

# 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  
**Alternate:** 0419 353 301  
**Fax:** 07 3881 0232  
**E-Mail:** [wayne@logo-line.com.au](mailto:wayne@logo-line.com.au)

## 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

| 6. ACCIDENTAL RELEASE MEASURES   |  |
|--|--|
| <b>Personal Precautions:</b>   | None normally required with adequate ventilation.<br>Slippery when spilled.  |
| <b>Waste Disposal Methods:</b>   | 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.<br>Remnants may be washed away with copious amounts of water.<br>Collect and dispose of spilled material according to local regulations. |
| <b>Environmental Precautions:</b>  | 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   |  |
| <b>Specific Control Parameters (e.g. TLV):</b>   | O-E-760D   |
| <b>Respiratory Protection:</b>   | Active carbon respirator.  |
| <b>Hand Protection:</b>  | None normally required.  |
| <b>Eye Protection:</b>   | Safety glasses with splash-guard.  |
| <b>Skin Protection:</b>  | No special recommendations.  |
| 9. PHYSICAL AND CHEMICAL PROPERTIES  |  |
| <b>Appearance:</b>   | Transparent liquid   |
| <b>Odour:</b>  | Ethanol odour.   |
| <b>pH:</b>   | 4.5~8.5(10% in water)  |
| <b>Specific Gravity:</b>   | 0.8~1.0g/cm <sup>3</sup>   |
| <b>Viscosity:</b>  | ≥8000mPa.s   |
| <b>Boiling Point:</b>  | =77.8C, 172.F  |
| <b>Flash Point:</b>  | =12.8C, 55.F   |
| <b>Auto Ignition Temperature:</b>  | =422.8C, 793.F   |
| <b>Explosive Properties:</b>   | Explosion hazard is moderate when exposed to flame.<br>Combustion or heat of fire may produce hazardous decomposition products and vapours.  |
| <b>Solubility In Water:</b>  | Completely miscible.   |
| 10. STABILITY AND REACTIVITY   |  |
| <b>Stability:</b>  | The product is Stable.   |
| <b>Reactivity:</b>   | No reaction.   |
| <b>Materials To avoid:</b>   | Heat and ignition sources.   |
| <b>Hazardous decomposition products:</b>   | Carbon dioxide is formed during combustion.  |
| 11. TOXICOLOGICAL INFORMATION  |  |
| <b>Sensitization:</b>  | According to our data base, the product is not allergic.   |
| <b>Human exposure tests:</b>   | No adverse effects when used under normal conditions of use in accordance with label directions.   |
| 12. ECOLOGICAL INFORMATION   |  |
| <b>Persistence and degradability:</b>  | The product is easy to decompose.  |
| <b>Environmental protection:</b>   | 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:   |  |
| <b>Waste Material:</b>   | Refer to State/Territory Land Waste Management Authority.<br>Dispose of material through a licensed waste contractor. Rinse empty containers thoroughly before disposing to an authorised landfill.  |
| <b>Contaminated Packaging:</b>   | Observe local regulations.   |
| 14. TRANSPORT INFORMATION  |  |
| Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADGC).   |  |
| <b>UN Number:</b>  | 1170   |
| <b>Class and Subsidiary Risk:</b>  | 3 - Flammable  |
| <b>Packing Group:</b>  | III  |
| <b>Special Precautions For User:</b>   | Not applicable.  |
| <b>Hazchem Code:</b>   | 3[Y]E  |

**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:** **17/07/2013**