media:	Alcohol-resistant foam is the preferred firefighting medium but, if it is not available, fine water spray can be used. Water fog, fine water spray, dry chemical or carbon dioxide may also be used
Hazards from combustion products:	Burning can produce carbon monoxide and/or carbon dioxide
Precautions for fire fighters:	Highly flammable liquid. Contain spill. Full fire kit and breathing apparatus is required. Use water to cool exposed containers. Heating can cause expansion or decomposition leading to violent

rupture of containers. If safe to do so, remove containers from path of fire.
Spills and leaks may be washed away with copious volumes of water, fog or spray. Prevent run-off from entering drains and watercourses.

Hazchem code: ·2YE

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures: In the event of a spill eliminate all sources of ignition and take measures to prevent static discharge. No smoking. Use water spray to disperse vapour. Clear area of all personnel not directly involved in the clean up.
All personnel involved in the containment and disposal procedures to wear protective equipment as described in Section 8 to prevent skin and eye contamination and inhalation of vapours.
Ventilate area well and ensure the atmosphere is safe before personnel return to the work area.

Methods for containment and clean up: Contain spill to prevent contamination of drains. Use absorbent material. Collect and seal in properly labeled containers for disposal. Wash area down with water to remove residual material. Spills can be converted to non-flammable mixtures by dilution with water.

7. HANDLING AND STORAGE

Precautions for handling : Avoid eye contact. Repeated or prolonged skin contact should be avoided.

Conditions for safe storage: Store in original containers in a cool, dry, well ventilated area and out of direct sunlight. Store away from foodstuff containers.

Storage incompatibility: None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

SWA exposure limits

SWA Exposure limits	TWA (mg/m ³)	STEL (mg/m ³)
Ethanol	1880	Not set

Biological limit values: No special equipment is usually needed when occasionally handling small quantities

Engineering controls: No special equipment is usually needed when occasionally handling small quantities

PPE: No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: This product should only be used where there is ventilation that is adequate to keep exposure below the TWA levels. The use of exhaust fans is strongly recommended.

Eye Protection: Eye protection is recommended when these products are being used. You are strongly encouraged to wear protective glasses or goggles.

Skin Protection: We suggest that routine unprotected and long term contact with these products should be avoided and that suitable gloves should be worn during use.

Protective Material Types: We suggest that protective clothing be made from the following materials: rubber, PVC.

Respirator: Usually, no respirator is necessary when using this product

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colourless opaque gel
Odour:	Ethanolic
pH (5 % solution):	Not applicable
Boiling Point:	Approximately 80°C
Melting Point:	Not applicable
Solubility in water:	Miscible
Density:	0.7 – 0.9 g/cm ³
Flash Point:	22°C
Flammability Limits:	LEL: 3.3% UEL: 19%
Ignition temperature:	363°C
VOC content:	60 – 70%
Viscosity:	3,500 – 6,500 mPa.s

10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions.
Conditions to avoid:	Excessive heat and direct sunlight.
Incompatible materials:	Oxidising agents.
Hazardous decomposition:	Carbon monoxide and carbon dioxide

11. TOXICOLOGICAL INFORMATION

Potential health effects if:

Ingested:	Cause irritation and is harmful if directly introduced to the mouth, throat, or stomach. Symptoms may include vomiting, abdominal pain, and nausea.
Eye:	May cause moderate to severe irritation to eyes, including redness and stinging.
Skin:	Repeated or prolonged skin contact will lead to skin dryness and cracking.
Inhaled:	Cause irritation and is harmful if directly introduced to the mouth, throat, or stomach. Symptoms may include vomiting, abdominal pain, and nausea.

12. ECOLOGICAL INFORMATION

It is not likely to accumulate in the soil or water or cause long term problems.

13. DISPOSAL CONSIDERATIONS

Waste disposal: In accordance with local authorities.

14. TRANSPORT INFORMATION

UN Number:	1170
ADG Code:	Class 3; Ethanol Solution
Dangerous Goods Class:	Flammable liquids
Hazchem Code:	·2YE

Classified as **Dangerous Goods** according to the Australian Code for the Transport of Dangerous Goods by Road & Rail.

15. REGULATORY INFORMATION

Poisons Schedule: None

16. OTHER INFORMATION

Date of MSDS revision: 20th February, 2023

This MSDS summarises to our best knowledge of the health and safety hazard information of the product and offers general guidance on how to safely handle the product in the workplace. Each user must, prior to usage, assess and control the risks arising from its use of the product in the home or workplace, including in conjunction with other products.