

ISSUE DATE: October 2003

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MATERIAL SAFETY DATA SHEET

NoAL Dental Tray Cleaner

COMPANY DETAILS

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

ADDRESS: 3 Papps Crt
Redwood Park
SA 5097

TELEPHONE: 08 82635585
FAX: 08 82635598
EMAIL: admchiefPLEASE REMOVE ALL CAPITALS@PLEASE
REMOVE ALL CAPITALSbigpond.net.au

EMERGENCY TELEPHONE NUMBER: 131 126

PRODUCT INFORMATION	
PRODUCT NAME:	NoAL Dental Tray Cleaner
OTHER NAMES:	None
UN NUMBER:	None Allocated
DANGEROUS GOODS CLASS:	None Allocated
SUB RISK CLASS:	Nil
HAZCHEM CODE:	None Allocated
POISON SCHEDULE:	None Allocated
PRODUCT USE:	Dental Tray Cleaner
PACK SIZE:	1 Litre Bottle

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COMPOSITION		
Chemical Composition	CAS number	Proportion
HAZARDOUS INGREDIENTS:		None
NON HAZARDOUS INGREDIENTS:		Proportion
Sodium alkyl-sulphate	64771-72-8	25%
Ethylenediamine tetra-acetic acid (EDTA)	10378-23-21	10%

PHYSICAL AND CHEMICAL DATA	
APPEARANCE:	Blue Liquid
ODOUR:	None
MELTING POINT:	Not Relevant
BOILING POINT:	Not Relevant
VAPOUR PRESSURE:	Not Relevant
SPECIFIC GRAVITY:	1.2
FLASH POINT:	Not Flammable
CORROSIVENESS:	Not Corrosive
SOLUBILITY:	Soluble in Water
MISCIBILITY:	Miscible in Oils
PH:	Slightly Alkaline

HEALTH HAZARDS IDENTIFICATION
This Product is not classified as hazardous according to criteria of NOHSC.

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ACUTE EFFECTS

<p>INGESTION:</p> <p>EYE:</p> <p>SKIN:</p> <p>INHALED:</p> <p>CHRONIC EFFECTS:</p>	<ul style="list-style-type: none"> • May cause irritation to the gastro-intestinal tract. Early symptoms likely to be nausea, abdominal irritation, pain, vomiting, and diarrhoea. • Momentary eye irritation with discomfort. Pain and swelling may occur. Prolonged exposure may cause temporary cornea damage. • May cause skin irritation. Prolonged occupational exposure may lead to dermatitis/eczema. • Product is nonvolatile. Misting of the product may cause upper airway irritation coughing or discomfort. • None known. Prolonged occupational skin exposure of the pure Sodium Alkyl Sulphate has caused eczema and dermatitis.
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FIRST AID

<p>INGESTION:</p> <p>EYE:</p> <p>SKIN:</p> <p>INHALED:</p>	<ul style="list-style-type: none"> • If swallowed, immediately give copious quantities of water. Don't induce vomiting. If vomiting occurs, ensure person's airway is clear and breathing of liquid does not occur. • Never give anything by mouth to an unconscious person. • Call a Physician if symptoms persist. • Irrigate the eye with copious amounts of water for 15 minutes. Seek medical assistance if symptoms persist. • Remove contaminated clothing immediately. Wash skin with large amounts of water until no evidence of product remains, at least 15 minutes. • Wash clothing before re-use. If irritation or pain persists – seek medical attention. • If inhaled, immediately remove to fresh air until fully recovered. Monitor for respiratory distress. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a Physician.
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EXPOSURE CONTROLS/PERSONAL PROTECTION
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In accordance with the criteria of NOHSC this Product is not classified as hazardous. No exposure limits are assigned for this specific material by the NOHSC.

WORKING SOLUTION

When used at the normal dilution ratio no specific precautions are necessary.

CONCENTRATE

- The Product contains Sodium Alkyl Sulphate in aqueous medium. The ingredients are not volatile therefore airborne exposure limits are not relevant.
- When using the concentrate keep containers closed when not in use. Avoid skin and eye contact.
- There are no specific handling requirements however it has been reported in toxicological literature that long term occupational skin exposure may cause eczema/dermatitis. It is therefore recommended that appropriate gloves be used when handling the product.

COMBUSTIBILITY

FIRE HAZARD & EXPLOSION:

- Non-Combustible Aqueous Liquid.
- The ingredients will breakdown under fire conditions and the organic components may burn.
- Fumes containing carbon dioxide, carbon monoxide and sulphur dioxide may be formed in large fires after the water has evaporated from the product.
- The product is supplied in small packages. Not considered to be a fire risk.

ACCIDENTAL RELEASE MEASURES

- Slippery when spilt. 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. Prevent runoff to drains leading to waterways.

- Wash contaminated area liberally with water.
- For large spills use an absorbent (sand, soil, sawdust, inert material) seal in a properly labelled container for disposal.
- 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 dry place out of direct sunlight.
- Store away from strong oxidizing agents.
- Store between 4 - 40°C.
- Avoid contact with skins and eyes.
- Keep containers closed at all times, check regularly for leaks.
- Do not store together with food.
- Keep out of the reach of children.

Risk Phrases

R36: Irritating to eyes

R38: Irritating to skin

Safety Phrases

S2: Keep out of reach of children

S24/25: Avoid contact with skin and eyes

STABILITY & REACTIVITY

REACTIVITY: Stable at normal temperatures and pressure.
CONDITIONS TO AVOID: Avoid contact with incompatible materials.
INCOMPATIBLES: Contains EDTA which reacts with strong oxidizing agents and may react with copper, copper alloys and nickel.

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.

If the product is spilled or mishandled, the following symptoms may occur:

Short Term Acute Effects:

INGESTION: Irritation to the gastro-intestinal tract. Nausea, abdominal irritation, pain vomiting, and diarrhea.

EYE CONTENT: Eye irritation with discomfort. Pain and swelling.

SKIN CONTACT: May cause irritation, may cause sensitization with some individuals. Will have a degreasing effect on the skin.

INHALATION: Product is nonvolatile. Misting with product may cause discomfort.

Long Term Effects:

No specific data is available for this product however the following information on the ingredients are presented.

Sodium Alkyl Sulphate

Oral LD50 (Rat)	500 – 5000 mg/Kg
Skin (Rabbit)	Irritant

Long term occupational skin exposure has reportedly caused eczema/dermatitis.

EDTA

IPR LD50 (Rat)	397 mg/kg
Oral LD50 (Mus)	30 mg/kg
IPR LD(50) (Mus)	250 mg/kg
IVN LD (50) (Mus)	28 mg/kg

ECOLOGICAL INFORMATION

- No specific toxicity data to aquatic organisms is available for this product.
- The ingredients are water-soluble and 100% biodegradable.
- EDTA complexes with trace metals and alkali earth metals
- In the short term EDTA is expected to mobilize trace metals in soils.
- Sodium Alkyl Sulphate is soluble and expected to leach from soils adding to the chemical and biological oxygen demand in the waterways.
- No long-term persistent effects are expected.
- Avoid contaminating waterways.

DISPOSAL CONSIDERATIONS

Dispose containers thoughtfully to landfill.

TRANSPORT INFORMATION

UN NUMBER: None Allocated
DANGEROUS GOODS CLASS: None classified.
SUB RISK CLASS: No subsidiary risk.
HAZCHEM CODE: None allocated.
PACKAGING GROUP None Allocated

Not classified as Dangerous Goods for transport by road and rail.
Product is not regulated for shipping. No special storage or transport requirements are necessary.

REGULATORY INFORMATION

From information available, this Product is not classified as hazardous according to the criteria of NOHSC.

CONTACT POINT

CONTACT: Business Hours: 08 82635585
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 Manufacturing

OTHER INFORMATION

This MSDS is prepared in accordance with the document “National Code of Practice for the

Preparation of Material Safety Data Sheets”, 1994, Worksafe Australia.

Contact Points:

Australia

Police & Fire:

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National Poisons Information Centre:

131126 (anywhere in Australia)

READ LABEL CAREFULLY BEFORE USING PRODUCT