

FIL Footrot Aerosol

SAFETY DATA SHEET

Issue Date: 30-Nov-17

1. Product and Company Identification

Product Name: FIL Footrot Aerosol
Proper Shipping Name: Aerosols less than 1000 cc
Synonyms: Dichlorophen
Recommended Use: Bactericidal spray for the treatment of footrot in farm animals.
Molecular Formula: Dichlorophen C₁₃H₁₀Cl₂O₂
Manufacturer: FIL is a wholly owned subsidiary of GEA Farm Technologies New Zealand Ltd
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

2. Hazards Identification

Dangerous Goods: 2

Hazardous Substance (HSNO):



Signal word:

DANGER

HSNO Classification and Hazard Statements:

2.1.2A Flammable Aerosol
H222 Extremely Flammable aerosol
6.1D Acutely toxic
H302 Harmful if swallowed.
6.4A Eye Irritant
H319 Causes serious eye irritation
9.1A Ecotoxic in the Aquatic Environment
H410 Very toxic to aquatic life with long lasting effects.

Prevention statements:

P103 Read Label before use
P104 Read Safety Data Sheet before use
P210 Keep away from heat. 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.
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 attention.

P391 Collect spillage.

Storage statements:

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

3. Composition/Information on Ingredients

Appearance:	Colourless liquid with an alcohol odour. Supplied as an aerosol pack.	
CAS No:	97-23-4	Dichlorophen 5% w/w (Active Ingredient)
	67-63-0	Isopropanol (30-60%)
	68476-85-7	Hydrocarbon propellant (30-60%)

4. First Aid Measures

Ingestion: Call a Doctor. Rinse mouth then give a glass or two of water or milk.
DO NOT induce vomiting unless medical attention is delayed by 15 minutes. (Take care to avoid patient inhaling the stomach contents). If breathing stops, start mouth-to-nose resuscitation. Seek medical attention immediately.

Eye Contact: Wash eye with gently running water for at least 20 minutes, keeping eyelids apart. 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). Seek medical attention in the event of irritation.

Inhalation: If fumes or combustion products are inhaled, remove from contaminated area. Lay patient down, keep warm and rested. Apply artificial respiration if not breathing, preferably with a demand valve resuscitator. Perform CPR if necessary. Seek medical attention immediately.

Notes to Physician: Treat symptomatically.

5. Fire-fighting Measures

Specific Hazards: Liquid and vapour are highly flammable. Explosion risk high for bulk quantities. If involved in a fire, may emit choking fumes. Firefighters should wear breathing apparatus plus protective gloves. If safe, switch off electrical equipment until vapour fire hazard removed. Use a fine water spray to control fire and cool area. Do not approach containers expected to be hot.

Suitable Extinguishing Media: Use water, foam, CO2 or dry powder to extinguish, depending on other components in the fire.

6. Accidental Release Measures

Spill Cleanup Methods: Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes. Wear protective clothing, PVC gloves and safety glasses. Shut off all possible sources of ignition and increase ventilation. Wipe up. If safe, damaged cans should be placed in a container outdoors, away from all ignition sources, until pressure has dissipated. Undamaged cans should be gathered and stowed safely.
Marine pollutant - avoid contamination of waterways.

7. Handling and Storage

Handling:	Avoid all personal contact, including inhalation. Suitable respiratory and eye protection should be worn while spraying. Use in a well-ventilated area. Avoid smoking, naked lights or ignition sources. Do not eat, drink or smoke while handling. Always wash hands with soap and water after handling. Avoid physical damage to containers. Do not incinerate or puncture aerosol cans.
Storage:	Do not store with DG classes 1,5, food or food containers. Store in a cool, dry, well ventilated area. No smoking, naked lights, heat or ignition sources. Store in original container, tightly closed, away from foodstuffs and out of the reach of children.

8. Exposure Control/Personal Protection

Exposure Standards:	Isopropyl alcohol TWA 400 ppm; 983 mg/m ³ ; STEL 500 ppm; 1230 mg/m ³ LPG (Liquefied petroleum gas) TWA 1000 ppm; 1800 mg/m ³
Engineering Controls:	If risk of overexposure exists, wear a suitable respirator. Provide adequate ventilation in closed storage areas.
Personal Protection:	Use suitable gloves(neoprene, nitrile or PVC), respiratory and eye protection when spraying.

9. Physical and Chemical Properties

Appearance and Odour:	Colourless flammable liquid with an alcohol odour.
Solubility in Water (g/l):	Miscible.
Specific Gravity:	0.76
Boiling Point/Melting Point (C):	Not Available
Vapour Pressure: (Pascals or mm of Hg @ 250C):	Not Available
Flashpoint (C):	-81 (propellant)
Flammability Limits (%):	Flammable propellant and solvent.
pH Value:	Not Available

10. Stability and Reactivity

Stability:	Flammable propellant and solvent. Active incompatible with strong bases, strong oxidising agents
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11. Toxicological Information

General:	Potentially harmful if ingested, inhaled, gets in eyes or is absorbed through skin.
Ingestion:	Ingestion unlikely. May be harmful if ingested. Oral -Rat LD50 1506 mg/kg Probable Oral Lethal Dose (Human) 0.5-5 g/kg
Eye Contact:	Irritant - may cause redness, inflammation.
Skin Contact:	Irritant at concentrations over 4% and possibly toxic by absorption.
Inhalation:	Potentially toxic - avoid inhaling aerosols or mists.

12. Ecotoxicity Information

9.1A	Ecotoxic in the Aquatic Environment.
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13. Disposal Considerations

Container Disposal: Dispose of empty containers safely. Do not incinerate or puncture aerosol cans.
Avoid contamination of any water supply with chemical or empty container.

Product Disposal: Dispose of product safely. Avoid contamination of any water supply with chemical or empty container.

14. Transport Information

UN No: 1950
Dangerous Goods Class: 2
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, food or food containers.
Limited Quantities: 1 Litre

15. NZ Regulatory Information

ERMA Approval Code: HSR001967

Substance Name: Flammable aerosol containing 5 - 10% Dichlorophen

HSNO Classifications:

2.1.2A	Flammable Aerosol
6.1D	Harmful if swallowed
6.4A	Eye Irritant
9.1A	Ecotoxic in the Aquatic Environment

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

Certified Handler 3000L

Veterinarians holding a current annual retention certificate are deemed to be certified handlers for storing or using this substance other than when it is being stored for resale.

Compliance Location Certificate: 3000L

Hazardous Atmosphere Zone: 3000L

Emergency Plan: 100L

Tracking: Not required

Warning Sign: 100L

Record of application or discharge: Not Required

16. Other Information

Issue Date: 30-Nov-17

Review Date: 30-Nov-22

Definitions:

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