



Dentalife MSDS
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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 Ringwood VIC 3134 Australia	+61 3 9879 1226
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.



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7. HANDLING AND STORAGE

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

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



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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical Description / Properties

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

10. STABILITY AND REACTIVITY

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



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11. TOXICOLOGICAL INFORMATION

11.1 Likely Route of Exposure: Inhalation Skin contact Ingestion

11.2 Health Effects From Likely Route of Exposure:

Acute

Ingestion: Low toxicity unless swallowed in large amounts. If a minor amount has been accidentally swallowed, then if conscious, give large amounts of water. Low toxicity unless swallowed in large amounts. If a minor amount has been accidentally swallowed, then if conscious, give large amounts of water.

Eye: Solution will sting eyes.

Skin: May irritate broken skin if applied undiluted

Inhalation: Moderately irritating to the respiratory tract and mucous membrane. Inhalation of the vapour may result in headaches, nausea and vomiting. High concentrations may cause central nervous system symptoms similar to "swallowed" above

Chronic

Ingestion / Inhalation: Chronic intoxication by swallowing or repeated inhalation, may cause degenerative changes in the liver, kidneys, hair, gastrointestinal tract and heart muscle

Skin: Repeated or prolonged contact may lead to dermatitis with redness, itching, swelling and possible secondary infection. A small proportion of people exposed to repeated skin contact may develop an allergic skin reaction

11.3 Other Information: Persons with pre-existing liver impairment, skin and respiratory disorders may be at risk from exposure. Ethanol may also cause adverse reproductive effects. Concurrent absorption of ethanol and some drugs may cause adverse health effects. *No acute or chronic toxic effects expected when used according to directions*

12. ECOLOGICAL INFORMATION

This product has no known ecological hazardous effects

- 12.1 Ecotoxicity: Not data available.
- 12.2 Persistence and Degradability: Not data available.
- 12.3 Bioaccumulation Potential: No information available.
- 12.4 Mobility in Soil: No information available.
- 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:

This information is provided based on our current knowledge and is intended to describe the product for the purpose of health, safety and environment requirements only. Dentalife Pty Ltd makes no representation, guarantee or warranty, expressed or implied, as to the accuracy, reliability or completeness of the information and assumes no responsibility for injury, damage or loss resulting from the use of the material. Since Dentalife Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product.

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