

## SAFETY DATA SHEET

### Clinicare Alcohol Free Disinfectant

#### 1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product Name:	Clinicare Alcohol Free Disinfectant
Recommended Use:	Clinicare Alcohol Free Disinfectant is used for rapid decontamination and disinfection of hard, non-porous surfaces. Broad spectrum, multi-purpose disinfectant / cleaner for use on plastics, stainless steel, vinyl, upholstery, painted surfaces, glass, etc. Supports infection control procedures in hospitals, surgeries, clinics and other active environments.
Contact Information:	Dentalife Australia Pty. Ltd. Factory 9/505 Maroondah Highway Ringwood, VIC, 3134, Australia  Phone: +61 3 9879 1226
Emergency Telephone Number:	+61 3 9879 1226
Poisons Information Centre:	24 hour, 7 days a week in an emergency call: 13 11 26

#### 2. HAZARD IDENTIFICATION

NON-HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the WHS Regulations and the ADG Code.

Signal Word:	Not applicable
Hazard Pictograms:	Not applicable
Hazard Classifications:	Acute Aquatic Hazard Category 3, Chronic Aquatic Hazard Category 3
Hazard Statement:	H412 Harmful to aquatic life with long lasting effects
Prevention Precautionary Statements:	P273 Avoid release to the environment
Response Precautionary Statements:	Not applicable
Storage Precautionary Statements:	P403+P233 Store in a well-ventilated place. Keep container tightly closed.



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**Disposal Precautionary Statements:** P501 Dispose of contents/container in accordance with local, regional, national, and international regulations.

**Poison Schedule:** Not Applicable

### DANGEROUS GOOD CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

## 3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION %
Benzethonium Chloride	121-54-0	0.4
Cetrimide	8044-71-1	0.45
Polyaminopropyl Biguanide	32289-58-0	0.1
Ingredients determined to be Non-Hazardous	--	<10
Water	7732-18-5	to 100

## 4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

**Inhalation:** If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary

**Skin Contact:** If skin or hair contact occurs, immediately remove contaminated clothing including footwear. Flush skin and hair with running water (soap if available). Seek medical attention in event of irritation.

**Eye Contact:** If this product comes in contact with eyes:  
Wash out immediately with water.  
If irritation continues, seek medical attention.  
Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

**Ingestion:** Immediately give a glass of water.  
First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

**Indication of any immediate medical attention:** Treat symptomatically.

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### 5. FIRE FIGHTING MEASURES

Hazchem Code:	Not applicable
Extinguishing Media:	There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for surrounding area.
Fire Incompatibility:	Unknown
Fire Fighting:	<p>Alert Fire Brigade and tell them location and nature of hazard. Wear breathing apparatus plus protective gloves in the event of a fire.</p> <p>Prevent, by any means available, spillage from entering drains or water courses.</p> <p>Use firefighting procedures suitable for surrounding area.</p> <p><b>DO NOT approach</b> containers suspected to be hot.</p> <p>Cool fire exposed containers with water spray from a protected location.</p> <p>If safe to do so, remove containers from path of fire.</p> <p>Equipment should be thoroughly decontaminated after use.</p>
Fire/Explosion Hazard:	<p>Non-combustible.</p> <p>Not considered a significant fire risk, however containers may burn.</p>

### 6. ACCIDENTAL RELEASE MEASURES

Minor Spills:	<p>Clean up all spills immediately.</p> <p>Avoid breathing vapours and contact with skin and eyes.</p> <p>Control personal contact with the substance, by using protective equipment. Contain and absorb spill with sand, earth, inert material, or vermiculite. Wipe up.</p> <p>Place in a suitable, labelled container for waste disposal.</p>
Large Spills:	<p>Moderate hazard.</p> <ul style="list-style-type: none"><li>• Clear area of personnel and move upwind.</li><li>• Alert Fire Brigade and tell them location and nature of hazard. Wear breathing apparatus plus protective gloves</li><li>• Prevent, by any means available, spillage from entering drains or water course. Stop leak if safe to do so.</li><li>• Contain spill with sand, earth, or vermiculite.</li><li>• Collect recoverable product into labelled containers for recycling. Neutralise/decontaminate residue (see Section 13 for specific agent). Collect solid residues and seal in labelled drums for disposal.</li><li>• Wash area and prevent runoff into drains.</li><li>• After clean-up operations, decontaminate and launder all protective clothing and equipment before storing and re-</li></ul>

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using. If contamination of drains or waterways occurs, advise emergency services.

Personal precautions, protective equipment and emergency procedures: See section 8

Environmental precautions: See section 12

### 7. HANDLING AND STORAGE

**Handling:** Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Avoid contact with moisture. Avoid contact with incompatible materials. When handling, **DO NOT** eat, drink or smoke. Keep containers securely sealed when not in use. Avoid physical damage to containers. Always wash hands with soap and water after handling. Work clothes should be laundered separately. Launder contaminated clothing before re-use. Use good occupational work practice. Observe manufacturer's storage and handling recommendations contained within this SDS. Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained. **DO NOT** allow clothing wet with material to stay in contact with skin.

**Storage:** Store in a cool, dry, well-ventilated place. Keep containers closed when not in use - check regularly for leaks.

**Storage Incompatibility:** None known



+ - May be stored together.

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Occupational Exposure Limits (OEL)**

**Ingredient Data:** Not Available

**Emergency Limits**

Ingredient	TEEL-1	TEEL-2	TEEL-3
Clinicare Alcohol Free Disinfectant	Not Available	Not Available	Not Available

Ingredient	Original IDLH	Revised IDLH
Benzethonium Chloride	Not Available	Not Available
Cetrimide	Not Available	Not Available
Polyaminopropyl Biguanide	Not Available	Not Available

**Occupational Exposure Banding**

Ingredient	Occupational Exposure Band Rating	Occupational Exposure Band Limit
Benzethonium Chloride	E	≤ 0.01 mg/m <sup>3</sup>
Cetrimide	E	≤ 0.01 mg/m <sup>3</sup>
Polyaminopropyl Biguanide	E	≤ 0.01 mg/m <sup>3</sup>

**Notes:**

Occupational exposure banding is a process of assigning chemicals into specific categories or bands based on a chemical's potency and the adverse health outcomes associated with exposure. The output of this process is an occupational exposure band (OEB), which corresponds to a range of exposure concentrations that are expected to protect worker health.

**Engineering Controls:**

General ventilation adequate

**Personal Protection Equipment:**



Safety glasses with side shields. Chemical goggles.  
Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants.  
In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable.

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Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59], [AS/NZS 1336 or national equivalent]

See Hand protection below:

Wear chemical protective gloves, e.g., PVC.

Wear safety footwear or safety gumboots, e.g., Rubber

**NOTE:**

Personal hygiene is a key element of effective hand care.

Select gloves tested to a relevant standard (e.g., Europe EN 374, US F739, AS/NZS 2161.1 or national equivalent).

For general applications, gloves with a thickness typically greater than 0.35 mm, are recommended.

Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturiser is recommended.

Other Protection:

Overalls, P.V.C, apron, skin cleansing cream, eye wash unit.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Colorless
Odour:	Characteristic odour
Solubility:	Miscible with water
Specific gravity:	1
Relative Vapor Density (air=1)	Not available
Vapour Pressure (20 °C):	Not available
Flash Point (°C):	Not available
Flammability Limits (%):	Not available
Autoignition Temperature (°C):	Not available
Melting Point/Range (°C):	Not available
Boiling Point/Range (°C):	Not available
pH:	7 - 9
Viscosity:	Not available
Total VOC (g/Litre):	Not available

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### 10. STABILITY AND REACTIVITY

Chemical Stability:	Unstable in the presence of incompatible material. Product is considered stable. Hazardous polymerisation will not occur.
Conditions to Avoid:	See section 7
Incompatible Materials:	See section 7
Hazardous Decomposition Products:	See section 5
Hazardous Reactions:	No known hazardous reactions.

### 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Inhalation:	The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.
Skin Contact:	Skin contact is not thought to have harmful health effects (as classified under EC Directives); the material may still produce health damage following entry through wounds, lesions or abrasions. Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.
Ingestion:	The material has <b>NOT</b> been classified by EC Directives or other classification systems as "harmful by ingestion".
Eye Contact:	Although the liquid is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).
Chronic:	Not available
<u>Toxicity:</u>	

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Clinicare Alcohol Free Disinfectant:	Not available
Benzethonium Chloride:	Toxicity: Dermal (rabbit) LD50: 3000 mg/kg[2] Oral(Rat) LD50; 295 mg/kg[1] Irritation: Eye (rabbit): 0.03 mg - SEVERE Eye: no adverse effect observed (not irritating)[1] Skin (rabbit): SEVERE* Skin: adverse effect observed (corrosive)[1]
Cetrimide:	Toxicity: Not available Irritation: Eye: Severe
Polyaminopropyl Biguanide:	Toxicity: Oral(Rat) LD50; >2000 mg/kg[2] Irritation: Skin (human): Irritant

**Legend:** 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2. \* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances.

Acute Toxicity:	Not considered to be toxic.
Respiratory or Skin Sensitisation:	Not expected to be respiratory sensitiser.
Carcinogenicity:	Not considered to be carcinogenic.
Reproductivity:	Not considered to be toxic to reproduction.

## 12. ECOLOGICAL INFORMATION

Ecotoxicity:	No information available
Persistence and Degradability:	No data available
Bioaccumulation Potential:	No information available
Mobility:	No information available
Environmental Protection:	Prevent this material entering waterways, drains and sewers.

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### 13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible, material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national, and international Regulations.

### 14. TRANSPORT INFORMATION

**Road and Rail Transport:**

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

**Marine Transport:**

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

**Air Transport:**

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

### 15. REGULATORY INFORMATION

**Regulatory Information:**

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons. (SUSMP).

**This material/constituent(s) is covered by the following requirements:**

All components of this product are listed or exempt from the Australian Inventory of Industrial Chemicals (AIIC)

### 16. OTHER INFORMATION

Product is considered safe if used as intended.  
Product is intended for professional dental/medical use only.

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

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