

Product **OdontoHex**

Product Code **OHEX1,
OHEX5**

Last Revision October 2013

Version 2

COMPANY DETAILS

COMPANY NAME: ADM – Australian Dental Manufacturing
ACN: 010 967 432

ADDRESS: 25 Billabong Street
Kenmore Hills
QLD 4069

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EMERGENCY TELEPHONE NUMBER: 131 126

PRODUCT INFORMATION

PRODUCT NAME: OdontoHex

Chlorhexidine-based irrigating solution

UN Number	N/A
Dangerous Goods Class	Not Classified as Dangerous
Hazchem Code	N/A
Packaging Group	None allocated
Poison Schedule	None Allocated
Product Use	Endodontic Irrigating Solution
Pack Size	1L, 5L

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COMPOSITION

Chemical Composition	CAS number	Proportion
HAZARDOUS INGREDIENTS:		
Chlorhexidine Digluconate	18472-51-0	2%
Ethanol	64-17-5	4%
NON-HAZARDOUS INGREDIENTS		
Water	7732-18-5	94%

PHYSICAL AND CHEMICAL DATA

Appearance:	Colourless Liquid
Odour	Slight Odour
Melting Point:	-5°C
Boiling Point	103°C
Vapour Pressure @ 20°C @ 25°C	Negligible
Specific Gravity	1.3
Flash Point	Not flammable
Flammable Limits	Not flammable
Auto ignition Temperature	Not flammable
Corrosiveness	Precipitates with anionic compounds
Solubility	Miscible in all ratios with water

HEALTH HAZARDS IDENTIFICATION

This Product is classified as non-hazardous.

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ACUTE EFFECTS

INGESTION:

- Feeling of illness, dizziness, loss of co-ordination.
- May cause irritation to the throat. Poor absorption by GIT

EYE

- Irritating to eyes. Safety glass compliant with Australian Standards AS1337 must be worn during use of this product

SKIN:

- Negligible risk to skin if contact is minimal in time. Wash hands after handling the solution. Sensitisation may occur.

INHALED

- Risk is minimal due to limited production of vapor .

CHRONIC &
OVEREXPOSURE

- Chronic exposure is a concern with reports of dyspnea and anaphylactic shock

FIRST AID

INGESTION:

- The risk of ingestion is negligible. If ingestion occurs seek immediate medical attention.

EYE:

- Irrigate the eye with copious amounts of water for 15 minutes. Cover eyes and protect from light. Seek immediate medical attention.

SKIN:

- Remove clothing and wash area with copious amounts of water.

INHALED:

- Unlikely to cause problems as vapors produce are negligible.

EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA

No occupational exposure limits have been established. This does not mean that this substance is not harmful. Safe work practices should always be followed.

Personal Protection

Use gloves and safety glasses when handling the product.

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COMBUSTIBILITY	
FIRE HAZARD & EXPLOSION:	<ul style="list-style-type: none"> • Non-combustible.

ACCIDENTAL RELEASE MEASURES

- Avoid contact with the liquid or vapour.
- Wash contaminated area liberally with water.
- Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact. Wipe up small spills with paper toweling and dispose to bin. Disposal of waste must be in accordance with the Local Waste Disposal Authority.

HANDLING & STORAGE

- Product to be handled only by qualified staff in dental offices/laboratories.
- See product instructions for safe use
- Store in a cool well ventilated place out of direct sunlight.
- Store below 30°C.
- Protect containers from physical damage, keep containers closed when not in use, and check regularly for leaks.
- Avoid contact with skins and eyes.
- Do not store together with food.

Risk Phrases

R36/38: Irritating to eyes and skin

R41: Serious risk of damage to eyes

Safety Phrases

S2: Keep out of reach of children

S23/24/25: Avoid contact with skin and eyes and breathing vapours

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STABILITY & REACTIVITY

REACTIVITY

CONDITIONS TO AVOID:

INCOMPATIBLES:

DECOMPOSITION

- Stable at normal temperatures and pressure.
- Avoid exposure to light if possible
- Not compatible with alkalis
- Heating may cause production of p-chloroaniline which is carcinogenic hence it is important to store in a cool place.

TOXICOLOGICAL INFORMATION

SYMPTOMS: No adverse health effects are expected if this product is handled in accordance with this Material Safety Data Sheet and the Product label/instructions and safe work practices are followed.

If the product is spilled or mishandled, symptoms noted in section "Acute Effect" may occur:

Long Term Effects:

Long term exposure may cause sensitization to chlorhexidine resulting in skin irritation and at worst anaphylactic shock

ECOLOGICAL INFORMATION

- Spillages from the small packaging of this product are unlikely to penetrate soils.
- Unlikely to cause long term adverse effects in the environment. This material is not expected to bioaccumulate but does not biodegrade readily.
- Avoid release in local rivers or streams

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DISPOSAL CONSIDERATIONS

Dispose containers thoughtfully to landfill.
Empty containers represent a fire hazard as they may contain flammable product residues and vapour.
Never weld or solder empty containers.

TRANSPORT INFORMATION

Classified as non-hazardous

UN NUMBER:	UN 3082
CLASS:	Class 9
SUBSIDIARY RISK:	None
HAZCHEM CODE:	None Allocated
Packaging Group	Packing Group III

REGULATORY INFORMATION

This product is registered as a Class II Medical Device by TGA.

CONTACT POINT

CONTACT:	Business Hours:	07 38781901
	Mobile:	0419665074
	Emergency	131 126

This MSDS summarises our best knowledge of the health and safety hazard information of this Product and how to safely handle and use the product in the workplace.

Each user should read this MSDS and consider the information in the context of how the Product will be handled and used in the workplace including its use in conjunction with other products.
If clarification of any term in this MSDS or further information is required to ensure safe use of this Product can be made the user should contact ADM – Australian Dental Manufacturers

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OTHER INFORMATION

This MSDS is prepared with consideration of the document "National Code of Practice for the Preparation of Material Safety Data Sheets", 2nd Edition [NOHSC:2011(2003)], Worksafe Australia.

Contact Points:

Australia

Police & Fire:

000

National Poisons Information Centre:

131126 (anywhere in Australia)

READ LABEL CAREFULLY BEFORE USING PRODUCT

END OF MSDS