MATERIAL SAFETY DATA SHEET

Product : Clinicare Hospital Grade Disinfectant Towelettes

(Clinicare Hospital Grade Disinfectant impregnated towelettes)

Product Code: DL2910 – *Clinicare* **Hospital Grade Disinfectant 220 Towelette Dispenser Pack**
DL2910R – *Clinicare* **Hospital Grade Disinfectant 220 Towelette Refill Pouch**
DL2950 – *Clinicare* **Premium Hospital Grade Disinfectant 225 Towelette Tub**

SECTION 1 IDENTIFICATION OF THE MATERIAL

Product name : **Clinicare Hospital Grade Disinfectant Towelettes**

Uses/Application:
Disinfectant and decontaminant cleaner for use on surfaces of inanimate objects including plastics, non-porous vinyl and upholstery, stainless steel, painted surfaces, glass and other hard surfaces .

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

DENTALIFE 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

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

SECTION 2 HAZARDS IDENTIFICATION

Hazard classification Towelettes impregnated with clear liquid.

Risk phrases of all ingredients
36 Irritating to eyes

Safety phrases of all ingredients
2 Keep out of the reach of children
7 Keep container tightly closed
23 Do not breathe vapour
25 Avoid contact with eyes
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Composition	CAS No.	Proportion
Benzethonium Chloride	121-54-0	0.2 to 0.3%
Isopropyl Alcohol	67-63-0	15 to 20%
Inert Ingredients	-	5 to 10%
Water	7732-18-5	to 100 %

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 : Was skin with soap and water.
Treatment for inhalation (breathing) : Remove to fresh air. If irritation persists, seek medical attention.
Treatment for ingestion (swallowing) : Do not induce vomiting. Give large amount of water. 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 firefighting measures: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

Unusual fire and explosion hazards: Flammable liquid and vapour

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

Handling Precautions: Avoid exposure to excessive heat.
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 acids.
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.

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SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

PEL/TLV: 400 ppm (Isopropyl alcohol)

ES-TWA: 400 ppm (Isopropyl alcohol)

ES-STEL: 500 ppm (Isopropyl alcohol)

No biological limit allocated

Exposure control measures

Precautionary Measures:

Ventilation:	*Local Exhaust Ventilation:* Adequate ventilation to maintain recommended exposure limits. *Special Ventilation:* None. *Mechanical (General) Ventilation:* Should be sufficient. *Other Ventilation:* Not applicable.
Respiratory Protection:	Not needed. Use the product in a well-ventilated area.
Hands Protection:	Wear gloves are recommended for handling the product.
Eyes Protection:	Safety glasses are recommended to prevent eye contact
Skin Protection:	Handle in accordance with good personal hygiene and safety practices.
Other Protective Equipment:	Lab coat or operating gown recommended.

Environment exposure control measures

Not Applicable.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Wetted towelettes
Odour:	Slight floral fragrance with background of alcohol
pH:	12.0 – 12.5 (solution)
Boiling point:	Not determined
Flash point:	28.3°C (Isopropanol)
Flammability:	Flammable
Lower Explosivity Limit (L.E.L.):	2%
Upper Explosivity Limit (U.E.L.):	12.7%
Oxidizing properties:	None
Vapour pressure:	Similar to water
Relative density:	Not applicable
Specific gravity (of liquid):	0.972 g/ml
Solubility (of liquid):	100% in water
Solubility (of towelette):	Insoluble in water or alcohol
Viscosity:	Not applicable
Vapour density (air = 1):	Similar to water
Evaporation rate (n-butane = 1):	Not available

Other information

Miscibility (of liquid):	Miscible with water.
Solubility in Lipids:	Not available
Conductibility:	Similar to water

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SECTION 10 STABILITY AND REACTIVITY

Stability: Stable solution
Conditions to avoid: Heat, sparks, flames and all other sources of ignition.
Materials to avoid (incompatibility): Avoid contact with acids.
Hazardous decomposition products: Oxides of Carbon.
Hazardous reaction: Will not occur

Other precautions:

Hazardous Polymerization Products: Will not occur

Safety significance in case of change in physical appearance: None known
Stabilizers: No stabilizers are present in this product

SECTION 11 TOXICOLOGICAL INFORMATION

CMR effects (Carcinogenicity, Mutagenicity and toxicity for reproduction):
The product contains Methyl Salicylate, which has shown evidence of teratogenicity in animals.
See also Section 16.
Effects and hazards of eye contact: May cause reversible damage.
Effects and hazards of skin contact: Not considered an irritant.
Effects and hazards of Inhalation (Breathing): May cause low or mild irritation.
Effects and hazards of Ingestion (Swallowing): May be harmful if swallowed.
Effects for prolonged Exposure: Unknown.
Toxic-kinetic effects: Unknown.
Effects on metabolism: Unknown.

Toxicological data for ingredients:

Isopropyl alcohol	LD_{50} (oral rat):	4570 mg/Kg
	LD_{50} (skin rabbit):	13400 mg/Kg
	LC_{50} (inhalation rat/4 hours):	30 mg/L

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

Aquatic toxicity data for ingredients:
Isopropyl alcohol: LC_{50} (fishes, 48 hours): 8970 mg/L

SECTION 13 DISPOSAL CONSIDERATIONS

Do not contaminate water, food or feed by storage and disposal
Pesticide Disposal: Unused product or wastes resulting from the use of this product may be disposed of according to applicable Federal, State, or local procedures.
Container Diposal: Offer for recycling, if available.

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SECTION 14 TRANSPORT INFORMATION

Transportation by Road/Railway (RID/ADR)

U.N. Number :	Not applicable	Dangerous Goods Class :	Not applicable
Hazchem Code :	Not applicable	Subsidiary Risk :	Not applicable
CAS Number :	See ingredients	Pack. Group. :	Not applicable

This product is not 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 AUST L 181266

SECTION 16 OTHER INFORMATION

Product is considered safe if used as intended.

Product is intended for professional healthcare 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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