



SAFETY DATA SHEET

CARIES Detector

1. IDENTIFICATION

Product Name:	CARIES Detector Gel Syringe Kit
Product Codes:	DL6112 - 2x2.5mL Syringe Kit
Recommended use:	Used as an aid to detect carious dentine in the removal and treatment of caries. Stain is visible under normal light.
Contact Information:	Dentalife Australia Pty. Ltd. Factory 9/505 Maroondah Highway Ringwood, VIC, 3134, Australia Phone: +61 3 9879 1226
Emergency Telephone Number:	+61 3 9879 1226
Poisons Information Centre:	24 hour, 7 days a week in an emergency call: 13 11 26

2. HAZARD IDENTIFICATION

Classification:	NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS
Poison Schedule:	Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Composition</u>	<u>CAS No.</u>	<u>Proportion %</u>
Propylene glycol	110-74-7	Major
Acid Rhodamine B	81-88-9	Minor



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4. FIRST AID MEASURES

ACUTE:

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

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.
Use extinguishing media suitable for surrounding area.
- Fire/Explosion Hazard:** Non combustible.
Not considered to be a significant fire risk.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** See section 8
- Environmental precautions:** Not hazardous.



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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

Precautions for Safe Handling: Ensure cap for dropper bottle is replaced and tightly closed immediately after use.
Avoid all personal contact, including inhalation.
Wear protective clothing when risk of exposure occurs.
When handling, **DO NOT** eat, drink or smoke. Keep containers securely sealed when not in use. Avoid physical damage to containers. Always wash hands with soap and water after handling. Work clothes should be laundered separately. Launder contaminated clothing before re-use. Use good occupational work practice. Observe manufacturer's storage and handling recommendations contained within this SDS. Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained. **DO NOT** allow clothing wet with material to stay in contact with skin

Conditions for Safe Storage: Store in a cool place at temperatures below 30°C
Observe manufacturer's storage and handling recommendations contained within this SDS

Environmental precautions: Do not allow product to reach sewers and rivers.

Other Precautions: Keep out of reach of children. Do not ingest. Avoid eye contact and contamination of food, and use according to directions on container.

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
pH of solution: Not available
Boiling Point(°C): ~184-189°C
Flammability limits: Not flammable



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Solubility in water (g/L):	Complete
Vapor Pressure:	~0.2mbar
Melting Point (°C):	Not available
Specific Gravity:	>1g/mL

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions
Hazardous decomposition products:	No data available
Hazardous reactivity (polymerization):	Does not occur

11. TOXICOLOGICAL INFORMATION

Inhaled:	No data
Ingestion:	Ingestion without dilution may cause irritation to the digestive system
Skin:	No known absorption or irritant effect on short-term
Eye:	Possible irritant effect.
Chronic:	No further data

12. ECOLOGICAL INFORMATION

It is unknown as to the long-term effects on the aquatic environment



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13. DISPOSAL CONSIDERATIONS

Disposal Method:	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.
Disposal of Contaminated Packaging:	Recycle /reconditioned at an approved facility.
Environmental Regulations:	Not relevant

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

SUSDP Poisons Schedule:	Not applicable
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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 Professional dental/medical use only.

This SDS 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 SDS in the context of how the product will be handled and used in the workplace.

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