

SAFETY DATA SHEET


Clinicare Instrument Cleaner

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product Name:	Clinicare Instrument Cleaner
Product Codes:	DL - Clinicare Instrument Cleaner DL - Clinicare Instrument Cleaner
Recommended Use:	Concentrated solution for instrument cleaning.
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

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

Signal Word:	Warning
Hazard Pictograms:	
Hazard Classifications:	Eye Irritation - Category 2A Acute Aquatic Hazard - Category 3 Skin Corrosion/Irritation - Category 2
Hazard Statement:	H319 Causes serious eye irritation. H402 Harmful to aquatic life. H315 Causes skin irritation.
Prevention Precautionary Statements:	P273 Avoid release to the environment P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection



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Response Precautionary Statements:	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention. P302+P352 IF ON SKIN: Wash with plenty of water. P332+P313 If skin irritation occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse.
Storage Precautionary Statements:	P403+P233 Store in a well-ventilated place. Keep container tightly closed.
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 %
Quaternary ammonium compounds	68424-95-3	1 -10
Anticorrosive agents	-	1 - 5
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 contact occurs: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.
Eye Contact:	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

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Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.

Seek medical attention without delay; if pain persists or recurs 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.

For advice, contact a Poisons Information Centre or a doctor.

Indication of any immediate medical attention and special treatment needed:

Treat symptomatically,

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 Fighting:

Alert Fire Brigade and tell them location and nature of hazard. Wear breathing apparatus plus protective gloves in the event of a fire.

Prevent, by any means available, spillage from entering drains or water courses.

Use firefighting procedures suitable for surrounding area.

DO NOT approach containers suspected to be hot.

Cool fire exposed containers with water spray from a protected location.

If safe to do so, remove containers from path of fire.

Equipment should be thoroughly decontaminated after use.

Fire/Explosion Hazard:

Non-combustible.

Not considered a significant fire risk, however containers may burn.

May emit corrosive fumes.

6. ACCIDENTAL RELEASE MEASURES

Minor Spills:

Clean up all spills immediately.

Avoid breathing vapours and contact with skin and eyes.

Control personal contact with the substance, by using protective equipment. Contain and absorb spill with sand, earth, inert material, or vermiculite. Wipe up.

Place in a suitable, labelled container for waste disposal.

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Large Spills:

Moderate hazard.

- Clear area of personnel and move upwind.
- Alert Fire Brigade and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves
- Prevent, by any means available, spillage from entering drains or water course. Stop leak if safe to do so.
- Contain spill with sand, earth, or vermiculite.
- 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.
- Wash area and prevent runoff into drains.
- After clean-up operations, decontaminate and launder all protective clothing and equipment before storing and re-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

Safe 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.

Suitable container:

Polyethylene or polypropylene container. Packing as recommended by manufacturer. Check all containers are clearly labelled and free from leaks.

Storage incompatibility:

None known

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National Occupation Exposure Hazards:

Didecyldimethylammonium chloride , occupation band rating: E
≤ 0.01 milligrams per cubic meter of air (mg/m³)

Biological Limit Values:

As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

Engineering Controls:

Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Within poorly ventilated spaces, use with local exhaust ventilation or while wearing appropriate respirator. Vapour is heavier than air - prevent concentration in hollows or sumps. Do NOT enter confined spaces where vapour may have collected.

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. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. 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: The material may produce skin sensitisation in predisposed individuals. Care must be taken, when removing gloves and other protective equipment, to avoid all possible skin contact.

Contaminated leather items, such as shoes, belts and watchbands should be removed and destroyed. 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.

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

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Other Protection:	Contaminated gloves should be replaced.
Hygiene Measures:	Overalls, P.V.C, apron, barrier cream, skin cleansing cream, eye wash unit. Keep away from food, drink, and animal feedstuffs. When using do not eat, drink, or smoke. Wash hands prior to eating, drinking, or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour, mist, or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Magenta color
Odour:	Characteristic
Solubility:	Miscible with water
Specific gravity:	0.98
Relative Density (water=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:	Approx. 12
Viscosity:	Not available
Total VOC (g/Litre):	Not available

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:	See section 7
Reactivity:	See section 7

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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 irritation may also be present after prolonged or repeated exposure; this may result in a form of contact dermatitis (nonallergic). The dermatitis is often characterised by skin redness (erythema) and swelling (oedema) which may progress to blistering (vesiculation), scaling and thickening of the epidermis. At the microscopic level there may be intercellular oedema of the spongy layer of the skin (spongiosis) and intracellular oedema of the epidermis. The material may accentuate any pre-existing dermatitis condition. Skin contact is not thought to have harmful health effects (as classified under EC Directives).
Ingestion:	The material has NOT been classified by EC Directives or other classification systems as "harmful by ingestion". Gastrointestinal tract discomfort may produce nausea and vomiting. In an occupational setting however, ingestion of insignificant quantities is not thought to be cause for concern.
Eye Contact:	Repeated or prolonged eye contact may cause inflammation characterised by temporary redness (similar to windburn) of the conjunctiva (conjunctivitis).
Chronic:	Practical experience shows that skin contact with the material is capable either of inducing a sensitisation reaction in a substantial number of individuals, and/or of producing a positive response in experimental animals. Not all workers who are exposed to a sensitiser will become hyper-responsive and it is impossible to identify in advance who are likely to become hyper-responsive.
<u>Toxicity:</u>	
Clinicare instrument cleaner:	Not available
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.

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12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

Disposal Method:	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.
Disposal of Contaminated Packaging:	Recycle /reconditioned at an approved facility.
Environmental Regulations:	Not relevant

14. TRANSPORT INFORMATION

Road and Rail Transport:	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
Marine Transport:	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
Air Transport:	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

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)



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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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