

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name: LL4675 Liberty Hand Sanitizer Spray 15 ml
Company Name: Logo-Line Pty Ltd
Company Address: 18 Moonbi St
 Brendale, QLD, 4500
Emergency Phone: Logo-Line 07 3881 0880
 0422 778187
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS#	% By Weight
1) Water	7732-18-5	33.000
2) Ethyl Alcohol	64-17-5	62.700
3) Glycerine	56-81-5	2.000
4) Carbomer	9007-20-9	0.800
5) Aloe extract	N/A	0.600
6) D-panthenol	81-13-0	0.100
7) Glydant Plus	6440-58-0	0.500
8) Perfume	N/A	0.300

3. HAZARD IDENTIFICATION

Potential Acute Health Effects: Eyes, nose and throat irritation.
Statement of Hazardous Dangerous Nature: Highly flammable. Classified as hazardous according to NOHSC criteria and classified as a DG according to Australian Dangerous Goods Code.
Risk Phrase: R11 - Highly Flammable
Safety Phrases: S2 - Keep out of reach of children: S7 - Keep container tightly closed
 S16 - Keep away from sources of ignition.
Potential Chronic Health Effects: No information found.
Carcinogenic Effects: None of the ingredients in this product is listed by NTP, IARC or OSHA as a carcinogen.

4. FIRST-AID MEASURES

Eye Exposure: Hold eyelids apart and flush with plenty of water for at least 15 minutes, or as advised by the Poisons Information Centre or a doctor.
Skin Contact: Safe for skin contact when used in accordance with label directions. Exposure to unusually large quantities, remove contaminated clothing and wash exposed surfaces with soap and water.
Inhalation: Not normally required. If patient overcome, move to fresh air.
Ingestion: **DO NOT** induce vomiting, give water or milk to drink and seek advice from the **Poisons Information Centre (131126)**.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Use carbon dioxide, foam or dry chemical.
Unsuitable extinguishing media: **DO NOT** use water unless in deluge quantities.
Specific Hazards, methods or equipment: Wear fire fighting protective equipment and a full-faced self contained breathing apparatus.
Additional information: Hazchem Code - 3[Y]E

MATERIAL SAFETY DATA SHEET

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	None normally required with adequate ventilation. Slippery when spilled.
Waste Disposal Methods:	Restrict access to area until completion of cleanup. Stop leak if safe to do so. Contain spill with absorbent material, such as towelling, sand, vermiculite or other inert material. Remnants may be washed away with copious amounts of water. Collect and dispose of spilled material according to local regulations.
Environmental Precautions:	Eliminate ignition sources. Ventilate area. Dilution with water will reduce the risk of fire hazard.

7. HANDLING AND STORAGE

Store in cool, dry, well ventilated area. Protect from physical damage, heat, ignition sources and oxidizing agents. Keep containers closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Specific Control Parameters (e.g. TLV):	O-E-760D
Respiratory Protection:	Active carbon respirator.
Hand Protection:	None normally required.
Eye Protection:	Safety glasses with splash-guard.
Skin Protection:	No special recommendations.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Transparent liquid
Odour:	Ethanol odour.
pH:	4.5~8.5(10% in water)
Specific Gravity:	0.8~1.0g/cm ³
Viscosity:	≥8000mPa.s
Boiling Point:	=77.8C, 172.F
Flash Point:	=12.8C, 55.F
Auto Ignition Temperature:	=422.8C, 793.F
Explosive Properties:	Explosion hazard is moderate when exposed to flame. Combustion or heat of fire may produce hazardous decomposition products and vapours.
Solubility In Water:	Completely miscible.

10. STABILITY AND REACTIVITY

Stability:	The product is Stable.
Reactivity:	No reaction.
Materials To avoid:	Heat and ignition sources.
Hazardous decomposition products:	Carbon dioxide is formed during combustion.

11. TOXICOLOGICAL INFORMATION

Sensitization:	According to our data base, the product is not allergic.
Human exposure tests:	No adverse effects when used under normal conditions of use in accordance with label directions.

12. ECOLOGICAL INFORMATION

Persistence and degradability:	The product is easy to decompose.
Environmental protection:	No adverse effects expected when used under normal conditions of use. Large releases expected to be harmful to fish, aquatic invertebrates, algae and microorganisms. Mobile in soil.

13. DISPOSAL CONSIDERATIONS:

Waste Material:	Refer to State/Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Rinse empty containers thoroughly before disposing to an authorised landfill.
Contaminated Packaging:	Observe local regulations.

14. TRANSPORT INFORMATION

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADGC).

UN Number:	1170
Class and Subsidiary Risk:	3 - Flammable
Packing Group:	III
Special Precautions For User:	Not applicable.
Hazchem Code:	3[Y]E

MATERIAL SAFETY DATA SHEET

15. REGULATORY INFORMATION

Packaging & Labelling: Defined as a Dangerous Goods by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

LEGAL DISCLAIMER: The information in this product safety data sheet is based on the present state of the product at the time of publication. This information only describes safety measures and no liability arising out of the use, or application of the material described herein is accepted. It is the users responsibility to determine safe conditions for the use of this product.

Date of Preparation: **20/06/18**