



Dentalife Australia Pty Ltd **MATERIAL SAFETY DATA SHEET**
[according to GHS and NOHSC:2011(2003)]
Version 2 Issued: 29/08/2017
Next Review: Aug. 2022

MATERIAL SAFETY DATA SHEET

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: CARIES Detector Gel Syringe Kit

Product Code : DL6112- 2x2.5mL Syringe Kit

Recommended use: Used as an aid to detection of carious dentine in the removal and treatment of caries. Stain is visible under normal light.

Contact Information	Organisation	Location	Telephone
	Dentalife Australia Pty Ltd	Factory 9 / 505 Maroondah Highway Ringwood VIC 3134 Australia	+61 3 9879 1226
	Poisons Information Centre (24 hour, 7 days a week) in an emergency :		13 11 26
	Chemcall 24 Hour Emergency Number (Australia)		1800 127 406

2. HAZARD IDENTIFICATION

Hazard	Not classified as hazardous
Classification	NON-HAZARDOUS SUBSTANCE NON-DANGEROUS GOODS
Risk Phase(s)	Not classified as hazardous
Environmental Hazards	Non-hazardous

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Composition</u>	<u>CAS No.</u>	<u>Proportion (% w/v)</u>
Propylene Glycol	110-74-7	Major
Acid Rhodamine B	81-88-9	Minor



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4. FIRST AID MEASURES

Description of necessary measures according to routes of exposure.

Health Effects

Acute

- Swallowed : Ingestion without dilution may cause irritation to the digestive system.
- Eye : Direct contact with the gel may cause severe irritation.
- Skin : Low irritation expected on contact with skin.
- Inhaled : No risk unless solution (gel) is inhaled.

Chronic : There are no other known long term health effects expected.

First Aid

- Swallowed : Give water to drink to dilute stomach contents and seek medical attention.
- Eye : Flush with flowing water for at least 15 minutes and if symptoms persist, seek medical advice.
- Skin : Flush skin with flowing water for at least 15 minutes. Remove any contaminated clothing. Seek medical attention. Wash or rinse thoroughly any contaminated area. Staining will be avoided if rinsed/washed immediately.
- Inhaled : If inhaled, seek medical attention.
- First Aid Facilities : Ensure eye wash facilities are available in the working area.
- Advise to Doctor :** Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media

There is no restriction on the type of extinguisher which may be used.

Fire/Explosion Hazard

- Non combustible.
Not considered to be a significant fire risk.



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6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use CARIES Detector Gel with care and as detailed by instructions on pack.

Environmental precautions: Not hazardous.

Methods and materials for containment and cleaning up: Clean up spills immediately. Wear suitable protective clothing. Remove spills using plenty of water and a soft sponge or towel. Remove immediately to avoid staining or damaging surfaces. Material can be disposed of with general waste or via the normal sewer systems.

7. HANDLING AND STORAGE

Handling: Ensure cap for dropper bottle is replaced and tightly closed immediately after use.

Storage: Stored in a cool place at temperatures below 30°C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Product is considered safe if used as intended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Fluorescent red viscous solution

Odour.....: No specific odour

Boiling Point (°C): ~ 184-189 °C

Melting point (°C): Not available

Vapour Pressure: ~ 0.2mbar

Specific Gravity: > 1g/mL

Flammability Limits (%) ...: Not flammable

pH of Solution: Not available

Solubility in Water (g/L) ...: Complete

Other Properties: None



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10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions

Hazardous decomposition products: No data available.

Hazardous reactivity (polymerization): Does not occur.

11. TOXICOLOGICAL INFORMATION

Ingestion : Ingestion without dilution may cause irritation to the digestive system.

Eye : Possible irritant effect.

Skin : No known absorption or irritant effect on short-term contact.

Inhaled : No data.

Chronic : No further data

12. ECOLOGICAL INFORMATION

Ecological Information It is unknown as to the long term effects on the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Disposal 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.



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14. TRANSPORT INFORMATION

U.N. Number : Not applicable Dangerous Goods Class : Not applicable

Hazchem Code : Not applicable Subsidiary Risk : Not applicable

CAS Number : See ingredients Pack. Group. : Not applicable

This product is not considered to be a dangerous good within the meaning of transportation regulations.

15. REGULATORY INFORMATION

Poisons Schedule: Not applicable

16. OTHER INFORMATION

Product is considered safe if used as intended. CARIES Detector Gel contains a safe colour used widely in the pharmaceutical and medical fields which may stain if left to dry.

Product is intended for Healthcare Use only.

Literature References No data available.

Sources for Data No data available.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. No warranty, either expressed or implied, is made with respect to the information or the product to which the information refers. Each user must review this MSDS in the context of how the product will be handled and used in the workplace.

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