

Safety Data Sheet

DENTIVAC

1. Identification

Trade name of product	: DENTIVAC
Other Shipping Name	: Corrosive Liquid N.O.S. (contains Quaternary Ammonium Compounds)
Supplier Address	: MAJAC MEDICAL PRODUCTS PTY LTD 2/60 Zillmere Road Boondall QLD 4034 Australia
Supplier Contact Details	: Phone: 1300 138 578 Fax: 1300 138 612 email: sales@majacmedical.com.au
Emergency telephone number	: Poisons Information 131126
Material uses	: Dental Aspiration & Suction Unit Detergent
Product dilution information	: Non Hazardous at use dilution (5%)
Date of issue	: 28 September 2020

2. Hazards identification

Classified as **DANGEROUS GOODS** by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

This material is **HAZARDOUS** according to Safe Work Australia's GHS Criteria.

Hazard Category

Skin Corrosion - Category 1B

Eye Damage - Category 1



Signal Word: DANGER

Hazard Statements:

Causes severe skin burns and eye damage. Causes serious eye damage.

Precautionary Statements:

Prevention:

Do not breathe mists.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Wear eye / face protection.

Response:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Immediately call a POISON CENTER or doctor. Specific treatment (see section 4 of the SDS)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

Storage: Store locked up. Store in accordance with local regulatory requirements.

Disposal: Dispose in accordance with local regulatory requirements.

General Phrases: Keep out of reach of children.

3. Composition/information on ingredients

Ingredient name	CAS number	Proportion %	TWA mg/m ³	STEL mg / m ³
N,N-Dioctyl-N,Ndimethylammonium chloride	5538-94-3	0-10	None allocated	None allocated

Ingredients, determined not to be hazardous according to Safe Work Australia's criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.

4. First-aid measures

Eye contact	: Immediately irrigate with copious quantities of water for at least 20 minutes. Eyelids to be held open. Seek medical advice if symptoms occur.
Skin contact	: Remove contaminated clothing (wash before re-use). Then rinse with plenty of running water. Seek medical advice if symptoms occur.
Inhalation	: Remove to fresh air. Seek medical advice if symptoms occur.
Ingestion	: Do NOT induce vomiting. Rinse mouth. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice if symptoms occur.
Notes to physician	: Treat symptomatically. Concentrated solution can cause corneal burns.
First Aid Measures	: If poisoning occurs contact a doctor or Poisons Information Centre Phone Australia 131126, New Zealand 0800 764 766.

5. Fire-fighting measures

Extinguishing media	: If material is involved in a fire use water spray, water based foam or carbon dioxide or dry chemical.
Specific Hazards arising from the chemical	: No specific hazard.
Special protective equipment and precautions for fire-fighters	: Decomposes on heating emitting toxic fumes. Fire fighters to wear self-contained breathing apparatus in the event of a fire.
Hazchem Code	: 2X

6. Accidental release measures

Personal precautions	: For small spills ensure suitable equipment and PPE is used. Dispose of waste in accordance with local rules. For large spills the following PPE is recommended to reduce risk: safety glasses, chemical resistant shoes & gloves, long sleeves / trousers. Remove non-essential personnel from the area.
Environmental precautions	: Contain large spills/releases using appropriate bunding or capping. Prevent entry into drainage systems, sewers and waterways.
Methods for cleaning up	: Spills may be slippery. Small spills use mop and bucket, for larger spills contain with absorbent material, collect and dispose.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

Handling	: Avoid contact with incompatible materials. Use clean dispensing equipment, use appropriate PPE, always add product to water when diluting.
Storage	: Store in a cool, dry, well ventilated place. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store in original containers whenever

possible. Check container compatibility before transfer. Keep containers closed when not in use - check regularly for leaks. Ensure good housekeeping in storage area.

8. Exposure controls/personal protection

Engineering measures	: Use sensible work practices that reduce operator exposure to the product. Ensure that adequate ventilation is provided, and air is moving constantly in the area of use while drum is open. Keep containers closed when not in use.
<u>Personal Protection</u>	
Eyes	: The use of safety glasses with side shield protection, goggles or face shield is recommended to handle in quantity, cleaning up spills, decanting, etc. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them
Hands	: Chemical resistant gloves.
Respiratory	: If determined by a risk assessment an inhalation risk exists, wear a suitable mist respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.
Skin	: Long sleeves/trousers/chemical resistant boots.

9. Physical and chemical properties

Physical state	: Clear/opaque Liquid
Colour	: Yellow
Odour	: Slight
pH(neat)	: 12.0 – 12.5
(1:20 dilution)	: 10.5 – 11.5
Flash point (°C)	: NA
Boiling point (°C)	: 100 (approx.)
Specific Gravity (g/ml @ 25°C)	: 0.90 – 1.00
Solubility in water	: Absolute

10. Stability and reactivity

Reactivity	: None known.
Stability	: Stable under normal storage conditions.
Possibility of Hazardous Reactions	: None known.
Conditions to avoid	: Store in a cool dry place away from heat sources, acidic materials, strong oxidising or reducing agents.
Incompatible Materials	: Strong oxidising & reducing agents.

11. Toxicological information

Potential acute health effects

No acute health effects expected if the product is handled in accordance with instructions provided by the manufacturer. Symptoms that may result if the product is mishandled or if overexposure occurs include:

Ingestion	: May cause burning to the mouth and digestive tract.
Skin	: Concentrated product may cause skin irritation and/or chemical burns with possible irrevesible damage.
Eye	: May cause burns and possible permanent damage.
Inhalation:	: Inhalation of fine mists may cause irritation to the respiratory tract and nasal passages.

12. Ecological information

Ecotoxicity data

Persistence/degradability : Non biodegradable ingredients used.
Mobility in Soil : No known significant effects.

13. Disposal considerations

Methods of disposal : Refer to State Land Waste Management Authority. Transfer product residues to a labelled, sealed container for disposal or recovery. Waste disposal must be by an accredited contractor. Do not put down the drain.

14. Transport information

Regulation	UN Number	Proper shipping name	Class	Packing group	Additional information
ADG	1760	Corrosive Liquid N.O.S. (contains Quaternary Ammonium Compounds)	8	III	Hazchem 2X

15. Regulatory information

Classified as **DANGEROUS GOODS** by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

This material is **HAZARDOUS** according to Safe Work Australia's GHS Criteria.

This material is a **SCHEDULE 5 POISON** according to the SUSMP.

All ingredients are listed on AICS.

Hazard Category

Skin Corrosion - Category 1A

Eye Damage - Category 1

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Response:

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Storage: Store locked up, in accordance with local regulatory requirements.

Disposal: Dispose in accordance with local regulatory requirements.

General Phrases: Keep out of reach of children.

16. Other information

Literature References : Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
Standard for the Uniform Scheduling of Medicines and Poisons.
Australian Code for the Transport of Dangerous Goods by Road & Rail.
Workplace exposure standards, Safe Work Australia.
Hazardous Substances/Chemicals Information System, Safe Work Australia.
Globally Harmonised System of classification and labelling of chemicals.
Raw material suppliers' SDS

Prepared by : **Sampson Chemical Products (07-32834511)**

This Safety Data Sheet is the first issue under the direction of the PREPARATION OF SAFETY DATA SHEETS FOR HAZARDOUS CHEMICALS of December 2011. The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

END OF SDS