

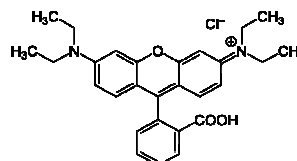
FIL Been There

SAFETY DATA SHEET

Issue Date: 1-Jun-16

1. Product and Company Identification

Product Name: FIL Been There
Proper Shipping Name: Not classed as a Dangerous Good for transport.
Synonyms: Rhodamine B540 Solution
Recommended Use: Herbicide tracer dye
Molecular Formula: C₂₈H₃₁ClN₂O₃



Manufacturer: FIL is a wholly owned subsidiary of GEA Farm Technologies New Zealand Ltd
Address: 72 Portside Drive, Mount Maunganui
Telephone Number: 07 575 2162
Fax Number: 07 575 2161
Website: www.gea.com
Email: info@fil.co.nz
Emergency phone No: 24hr 0508 434 569

2. Hazards Identification

Dangerous Goods: Not applicable

Hazardous Substance (HSNO):

WARNING



HSNO Classification and

Hazard Statements:

- 6.1D Toxic Substance - Oral**
H301 Toxic if swallowed.
- 6.3B Toxic Substance - Skin Irritant (Low Hazard)**
H316 Causes mild skin irritation
- 6.4A Toxic Substance - Eye Irritant (High Hazard)**
H319 Causes serious eye irritation
- 6.9B Toxic Substance - target organs**
H371 May cause liver damage

9.3C Ecotoxic to Terrestrial Vertebrates.

H433 Harmful to terrestrial vertebrates.

Prevention Statements:

- P102 Keep out of reach of children
- P103 Read Label before use.
- P104 Read Safety Data Sheet before use.
- P210 Keep away from heat. No smoking.
- P233 Keep container tightly closed.
- P260 Avoid breathing vapors.
- P264 Wash hands thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P273 Avoid release to the environment
- P280 Wear protective gloves and eye/face protection.

Response Statements:

- P101 If medical advice is needed, have product container or label at hand.
- P301 + P310 IF SWALLOWED: Immediately call a POISON CENTRE or doctor
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P303+P361+P353 IF ON SKIN (or hair): Remove immediately all contaminated clothing.
Rinse skin with water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P330 + P321 Rinse Mouth. Do NOT induce vomiting.
- P333+P313 If skin irritation or rash occurs: Get medical attention.
- P337+P313 If eye irritation persists: Get medical attention.
- P362 Take off contaminated clothing and wash before reuse.
- P312 Call a POISON CENTER or doctor/physician if you feel unwell.

Storage Statements:

- P403+P235 Store in a well ventilated place. Keep cool.

3. Composition/Information on Ingredients

Appearance:	Red violet liquid	
CAS No:	81-88-8	Rhodamine B/Cl. Basic violet 10 (15%)
	111-46-6	Diethylene glycol

4. First Aid Measures

Ingestion:	Rinse mouth then give a glass or two of water or milk. DO NOT cause vomiting unless medical attention is delayed by 30 minutes. (Take care to avoid patient inhaling stomach contents). If breathing stops, start mouth to nose resuscitation. Seek medical attention.
Eye Contact:	Wash eye with gently running water for at least 20 minutes. Do not rub the eye. Lightly cover with a sterile dressing. Seek medical attention if irritation persists.
Skin Contact:	Quickly remove contaminated clothing. Wash skin with large quantities of soap and water. Seek medical attention if irritation persists.
Inhalation:	Remove the casualty from further contamination. If symptoms are severe or persist seek medical attention.
Notes to Physician:	Treat symptomatically.

5. Fire-fighting Measures

Specific Hazards: Not flammable.

Suitable Extinguishing Media:

6. Accidental Release Measures

Spill Cleanup Methods: Contain and recover. Wear eye protection, gloves(neoprene or nitrile) and aprons. Use of an approved filter mask may be necessary. Absorb with sawdust. Avoid contamination of waterways. Follow instructions on FIL Emergency Response Plan: Chemical Spill
Switch off electrical equipment until vapour fire hazard removed.

7. Handling and Storage

Handling:	Skin and eye irritant Wear suitable protective clothing, gloves(neoprene or nitrile) and personal protection equipment for eyes and face when handling concentrates. Wash face and hands thoroughly after use.
Storage:	Store in original container, tightly closed, away from foodstuffs and children.

8. Exposure Control/Personal Protection

Exposure Standards:	Not available
Engineering Controls:	Use with adequate ventilation, product normally used outside
Personal Protection:	Wear suitable protective clothing, gloves and personal protection equipment for eyes and face when handling concentrates.

9. Physical and Chemical Properties

Appearance and Odour:	Red violet liquid
Solubility in Water (g/l):	Completely miscible
Specific Gravity:	1.1
Boiling Point/Melting Point (°C):	BP>240°C
Vapour Pressure: Methanol	1 mm Hg @91.8°C
Vapour Density: Methanol	3.6 X Air
Flashpoint (°C):	138
Flammability Limits (%):	2.1 - 12.3
pH Value:	3 - 3.5
Autoignition temperature (°C):	229

10. Stability and Reactivity

Stability:	Stable under normal temperatures and pressures
Conditions to Avoid:	High temperatures, incompatible materials, ignition sources.
Incompatibilities:	Avoid contact with aluminium, alumin alloys, copper rich alloys and neoprene Avoid contact with strong oxidising agents.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide,

11. Toxicological Information

General:	May be harmful if swallowed. Causes eye and skin irritation. Avoid skin contact or inhalation. May cause an allergic reaction in sensitive individuals.
Ingestion:	Ingestion may result in nausea, vomiting Rhodamine B: ORAL-RAT LD ₅₀ 500 mg/kg
Eye Contact:	Eye irritant. May cause watering of the eye or blurred vision.
Skin Contact:	Moderate irritation after prolonged contact, can cause sensitisation .
Inhalation:	Potentially toxic, irritant, avoid creating aerosols or mists.

12. Ecotoxicity Information

9.3C	Ecotoxic to Terrestrial Vertebrates (Medium Hazard) Rhodamine B: ORAL-RAT LD ₅₀ 500 mg/kg
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13. Disposal Considerations

Container Disposal:	Dispose of empty containers safely in accordance with local regulations. Avoid contamination of any water supply with product or empty container. Triple rinse containers when empty. Add rinsings to use solutions.
Product Disposal:	Dispose of product safely. Avoid contamination of any water supply with product or empty container.

14. Transport Information

UN No:	NA
Dangerous Goods Class:	NA
Hazchem Code:	NA
Packing Group:	NA
Proper Shipping Name:	NA
Segregation:	Do not store with DG classes 1, 5, food or food containers.
Limited Quantities:	NA

15. NZ Regulatory Information

ERMA Approval Code: HSR002503 Group Standard: Additives, Process Chemicals and Raw Materials

Group standard: Additives, Intermediates, Process Chemicals, Raw Materials (Subsidiary Hazard)

HSNO Classifications:

6.1D	Toxic Substance - Oral
6.3B	Toxic Substance- Skin irritant Low Hazard)
6.4A	Toxic Substance - Eye Irritant (High Hazard)
6.9B	Toxic Substance - Target organ toxicant
9.3C	Ecotoxic to Terrestrial Vertebrates (Medium Hazard)

HSNO Controls: Trigger quantities for this substance by itself in a Place:

Approved Handler Test Certificate:	<i>Not required</i>
	<i>Not required</i>
Hazardous Substance Location:	<i>Not required</i>
Location Test Certificate:	<i>Not required</i>
Hazardous Atmosphere Zone:	<i>Not required</i>
Fire Extinguishers:	<i>Not required</i>
Emergency Plan:	<i>Not required</i>
Tracking:	<i>Not required</i>
Warning Sign:	<i>Not required</i>
Disposal:	<i>Not required</i>

16. Other Information

Issue Date: 01-Jun-16

Review Date: 1-Jun-21

Definitions:	DG	Dangerous Good	
	LC50	Lethal concentration 50 % kill	
	LD50	Lethal dose 50 % kill	
	LDLO	lowest published lethal dose	
	PEL	Permissible exposure limit	
	STEL	Short term exposure limit	
	TLM24	24 hour median threshold limit	
	TWA	Time weighted average	<i>The 8-hour time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure</i>