

Date of issue: 8 August 2019  
 Revised by: Simonne Moses - HSNO Consultant SDS No: 1

# Safety Data Sheet

## FIL FOOTROT AEROSOL

Classified as: Hazardous according to the EPA Hazardous Substances  
 (Minimum Degrees of Hazard) Notice 2017.

### Section 1: SUBSTANCE AND SUPPLIER DETAILS

**Product Name:** FIL Footrot Aerosol

**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](http://www.fil.co.nz)

**Recommended Use:** Treatment of footrot in farm animals

**In Case of Emergency Contact:**

**CHEMCALL:** 0800 CHEMCALL (243 622)

### Section 2: HAZARDS IDENTIFICATION

Classified as a Dangerous Good for Transport.

Classified as hazardous according to criteria in the EPA Hazardous Substances (Minimum Degrees of Hazards) Notice 2017.

HSNO APPROVAL NUMBER: **HSR001967**

HSNO CLASSIFICATIONS: 2.1.2A – Flammable aerosol  
 6.4A – Irritating to eyes  
 9.1A – Very ecotoxic in the aquatic environment

GHS Classification: Flammable aerosol – Category 1  
 Serious eye damage/eye irritation – Category 2  
 Aquatic toxicity (chronic) – Category 1

Hazard Statements:

H222 Extremely flammable aerosol  
 H319 Causes serious eye irritation  
 H410 Very toxic to aquatic life with long-lasting effects

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GHS Pictograms:



**DANGER**

PREVENTION STATEMENTS:

- P103 Read label before use.
- P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- P211 Do not spray on an open flame or other ignition source.
- P251 Pressurised container. Do not pierce or burn, even after use.
- P264 Wash hands thoroughly after handling.
- P273 Avoid release to the environment.
- P280 Wear eye/face protection.

RESPONSE STATEMENTS:

- 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 advice/attention.
- P391 Collect spillage

STORAGE

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

DISPOSAL

In accordance with the EPA Hazardous Substances (Disposal) Notice 2017. Refer to Section 13 of this SDS.

**Section 3: COMPOSITION / INFORMATION ON INGREDIENTS**

Main Component	CAS Number	Concentration
Isopropyl Alcohol	67-63-0	30-60%
Hydrocarbon propellant	68476-85-7	30-60%
Dichlorophen	97-23-4	5%

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 facilities should be provided.

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

**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:** Extremely flammable aerosol. Keep away from heat, flames, hot surfaces, sparks. May explode when heated. Remove containers from path of fire if possible and safe to do so. Cool fire exposed containers with water spray.

**Suitable Extinguishing Media:** Use water fog or spray, foam, carbon dioxide or dry powder.

**Precautions in Connection with Fire:** May give off choking fumes in a fire.

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

### Section 6: ACCIDENTAL RELEASE MEASURES

**An emergency response plan is required under Part 5 of the Health and Safety at Work (Hazardous Substances) Regulations 2017 when held in quantities greater than 100L.**

**Precautions:** Clear area of all unprotected personnel. Keep unnecessary and unprotected personnel from entering area. Remove any sources of ignition and ventilate area. Avoid release to the environment.

**Suitable Protective Equipment:** Emergency responders should use personal protective equipment, including gloves, and safety glasses. Respiratory protection may be required if ventilation is inadequate.

**Spill or Leak Procedures:** Wipe up the spill. Damaged cans should be placed in a container outdoors, away from ignition sources and out of direct sunlight, until pressure has dissipated. Then damaged cans may be disposed of.

**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.

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## Section 7: HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid contact with skin and eyes. Avoid breathing aerosol spray. Use in a well-ventilated area. Do not eat drink or smoke when using this product. Remove contaminated clothing and wash hands and face before entering eating areas. Do not spray onto hot surfaces, into open flames or near sources of ignition. Do not puncture or burn aerosol can.

**Storage:** Store in a well-ventilated area. Keep away from heat, ignition sources, hot surfaces and direct sunlight. Storage temperatures must not exceed 50°C.

**Site Storage Requirements:** Site Signage will be required when quantities exceed 100L. Flammable aerosols must not be stored with Class 3 flammable liquids, Class 5 oxidisers or Class 8 metal corrosives.

## Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Workplace Exposure Standards NZ:** No Workplace Exposure Standards have been established for this product. Workplace Exposure Standards have been set for the following ingredients:

Hydrocarbon propellant: TWA 1000 ppm, 1800 mg/m<sup>3</sup>  
 Isopropyl Alcohol: TWA 400 ppm, 983 mg/m<sup>3</sup>, STEL 500 ppm, 1230 mg/m<sup>3</sup>

**Engineering Controls:** Eyewash facilities should be provided in the work area where there is a risk of exposure to eyes. Use respiratory protection if exposed to aerosol spray.

**Personal Protective Equipment:** Observe good chemical hygiene practice.

**Hand protection:** Wear protective gloves that are resistant to the product. 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 chemical goggles to protect eyes. Refer to AS/NZS 1336 for suitable eye and face protection.

**Respiratory protection:** Use a respirator fitted with an organic vapour cartridge when spraying. Refer to AS/NZS 1715 and AS/NZS 1716 for suitable respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Other information:** Handle in accordance with safe industrial hygiene practices.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid in a pressurised aerosol	Colour:	Clear
Odour:	Alcohol	Odour Threshold:	Not available
pH:	Not available	Solubility:	Miscible in water

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Melting/Freezing Point:	Not available	Boiling Point:	Not available
Flash Point:	-81°C (propellant)	Flammability:	Highly flammable
Lower/Upper Flammability Limits:	1.5-12	Vapour Pressure:	Not available
Vapour Density:	>1 (air = 1)	Relative Density:	0.76
Partition Coefficient:	Not available	Auto-ignition Temperature:	Approx. 400°C (Isopropyl Alcohol)
Decomposition Temperature:	Not available	Kinematic Viscosity:	Not applicable

**Section 10: STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable under normal storage conditions.
<b>Reactivity:</b>	No dangerous reactions known.
<b>Conditions to Avoid:</b>	Avoid heat, sparks, ignition sources, flames, hot surfaces. Avoid accidental release of aerosol spray. Protect aerosol can from damage that may cause punctures.
<b>Incompatibility:</b>	Keep away from strong oxidisers, metal corrosives, flammable liquids, combustible materials and strong alkalis.
<b>Hazardous Decomposition:</b>	May form toxic, choking gases when heated.

**Section 11: TOXICOLOGICAL INFORMATION**

**Acute Exposure**

<b>Acute Toxicity:</b>	LD50 oral > 5000 mg/kg. LD50 dermal > 5000 mg/kg LC <sub>50</sub> inhalation (vapours) > 20.0 mg/L
<b>Inhalation:</b>	Inhalation of large quantities of vapour/spray may cause asphyxiation.
<b>Ingestion:</b>	Not an expected route of exposure.
<b>Skin Contact:</b>	Not expected to be irritating to skin.
<b>Eye Contact:</b>	Eye irritant.
<b>Sensitiser:</b>	Not expected to be a respiratory or contact sensitiser.

**Chronic Exposure:**

<b>Mutagen/Carcinogen/Reproductive Toxicant</b>	No chronic toxicity effects expected.
<b>Specific Target Organ Systemic Toxicity:</b>	No known effects.

Toxicity data is based on hazardous ingredient information and information in the

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EPA Chemical Classification and Identification Database.

### Section 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** Very ecotoxic in the aquatic environment with long-lasting effects.

**Persistence/degradability:** Not available.

**Bioaccumulation:** Not available

**Mobility:** Product is soluble in water.

Ecotoxicity data is based on hazardous ingredient information.

### Section 13: DISPOSAL CONSIDERATIONS

**Disposal:** Do not incinerate or puncture aerosols. Dispose of waste product via an approved waste disposal contractor.

**Disposal of Packaging:** Empty aerosol cans may still contain flammable vapours. Treat as hazardous. Dispose of packaging via an approved waste disposal contractor.

Avoid contamination of natural water supplies with chemical or empty container.

### Section 14: TRANSPORT INFORMATION

Classified as a Dangerous Good for transport in accordance with NZS5433:2012, IMDG or IATA.



NZS5433:2012

UN No: 1950

Proper Shipping Name: Aerosols, flammable, less than 1L capacity

Class: 2.1

Packing Group: N/A

Environmental hazard: Yes

Limited Quantity: 1L

Hazchem Code: 2YE

IMDG:

UN No: 1950

Proper Shipping Name: Aerosols, flammable, less than 1L capacity

Class: 2.1

Packing Group: N/A

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Marine Pollutant: Yes  
 EmS: F-D, S-U  
 Limited Quantity: 1L

IATA:  
 UN No: 1950  
 Proper Shipping Name: Aerosols, flammable, less than 1L capacity  
 Class: 2.1  
 Packing Group: N/A  
 Environmental hazard: Yes

Ensure transportation methods prevent leakage from packages and collapsing loads.

### Section 15: REGULATORY INFORMATION

**HSNO Allocation:** Flammable aerosol containing 5 – 10% Dichlorophen

**HSNO Approval Code:** HSR001967

**HSNO Classifications:**

2.1.2A	Flammable aerosol
6.4A	Eye irritant
9.1A	Highly ecotoxic in the aquatic environment

This substance triggers:	Compliance Certificate Certified Handler Emergency Response Plan Secondary Containment Signage Fire Extinguishers	3000L aggregate water capacity N/A 100L Not applicable 100L 1 required for 3000L or more
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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 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 animal health product. 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.

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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: 8/08/2019

Reason for Revision: Update to New Zealand regulatory requirements.

References:

EPA NZ Chemical Classification and Information Database  
EPA Guide: Assigning a Hazardous Substance to a Group Standard, 2014

**END OF SAFETY DATA SHEET**