

## MATERIAL SAFETY DATA SHEETS

**Product : Handicare Hand Sanitiser**

Product Code: DL1409 - Handicare Hand Sanitiser Gel in 500mL Bottle, DL1411 - Handicare Hand Sanitiser Gel in 60mL PET bottle, HSN05BT – Mun Hand Sanitiser Gel in 500mL Bottle

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Handicare Hand Sanitiser

**Recommended Use:** Handicare Hand Sanitiser is used for sanitising, cleansing and refreshing skin and hands after or when concerned about infection risk events. It can be used without water and can be left to dry on hands and skin without rinsing.

Contact Information Organisation	Location	Telephone
Dentalife Australia Pty Ltd	Factory 9 / 505 Maroondah Highway	+61 3 9879 1226
	Ringwood VIC 3134 Australia	
Poisons Information Centre (24 hour, 7 days a week) in an emergency :		13 11 26

### 2. HAZARD IDENTIFICATION

2.1 **Classification:** Hazardous Substance. Dangerous Goods.

2.2 **Signal Word:** Warning

2.3 **Label Elements: Pictograms**



Flammable

2.4 **Hazard Statements:**

H225 Highly Flammable Liquid and vapour

H320 Causes irritation to eyes

H336 Vapours may cause drowsiness and dizziness

2.5 **Precautionary Statements:**

P210 Keep away from sources of ignition, no smoking

P262 Do not get in eyes, on skin, or on clothing

P305 If in Eyes: rinse immediately with plenty of water and seek medical advice.

2.6 **Storage Statements:** No storage statements

2.7 **Disposal Statements**

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Composition</u>	<u>CAS No.</u>	<u>Proportion %</u>
Ethanol	64-17-5	> 60% v/v
Inert Ingredients	-	< 10%
Purified Water		>30%

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### 4. FIRST AID MEASURES

#### 4.1 Description of Necessary First Aid Measures

- Ingestion:** Do not induce vomiting. Give large amount of water. Seek medical attention.
- Eye:** Flush with water for 15 minutes. If irritation persists, seek medical attention.
- Skin:** Wash skin with soap and water.
- Inhalation:** Remove to fresh air. If irritation persists, seek medical attention.

#### 4.2 Medical Attention and Special Treatment

- First Aid Facilities:** Eye wash facilities should be provided in the work place.
- Comments:** Rubber or plastic gloves should be used when handling this solution..
- Advice to Doctor:** No additional information available.

### 5. FIRE FIGHTING MEASURES

- 5.1 Suitable Extinguishing Equipment:** Carbon dioxide, dry chemical, foam
- 5.2 Specific Hazards Arising From The Chemical:** None
- 5.3 Special Protective Equipment and Precautions For Fire Fighters:** Sealed overall.  
A self-contained breathing apparatus is recommended to limit exposures to combustion products when fighting any fire.

### 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:** Follow recommended precautions listed in other sections
- 6.2 Methods and Materials for Containment and Clean Up** Clean up spills immediately. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers for disposal
- 6.3 Environmental Precautions:** Material should not be allowed to drain into sewers.

## **MATERIAL SAFETY DATA SHEETS**

### **7. HANDLING AND STORAGE**

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| <b>7.1 Precautions for Safe Handling:</b>                                | Use in a well-ventilated area. Ensure containers are tightly closed upright and in a cool area.  |
| <b>7.2 Precautions in case of Fire and Explosion</b>                     | Extinguish all ignition sources  |
| <b>7.3 Conditions for Safe Storage, Including Any Incompatibilities:</b> | Store at ambient temperature. Keep out of reach of children. Do not ingest.  |
| <b>7.4 Suggested Container(s):</b>                                       | Keep in original sealed containers   |
| <b>7.5 Indication for Combined Storage:</b>                              | Avoid contact with oxidising agents.   |
| <b>7.6 Environmental precautions:</b>                                    | Do not allow product to reach sewers and rivers.   |
| <b>7.7 Other Precautions</b>   | Keep out of reach of children. Do not ingest. Avoid eye contact and contamination of food. Use according to directions on direct container |

### **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

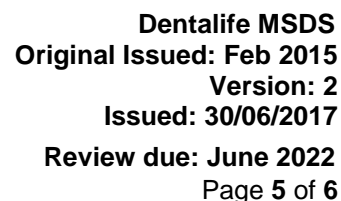
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|---|---|
| <b>8.1 National Exposure Standards:</b>     | Not exposure standard allocated.  |
| <b>8.2 Biological Limit Values:</b>         | No biological limit allocated.  |
| <b>8.3 Engineering Controls:</b>            | No engineering controls necessary.  |
| <b>8.4 Personal Protective Equipment:</b>   |   |
| <b>Respiratory protection:</b>              | Not required under normal conditions of use.  |
| <b>Eye protection:</b>                      | Safety glasses, goggles or face shield.   |
| <b>Hand protection:</b>                     | Rubber, latex or PVC gloves.  |
| <b>General safety and hygiene measures:</b> | Follow good housekeeping practices and good industrial hygiene in handling this material. |

**MATERIAL SAFETY DATA SHEETS****9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Physical Description / Properties**

<b>Appearance:</b>	Clear Colourless solution
<b>Odour:</b>	Characteristic alcohol odour
<b>pH:</b>	Not Applicable
<b>Boiling Point (°C):</b>	Approx 78°C (Ethanol)
<b>Flash point</b>	Not available
<b>Flammability:</b>	19% in air (upper); 3.5% in air (lower).
<b>Vapor Pressure:</b>	Ethanol = 44mm Hg @ 20°C Isopropyl Alcohol = 33mm Hg @ 20°C
<b>Solubility In Water (g/100 mL):</b>	100% in water
<b>Vapor Density (air = 1)</b>	Similar to water
<b>Freezing Point (°C):</b>	Not available
<b>Melting Point (°C):</b>	Not available
<b>Specific Gravity (@ 25°C):</b>	Approx 0.80 g/ml
<b>Other properties</b>	Used as a solvent and cleaning solution as well as industrial applications

**10. STABILITY AND REACTIVITY**

<b>10.1 Reactivity:</b>	Not relevant.
<b>10.2 Chemical Stability:</b>	The product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
<b>10.3 Conditions To Avoid:</b>	Keep away from sources of ignition – No smoking
<b>10.4 Incompatible Materials and Possible Hazardous Reactions:</b>	None
<b>10.5 Hazardous Decomposition Products:</b>	No data available
<b>10.6 Hazardous reactivity (polymerization):</b>	Does not occur.



## 11. TOXICOLOGICAL INFORMATION

## 12. ECOLOGICAL INFORMATION

**12.5 Other Adverse Effects:** No adverse effects are predicted.

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### 13. DISPOSAL CONSIDERATIONS

- 13.1 **Disposal Method:** Dispose of in accordance with all local, state and federal regulations.
- 13.2 **Disposal of Contaminated Packaging:** Disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility.
- 13.3 **Environmental Regulations:** Characteristic hazardous waste-flammable liquid..

### 14. TRANSPORT INFORMATION

- 14.1 **UN Number:** 1987.
- 14.2 **UN Proper Shipping Name:** Not applicable.
- 14.3 **Dangerous Goods Class:** 3.1
- Packing Group:** II.
- 14.4 **Environmental Hazards:** Not applicable.
- 14.5 **Special Precautions During Transport:** Not applicable.
- 14.6 **HAZCHEM Code:** 2 [Y] E.
- Additional Shipping Information:** Not applicable

### 15. REGULATORY INFORMATION

- 15.1 **SUSDP Poisons Schedule:** None allocated.
- 15.2 **Prohibition / Licensing Requirements:** There are no applicable prohibition or notification / licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.
- 15.3 **Industrial Chemicals (Notification and Assessment) Act 1989:** All ingredients are listed on or exempt from the Australia Inventory of Chemical Substances (AICS).

Product is regulated by the TGA in Australia. This product complies under ARTG 224693

### 16. OTHER INFORMATION

Product is considered safe if used as intended

**Disclaimer:**

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