



MATERIAL SAFETY DATA SHEET

Product : IPA 70 % Clear & Blue 5L Hospital Grade Disinfectant

Product Code : DL0901 – IPA 70% Clear 5L Dispenser Pack
DL0911 – IPA 70% Blue 5L Dispenser Pack

SECTION 1 IDENTIFICATION OF THE MATERIAL

Product name : IPA 70% 5L Hospital Grade Disinfectant

Uses/Application: Antimicrobial solution, disinfecting agent. IPA 70% Clear and Blue are active against Gram +ve and Gram -ve bacteria. Bacterial spores are considered to be resistant. IPA 70% Clear and Blue can be used to disinfect surfaces such as tables, glass, dental bracket tables and trolleys. The IPA 70% Blue is a coloured solution to aid in identification in use.

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

Dentalife Australia Pty Ltd

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

SECTION 2 HAZARDS IDENTIFICATION

Hazard Classified as hazardous according to criteria of NOHSC

Classification DANGEROUS GOODS 3.1

Risk Phrase(s) R11 Highly flammable
R36 Irritating to eyes
R67 Vapours may cause drowsiness and dizziness

Safety Phrase(s) 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



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S7 Keep container tightly closed

Environmental Hazards Non-hazardous

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

<u>Composition</u>	<u>CAS No.</u>	<u>Proportion</u>
Isopropyl alcohol	67-63-0	70%
Purified water	7732-18-5	30%

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.



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SECTION 7 HANDLING AND STORAGE

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: Clear, colourless solution

BLUE: Iridescent , light blue coloured solution

Odour: Typical isopropyl alcohol odour

pH: Not applicable

Boiling point: 81 to 83°C

Flash point: 120 °C tag closed cup

Flammability: 12% in air (upper)
2% in air (lower)

Specific gravity: 0.87 g/ml



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Solubility: 100% in water

Vapour density (air = 1): Similar to water

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

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. May cause stomach pains, cramps, nausea and vomiting. Over 185mL swallowed may be fatal.

Eye : The vapour is irritating to the eyes above 400ppm. Direct contact with the liquid can cause severe irritation.

Skin : Brief exposures to vapour and liquid are not irritating but prolonged contact with liquid can be irritating.

Inhaled : Mild irritation to the nose, throat and respiratory tract above 400ppm. High concentrations can cause drowsiness and unconsciousness.

Chronic : Repeated skin contact can result in dryness and cracking (degreasing) of the skin. There are no other long term health effects expected.

SECTION 12 ECOLOGICAL INFORMATION

This product has not known ecological hazardous effects.

Eco-toxicity: Not available

Mobility: Not available



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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 :	1219	Dangerous Goods Class :	3.1
Hazchem Code :	2[S]E	Subsidiary Risk :	Not applicable
CAS Number :	67-63-0	Pack. Group. :	II

This product is considered to be a dangerous good within the meaning of transportation regulations.

SECTION 15 REGULATORY INFORMATION

Poisons Schedule : NA
Product is regulated by the TGA in Australia. This product complies under ARTG No.193323

SECTION 16 OTHER INFORMATION

Product is considered safe if used as intended. Do not allow smoking in areas where IPA 70% 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



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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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