

Date of issue: 26 March 2024
Revised by: Simonne Moses - HSNO Consultant SDS No: 3

Safety Data Sheet FIL BEEN THERE

Classified as: Hazardous according to the EPA Hazardous Substances
(Hazard Classifications) Notice 2020.

Section 1: SUBSTANCE AND SUPPLIER DETAILS

Product Name: FIL Been There

Supplier: FIL is a wholly owned subsidiary of
GEA Farm Technologies New Zealand Ltd

Address: 72 Portside Drive
Mt Maunganui 3116
New Zealand

Phone: +64 7 575 2162

Website: www.fil.co.nz

Recommended Use: Herbicide tracer dye

In Case of Emergency Contact:

CHEMCALL: 0800 CHEMCALL (243 622)

Section 2: HAZARDS IDENTIFICATION

Not classified as a Dangerous Good for Transport.

Classified as hazardous according to criteria in the EPA Hazardous Substances (Hazard Classifications) Notice 2020.

HSNO APPROVAL NUMBER: **HSR002503**

HSNO CLASSIFICATIONS: 6.1D – Acutely toxic, oral
6.4A – Irritating to eyes
6.9B – Harmful to human target organs or systems, repeated exposure

GHS Classification: Acute toxicity, oral – Category 4
Eye irritation – Category 2
Specific target organ toxicant, repeated exposure – Category 2

Hazard Statements:

H302 Harmful if swallowed
H319 Causes serious eye irritation
H373 May cause damage to organs (liver, kidneys) through prolonged or repeated exposure via ingestion.

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GHS Pictograms:



WARNING

PREVENTION STATEMENTS:

- P102 Keep out of reach of children.
- P103 Read label before use.
- P260 Do not breathe vapours.
- 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 + P312 IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.
- P330 Rinse mouth.
- 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 attention.
- P314 Get medical advice/attention if you feel unwell.

STORAGE: None

DISPOSAL:

P501 - In accordance with the EPA Hazardous Substances (Disposal) Notice 2017. Dispose of via an approved waste disposal contractor. Refer to Section 13 of the SDS.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Mixture: Dye

Main Component	CAS Number	Concentration (%wt)
Rhodamine B/Cl. Basic Violet 10	81-88-9	15%
Diethylene Glycol	111-46-6	85%

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: FIRST AID MEASURES

Workplace Facilities Required: Eye wash and safety shower facilities should be provided.

If Inhaled: Remove to fresh air. Seek medical attention if symptoms persist.

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In Contact with Eye: Hold eyes open, flush with water for at least 15 minutes. Seek medical attention if irritation develops and persists.

In Contact with Skin: Wash skin with plenty of water. Seek medical attention if skin irritation develops and persists.

If Swallowed: DO NOT INDUCE VOMITING. Rinse mouth. Give small quantities of water. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms develop and persist. If vomiting occurs, keep head below hips to prevent aspiration to lungs.

Advice to Doctor: Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Fire/Explosion Hazard: Product is not flammable or combustible.

Suitable Extinguishing Media: Use extinguisher suitable for surrounding environment and materials.

Precautions in Connection with Fire: May release toxic fumes containing oxides of carbon.

Advice for firefighters: Wear full firefighting gear and self-contained breathing apparatus.

Section 6: ACCIDENTAL RELEASE MEASURES

An emergency response plan meeting the requirements of Part 5 of the Health and Safety at Work (Hazardous Substances) Regulations 2017 is required when held in quantities greater than 1,000L.

Precautions: Clear area of all unprotected personnel. Keep unnecessary and unprotected personnel from entering area. Avoid release to the environment.

Suitable Protective Equipment: Emergency responders should use personal protective equipment, including gloves, protective clothing, and safety glasses. Respiratory protection is not normally required.

Spill or Leak Procedures. Absorb the spill with suitable absorbent material (sand, earth, vermiculite) and collect into a properly labelled waste container for disposal. Residual quantities may be washed away with water.

Waste Disposal Methods: Dispose of as per Section 13.

Emergency preparation: Ensure there is appropriate and adequate personal protective equipment, trained personnel and clean up materials for management of accidental release.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with skin and eyes. Do not eat, drink, or smoke when using this product. Remove contaminated clothing and wash hands and face before entering eating areas.

Storage: Store in a closed container. Keep away from heat and direct sunlight.

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Site Storage Requirements: Site Signage will be required when quantities exceed 10,000L.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Standards NZ:	No Workplace Exposure Standards have been established for this product. A Workplace Exposure Standard has been set for the following ingredient: Diethylene Glycol: TWA 10 ppm, 44 mg/m ³ , STEL 40 ppm, 176 mg/m ³ (inhalable fraction and vapour)
Engineering Controls:	Eyewash facilities and safety showers should be provided in the work area where there is a risk of exposure to eyes and skin. Natural ventilation should be adequate under normal conditions of use.
Personal Protective Equipment:	Observe good chemical hygiene practice.
Hand protection:	Wear protective gloves to avoid product getting on hands and possible transfer to other areas. Refer to Australian and New Zealand Standard AS/NZS 2161 for protective gloves.
Skin and body protection:	Protective clothing is recommended if handling large quantities. Refer to Australian and New Zealand Standard AS/NZS 4501 for occupational protective clothing.
Eye protection:	Use safety glasses with side shields or safety goggles to protect eyes. Refer to AS/NZS 1336 for suitable eye and face protection.
Respiratory protection:	Not normally required under typical use conditions.
Other information:	PPE selected must be impervious to the substance. Do not eat, smoke, or drink where material is handled, processed, or stored. Wash hands carefully before eating, drinking, or smoking. Handle in accordance with safe industrial hygiene practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Colour:	Red Violet
Odour:	Odourless	Odour Threshold:	Not applicable
pH:	3 – 3.5	Solubility:	Completely miscible
Melting/Freezing Point:	Not available	Boiling Point:	> 240°C
Flash Point:	138°C	Flammability:	Not flammable
Lower/Upper Flammability Limits:	2.1 – 12.3	Vapour Pressure:	0.008 hPa @ 25°C
Vapour Density:	Not available	Relative Density:	1.1
Partition Coefficient:	Not available	Auto-ignition Temperature:	229°C
Decomposition Temperature:	Not available	Kinematic Viscosity:	Not available
Particle Characteristics:	Not applicable		

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Section 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions.

Reactivity: No dangerous reactions known.

Conditions to Avoid: High temperatures, incompatible materials, ignition sources. Avoid generating mists/sprays.

Incompatibility: Keep away from strong oxidisers, strong alkalis, aluminium and its alloys, copper and its alloys, and neoprene.

Hazardous Decomposition: May decompose on heating to release toxic fumes containing oxides of carbon.

Section 11: TOXICOLOGICAL INFORMATION

Acute Exposure

Acute Toxicity: LD50 oral > 300 - ≤ 2000 mg/kg.
 LD50 dermal > 5000 mg/kg
 LC₅₀ inhalation (mist/spray) > 5.0 mg/L

Inhalation: Not an expected route of exposure during normal conditions of use.

Ingestion: Harmful if swallowed. May cause nausea, vomiting, gastrointestinal upset.

Skin Corrosion/Irritation: Product is not a skin corrosive or irritant. Product may stain skin.

Serious Eye Damage/Eye Irritation: Product is not corrosive to eyes. Product is an eye irritant and may cause redness, weeping.

Respiratory or Skin Sensitisation: Not known to cause respiratory or contact sensitisation.

Chronic Exposure:

Mutagen/Carcinogen/Reproductive Toxicant No chronic toxicity effects expected.

Specific Target Organ Toxicity Single Exposure: No information available. No known effects.

Specific Target Organ Toxicity Repeated Exposure: Harmful to human target organs or systems (kidneys, liver) through prolonged or repeated exposure via ingestion.

Aspiration Hazard: No information available. Not expected to be an aspiration hazard.

Toxicity data is based on hazardous ingredient information and information in the EPA Chemical Classification and Identification Database.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not classified as ecotoxic in the aquatic environment.

LC/EC₅₀ > 100 mg/L

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Persistence/degradability: Not available. Not expected to be persistent.

Bioaccumulation: Not available. Not expected to bioaccumulate.

Mobility in soil: No information available.

Other adverse effects: None identified.

Ingredients with Ecotoxic classifications: There are no ingredients with ecotoxic classifications.

Ecotoxicity data is based on information in the EPA Chemical Classification and Identification Database.

Section 13: DISPOSAL CONSIDERATIONS

Disposal: Recycle and reuse wherever possible. Dispose of waste product via an approved waste disposal contractor.

Disposal of Packaging: Dispose of packaging via an approved waste disposal contractor. Triple rinse containers when empty. Add rinse solution to use solutions.

Avoid contamination of natural water supplies with the product or empty container. After cleaning, all existing labels should be removed.

Section 14: TRANSPORT INFORMATION

Not classified as a Dangerous Good for transport in accordance with NZS5433:2020, IMDG or IATA.

Ensure transportation methods prevent leakage from packages and collapsing loads.

Section 15: REGULATORY INFORMATION

Group Standard Allocation: Additives, Process Chemicals and Raw Materials (Subsidiary Hazard) Group Standard 2020.

HSNO Approval Code: HSR002503

Classifications: Acute toxicity, oral – Category 4
 Eye irritation – Category 2
 Specific target organ toxicant, repeated exposure – Category 2

NZ Inventory of Chemicals: All ingredients are listed in the NZ Inventory of Chemicals.

This substance triggers:

Compliance Certificate	N/A
Certified Handler	N/A
Emergency Response Plan	1,000L
Secondary Containment	1,000L
Signage	10,000L

This substance is not required to be Tracked. All workplace personnel handling this substance are required to be trained on the safe handling and PPE requirements for the hazards associated with this substance.

Section 16: OTHER INFORMATION

The information provided in this Safety Data Sheet relates only to the specific material designated herein. This

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Safety Data Sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle the product in the workplace. Each user should read this SDS 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.

This substance is approved under HSNO for use as an additive for herbicides. All reasonable care has been taken to ensure that the information and advice contained herein are from sources believed to be reliable and to represent the most up-to-date knowledge available at the date given in Section 16. No liability is assumed for any damages related to the use or misuse of this substance.

All chemical materials may present unknown hazards as people have varying degrees of sensitivity to chemicals. Therefore, this product should be used with caution. The information herein is given in good faith, but no warranty, express or implied is made.

SDS Issued: 26/03/2024
Supersedes: 3/12/2021
Reason for Revision: Review and update.

References:

EPA NZ Chemical Classification and Information Database
EPA Guide: Guide to Classifying Hazardous Substances in New Zealand, Version 1

Summary of Abbreviations: EPA – Environmental Protection Authority
GHS – Global Harmonisation System
CAS – Chemical Abstracts Service
TWA – Time Weighted Average

END OF SAFETY DATA SHEET