

Safety Data Sheet

according to WHS Regulations

Printing date 01.11.2021

Revision: 01.11.2021

1 Identification

Product Name: NOAL DENTAL TRAY CLEANER

Other Means of Identification: Mixture

Product Code: NL1, NL5

Recommended Use of the Chemical and Restriction on Use: Dental tray cleaner

Details of Manufacturer or Importer:

Australian Dental Manufacturing
25 Billabong Street
Kenmore Hills, QLD, 4069

Phone Number: 07 3878 1901

Emergency telephone number: National Poisons Information Centre: 13 11 26

2 Hazard(s) Identification

Hazardous Nature:

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.



Health hazard

Aspiration Hazard 1 H304 May be fatal if swallowed and enters airways.



Eye Irrit. 2A H319 Causes serious eye irritation.

Signal Word Danger

Hazard Statements

H319 Causes serious eye irritation.

H304 May be fatal if swallowed and enters airways.

Precautionary Statements

P264 Wash thoroughly after handling.

P280 Wear eye protection / face protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

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.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national regulations.

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

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Hazardous Components:		
CAS: 64771-72-8	Paraffins (petroleum), normal C5-20	25%
	⚠ Aspiration Hazard 1, H304; Flammable Liquids 4, H227	
CAS: 60-00-4	Edetic acid	10%
	⚠ Serious Eye Damage/Irritation 2, H319	

4 First Aid Measures

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap for at least 15 minutes. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms occur.

Ingestion:

If swallowed, do not induce vomiting. Give large quantities of water. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms occur.

Symptoms Caused by Exposure:

Inhalation: May cause respiratory irritation and coughing.

Skin Contact: May cause skin irritation. This product has a degreasing effect on the skin and may cause sensitisation in some people.

Eye Contact: May cause eye irritation and swelling.

Ingestion: May be fatal if swallowed and enters airways. May cause gastrointestinal irritation, nausea, vomiting, abdominal pain and diarrhoea.

5 Fire Fighting Measures

Suitable Extinguishing Media: Use fire extinguishing methods suitable to surrounding conditions.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include oxides of carbon and sulfur oxides.

Product is not flammable or combustible. In fire conditions the product will break down and the organic components may burn. However, since the product is supplied in small packages it is not considered to be a fire risk.

Containers close to fire should be removed only if safe to do so. Use water spray to cool fire exposed containers.

Minimise run-off from fire fighting entering drains or water courses.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots.

Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

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Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal. Small spills can be cleaned up with paper towels. Use only non-sparking tools. Wash area with plenty of water.

7 Handling and Storage

Precautions for Safe Handling:

This product is only to be used by qualified dental staff. Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only in a well-ventilated area. Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area out of direct sunlight. Store between 4 - 40 °C. Protect containers from physical damage. Check regularly for leaks. Keep away from oxidising agents, copper, copper alloys and nickel.

8 Exposure Controls and Personal Protection

Exposure Standards:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls: Ensure adequate ventilation of the working area.

Respiratory Protection: Respiratory protection is not required under normal use conditions.

Skin Protection:

When handling the concentrated product it is recommended to wear appropriate gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 Physical and Chemical Properties

Appearance:

Form:	Liquid
Colour:	Blue
Odour:	Odourless
Odour Threshold:	No information available
pH-Value:	Slightly alkaline
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	No information available
Flammability:	Product is not flammable

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Auto-ignition Temperature:	Not applicable
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	Not applicable
Upper:	Not applicable
Vapour Pressure:	Not determined.
	No information available
Relative Density:	1.2
	No information available
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	Soluble in water
Solubility in Solvents:	Miscible in oils.
Partition Coefficient (n-octanol/water):	No information available

10 Stability and Reactivity

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

Chemical Stability: Stable at ambient temperature and under normal conditions of storage and use.

Conditions to Avoid: Direct sunlight, temperatures above 40 °C.

Incompatible Materials: Oxidising agents, copper, copper alloys and nickel.

Hazardous Decomposition Products: Oxides of carbon and sulfur oxides.

11 Toxicological Information

Toxicity:

LD50/LC50 Values Relevant for Classification:

CAS: 64771-72-8 Paraffins (petroleum), normal C5-20

Oral	LD ₅₀	500 - 5000 mg/kg (rat)
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CAS: 60-00-4 Edetic acid

Oral	LD ₅₀	30 mg/kg (mouse)
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	LD50	4500 mg/kg (rat)
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Acute Health Effects

Inhalation: May cause respiratory irritation and coughing.

Skin:

May cause skin irritation. This product has a degreasing effect on the skin and may cause sensitisation in some people.

Eye: May cause eye irritation and swelling.

Ingestion:

May be fatal if swallowed and enters airways. May cause gastrointestinal irritation, nausea, vomiting, abdominal pain and diarrhoea.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.

Serious Eye Damage / Irritation: Based on classification principles, the classification criteria are not met.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity: This product does NOT contain any IARC listed chemicals.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

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Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.**Chronic Health Effects:**

Repeated or prolonged exposure may cause temporary corneal damage, dermatitis and eczema.

Existing Conditions Aggravated by Exposure: No information available

12 Ecological Information

Ecotoxicity:

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Aquatic toxicity: No data available on finished product.**Persistence and Degradability:** This product is fully biodegradable.**Bioaccumulative Potential:** No further relevant information available.**Mobility in Soil:** This product is soluble and mobile in soil and is expected to leach from the soil.**Other adverse effects:** No further relevant information available.

13 Disposal Considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

14 Transport Information

UN Number Not regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated

15 Regulatory Information

Australian Inventory of Industrial Chemicals:

All ingredients are listed.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:

Not Scheduled.

16 Other Information

Date of Preparation or Last Revision: 01.11.2021**Prepared by:** MSDS.COM.AU Pty Ltd

www.msds.com.au

Abbreviations and acronyms:

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

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LD50: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Flammable Liquids 4: Flammable liquids – Category 4

Serious Eye Damage/Irritation 2: Serious eye damage/eye irritation – Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

Aspiration Hazard 1: Aspiration hazard – Category 1

Data altered compared to the previous version:

Section 2: Hazards Identification

Section 4: Symptoms Caused by Exposure

Section 5: Specific Hazards Arising from the Chemical

Section 10: Conditions to Avoid

Section 12: Ecotoxicity

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - July 2020”

The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Australian Dental Manufacturing makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.