

FIL New Zealand Limited

FIL Uddermark

SAFETY DATA SHEET

Issue Date: 19-May-17

1. Product and Company Identification

Product Name: FIL Uddermark
Proper Shipping Name: Aerosols (less than 1000 cc)
Synonyms:
Recommended Use: Temporary stock marker
Molecular Formula: Mixture
Manufacturer: Farmers Industries (New Zealand) Limited
Address: 72 Portside Drive, Mt Maunganui
Telephone Number: 07 575 2162
Fax Number: 07 575 2161
Emergency phone No: 24hr 0508 434 569
Website: www.fil.co.nz
Email: info@fil.co.nz

Distributor: Shoof International (Australia) PTY Ltd
Address: 1 International Square, Tullamarine, VIC 3043
Telephone Number: 03 9907 3000
Fax Number: 03 9310 4760
Website: shoof.com.au
Email: sales@shoof.com.au

2. Hazards Identification

Dangerous Goods: 2.1

Hazardous Substance (HSNO):



WARNING

HSNO Classification and

2.1.2A Flammable Aerosol

Hazard Statements:

H223 Flammable aerosol.

6.1D Acutely toxic substance

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H332 Harmful if inhaled.

6.3B Skin irritant

H316 Causes mild skin irritation.

6.4A Eye irritant

H319 Causes serious eye irritation.

9.1D Ecotoxic in the aquatic environment

H413 May cause long lasting harmful effects to aquatic life.

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 open flames and hot surfaces. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Pressurized container: Do not pierce or burn, even after use.

P261 Avoid breathing spray.

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280 Wear protective gloves, protective clothing and /face protection.

Response statements:

P101 If medical advice is needed, have product container or label at hand.

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P304+P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P330 Rinse mouth.

P331 Do NOT induce vomiting.

P332+P313 If skin irritation occurs: Get medical advice/ attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

Storage Statements:

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

3. Composition/Information on Ingredients

Appearance:	Low viscosity liquid with solvent odour. Available in Red & Green. Supplied as an aerosol pack.
CAS No:	67-64-1 Acetone (<10%) 142-82-5 Heptane (30-60%) 68476-85-7 Hydrocarbon propellant (30-60%) Carriers, pigments etc to 100%

4. First Aid Measures

Ingestion:	Call a Doctor. Rinse mouth then give a glass or two of water or milk. DO NOT induce vomiting. Seek medical attention.
Eye Contact:	Immediately hold eyelids apart and flush the eye continuously with running water for at least 15 minutes. Do not rub the eye. Seek medical attention immediately.
Skin Contact:	Quickly remove contaminated clothing. Wash skin with large quantities of water (and soap if available). Remove any adhering solids with industrial skin cleansing cream. DO NOT use solvents. Seek medical attention in the event of irritation.
Inhalation:	If fumes or combustion products are inhaled remove from contaminated area immediately. Lay patient down. Keep warm and rested. Apply artificial respiration if not breathing. Seek medical attention immediately.
Notes to Physician:	Evaluate for respiratory distress. Consider lavage with cuffed tube. DO NOT use adrenalin.

5. Fire-fighting Measures

Specific Hazards:	Flammable propellant - risk of explosion if heated. May give off toxic fumes if involved in fire. Wear breathing apparatus plus protective gloves. Prevent spillage from entering drains or water. Switch off electrical equipment until vapour fire hazard removed.
Suitable Extinguishing Media:	Small fire: Water spray, dry chemical or CO ₂ . Large fire: Water spray or fog.

6. Accidental Release Measures

Spill Cleanup Methods:	Eliminate all ignition sources. Avoid breathing vapours and contact with skin and eyes. Wear protective clothing, impervious gloves and safety glasses. Contain and recover immediately. Absorb spill with sand, earth, inert material or vermiculite. Avoid contamination of drains or waterways.
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7. Handling and Storage

Handling: Avoid all personal contact, including inhalation. Use suitable gloves, respiratory and eye protection when spraying or dusting. Use in a well-ventilated area. Avoid smoking, naked lights or ignition sources. Do not eat, drink or smoke when handling. Always wash hands with soap and water after handling. Keep containers securely sealed when not in use. Avoid physical damage to containers. Launder work clothes separately. Do not incinerate or puncture aerosol cans.

Storage: Do not store with D.G classes 1, 5, 7, acids, food or food containers. Store in a cool well ventilated place, away from foodstuffs and out of reach of children. Keep dry to avoid corrosion of cans - which may result in container perforation and ejection of contents. Incompatible with oxidizing agents, chlorine, phosphorus.

8. Exposure Control/Personal Protection

Exposure Standards: TWA - solvent 400 ppm

Engineering Controls: Use in a well-ventilated area. If risk of overexposure exists, wear approved respirator.

Personal Protection: Use suitable gloves, respiratory and eye protection when spraying or dusting.

9. Physical and Chemical Properties

Appearance and Odour: Low viscosity liquid with solvent odour.
Available in red & green.

Solubility in Water (g/l): Nil

Specific Gravity: 0.8 (approx)

Boiling Point/Melting Point (C): Not available

Vapour Pressure: (Pascals or mm of Hg @ 250C): Under pressure

Flashpoint (C): -104 propellant

Flammability Limits (%): Not available

pH Value: Not available

10. Stability and Reactivity

Stability: Stable. Pressurised aerosol can with flammable propellant. Elevated temperatures and presence of open flame could cause product to erupt. Incompatible with explosives and oxidising agents.

11. Toxicological Information

General:	Solvent and harmful vapour. May be harmful if swallowed, inhaled, gets in eyes or in prolonged skin contact. Possible accumulative long term effects.
Ingestion:	Irritant, emetic, purgative. Harmful in larger quantities.
Eye Contact:	Irritant - reddened, swollen or watering excessively.
Skin Contact:	Irritant - possible drying and cracking.
Inhalation:	Potentially harmful - causing dizziness, drowsiness. Avoid inhaling vapour and use with adequate ventilation. Heptane Inhalation-RAT LC50 103 g/m ³ /4h.

12. Ecotoxicity Information

9.1C	Heptane: Very toxic to aquatic organisms - may cause long-term damage to the environment. Avoid loss into natural waterways. LC50 Gambusia affinis (Western mosquito fish) 4924 mg/L/24, 48, 96 hr
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13. Disposal Considerations

Container Disposal:	Dispose of empty containers safely - do not puncture or burn. Avoid contamination of any water supply with product or empty container.
Product Disposal:	Dispose of product safely. Avoid contamination of any water supply with product or empty container.

14. Transport Information

UN No:	1950
Dangerous Goods Class:	2 Dangerous goods in limited quantities
Hazchem Code:	2YE
Packing Group:	Not available
Proper Shipping Name:	Aerosols (less than 1000 cc)
Segregation:	Do not store with D.G classes 1, 5, 7, acids, food or food containers.
Limited Quantities:	1 Litre

15. NZ Regulatory Information

ERMA Approval Code: HSR002515

Group Standard: Aerosols (Flammable)

HSNO Classifications:

2.1.2A	Flammable Aerosol
6.1D	Acutely toxic substance
6.3B	Skin irritant
6.4A	Eye irritant
9.1D	Ecotoxic in the aquatic environment

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

Approved Handler Test Certificate: 3000 litres

Hazardous Substance Location: 3000 litres

Location Test Certificate: 3000 litres

Hazardous Atmosphere Zone & Fire

extinguishers: 3000 litres

Emergency Plan: 3000 litres

Tracking: Not required

Warning Sign: 3000 litres

Disposal: Not required

16. Other Information

Issue Date: 19-May-17

Review Date: 19-May-22

Definitions:

DG	Dangerous Good	
LC50	Lethal concentration 50 % kill	
LD50	Lethal dose 50 % kill	
PEL	Permissible 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>