



## MATERIAL SAFETY DATA SHEET

**Product :** *ALCOHOL 95/5*

**Product Code :** DL5310 – 125mL Dispensing bottle

### SECTION 1 IDENTIFICATION OF THE MATERIAL

**Product name :** Alcohol 95/5

**Uses/Application:** Used as source of ethanol for rapid drying of surfaces and as cleaning solution and solvent. Ethanol denatured with 5% Isopropyl alcohol.

**Manufacturer / Supplier (Name, address and info phone number)**

**Dentalife Australia Pty Ltd**  
Factory 9 / 505 Maroondah Highway,  
Ringwood, VIC 3134

**Telephone**

(03) 9879 1226

International : +61 3 9879 1226

**Fax Number**

(03) 9879 1376

International : +61 3 9879 1376

**Email**

[admin@dentalife.com.au](mailto:admin@dentalife.com.au)

**Poisons Information Centre** (24 hour, 7 days a week) in an emergency : 13 11 26

### SECTION 2 HAZARDS IDENTIFICATION

<b>Hazard</b>	Classified as hazardous according to criteria of NOHSC
<b>Classification</b>	DANGEROUS GOODS 3.1
<b>Risk Phrase(s)</b>	R11 Highly flammable R36 Irritating to eyes R67 Vapours may cause drowsiness and dizziness
<b>Safety Phrase(s)</b>	S16 Keep away from sources of ignition – No smoking S24/25 Avoid contact with skin and eyes S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S7 Keep container tightly closed
<b>Environmental</b>	Non-hazardous



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### Hazards

#### SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

<u>Composition</u>	<u>CAS No.</u>	<u>Proportion</u>
Ethanol	64-17-5	95%
Isopropyl alcohol	67-63-0	5%

#### SECTION 4 FIRST AID MEASURES

**Treatment for eye contact :** Flush with water for 15 minutes. If irritation persists, seek medical attention.

**Treatment for skin contact :** Wash skin with soap and water.

**Treatment for inhalation (breathing) :** Remove to fresh air. If irritation persists, seek medical attention.

**Treatment for ingestion (swallowing) :** Give large amount of water. Induce vomiting in a conscious person by giving syrup of Ipecac, if available. If symptoms persist, seek medical attention.

**First Aid Facilities :** Rubber or plastic gloves should be used when handling.

#### SECTION 5 FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Carbon dioxide, dry chemical, foam.

**Forbidden extinguishing media:** Not determined.

**Special fire fighting measures:** None.

**Unusual fire and explosion hazards:** None.

**Special protection equipment:** Sealed overall.

#### SECTION 6 ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Follow recommended precautions listed in other sections.

**Environmental Precautions:** Material should not be allowed to drain into sewers.

**Reclaiming Methods :** Waste resulting from the use of this product must be disposed of in accordance with local regulations.

**Containment and clean up procedures :** Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers for disposal.

#### SECTION 7 HANDLING AND STORAGE



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**Handling Precautions:** Ensure containers are tightly closed, upright and stored in a cool area.

**Precautions in case of Fire and Explosion:** Extinguish all ignition sources.

**Storage Conditions:** Store at ambient temperature.

**Suggested container(s):** Original sealed containers provided by manufacturer.

**Indication for Combined Storage:** Avoid contact with oxidising agents.

**Environmental precautions:** Do not allow product to reach sewers and rivers.

**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.

### SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	Not required under normal conditions of use.
Hand protection:	Rubber, latex or PVC gloves.
Eye protection:	Safety glasses, goggles or face shield.
General safety and hygiene measures:	Follow good housekeeping practices and good industrial hygiene in handling this material.

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, colourless solution

Odour: Characteristic alcohol odour

pH: Not applicable

Boiling point: Approx. 78 °C (ethanol)

Vapour Pressure : Ethanol = 44mm Hg at 20°C  
Isopropyl Alcohol = 33mm Hg at 20°C

Flammability: 19% in air (upper)  
3.5% in air (lower)

Specific gravity: Approx. 0.80 g/ml

Solubility: 100% in water

Vapour density (air = 1): Similar to water



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Evaporation rate (n-butane = 1): Not available

Other Properties: Used as a solvent and cleaning solution as well as industrial applications.

### SECTION 10 STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions

**Conditions to avoid:** Keep away from sources of ignition – No smoking

**Materials to avoid:** None

**Hazardous decomposition products:** No data available.

**Hazardous reactivity (polymerization):** Does not occur.

### SECTION 11 TOXICOLOGICAL INFORMATION

#### Acute

- Swallowed :** Low toxicity unless swallowed in large amounts. If a minor amount has been accidentally swallowed, then if conscious, give large amounts of water. If swallowed in large amounts, effects may include excitation, euphoria, headache, dizziness, drowsiness, blurred vision, fatigue, tremors, convulsions, loss of consciousness, coma, respiratory arrest and death, including optical nerve (visual) damage. Severe acute intoxication may cause hypoglycaemia, hypothermia and extensor rigidity. Other effects may include decreased blood pressure, vomiting blood and blood changes.
- Eye :** The vapour is irritating to the eyes. Liquid and mists may severely irritate or damage the eyes.
- Skin :** Moderately irritating to the skin. Brief contact may cause redness. 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.
- Inhaled :** 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 :** Chronic intoxication by swallowing or repeated inhalation, may cause



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degenerative changes in the liver, kidneys, hair, gastrointestinal tract and heart muscle.

*Special Toxic Effects :* 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.

### SECTION 12 ECOLOGICAL INFORMATION

This product has not known ecological hazardous effects.

**Eco-toxicity:** Not available

**Mobility:** Not available

**Persistence and degradability:** Not available

**Bioaccumulative potential:** Not available

**Results of PBT (Persistent Bio-Toxicity) assessment:** Not available

**Other adverse effects:** Not available

### SECTION 13 DISPOSAL CONSIDERATIONS

**Disposal** Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility.

### SECTION 14 TRANSPORT INFORMATION

U.N. Number :	1987	Dangerous Goods Class :	3.1
Hazchem Code :	2[Y]E	Subsidiary Risk :	Not applicable
CAS Number :	64-17-5	Pack. Group. :	II



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This product is not considered to be a dangerous good within the meaning of transportation regulations.

### SECTION 15 REGULATORY INFORMATION

Poisons Schedule : Not Applicable

### SECTION 16 OTHER INFORMATION

Product is considered safe if used as intended. Do not allow smoking in areas where Alcohol 95/5 is handled or stored. Product is intended for Professional Dental or Medical Use only.

**This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. No warranty, either expressed or implied, is made with respect to the information or the product to which the information refers. Each user must review this MSDS in the context of how the product will be handled and used in the workplace.**

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