

FIL

FIL Trough Block SAFETY DATA SHEET

Issue Date: 28-Jul-2009

1. Product and Company Identification

Product Name: FIL Trough Block
Proper Shipping Name: Non hazardous
Synonyms: Gypsum Plaster
Recommended Use: Mineral supplement for animals
Molecular Formula: *Not applicable*
Manufacturer: Farmers Industries (New Zealand) Limited
Address: 72 Portside Drive, Mount Maunganui, NZ/ FIL Agritech LLC, 5983 UF Rte 11, Homer NY, 13077, USA
Telephone Number: 607 749 3931
Fax Number: 607 749 3266
Website: www.fil.co.nz
Email: info@fil.co.nz
Emergency phone No: 24hr 607 749 3931

2. Hazards Identification

Dangerous Goods: *Not applicable*

Hazardous Substance (HSNO):



DANGER

Hazard Statements:

6.3A Toxic Substance - Skin Irritant (High Hazard)

H315 Causes skin irritation.

6.4A Toxic Substance - Skin Irritant (High Hazard)

H315 Causes skin irritation.

8.3A Corrosive to Ocular Tissue (High Hazard)

H318 Causes serious eye damage.

9.1B Ecotoxic in the Aquatic Environment (Low Hazard)

H413 May cause long lasting harmful effects to aquatic life.

9.3C Ecotoxic to Terrestrial Vertebrates (Medium Hazard)

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.

P264 Wash hands thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves and eye/face protection.

P281 Use personal protective equipment as required.

Response statements:

P101 If medical advice is needed, have product container or label at hand.
P302+P352 IF ON SKIN: Wash with plenty of soap and 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.
P332+P313 If skin irritation occurs: Get medical advice/ attention.

Storage Statements:

P402 Store in a dry place.

3. Composition/Information on Ingredients

Appearance:	Grey/brown solid block
CAS No:	7733-02-0 Zinc Sulphate <10%
	10124-43-3 Cobalt Sulphate <10%
	7758-98-7 Copper Sulphate 10 - 30%
	7778-18-9 Calcium Sulphate 30 - 60%

4. First Aid Measures

Ingestion: Rinse mouth then give plenty of water. DO NOT cause vomiting.
If discomfort occurs 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: Wash skin with large quantities of soap and water
Seek medical attention if irritation persists.

Inhalation: *Not applicable*

Notes to Physician: Treat symptomatically.

5. Fire-fighting Measures

Specific Hazards: *Not applicable*

Suitable Extinguishing Media: *Not applicable*

6. Accidental Release Measures

Spill Cleanup Methods: Sweep product up and dispose as non hazardous waste

7. Handling and Storage

Handling: No special handling precautions

Storage: Store in original container, tightly closed, away from foodstuffs and children.

8. Exposure Control/Personal Protection

Exposure Standards: *Not applicable*

Engineering Controls: Use with adequate ventilation, product normally used outside

Personal Protection: *Not applicable*

9. Physical and Chemical Properties

Appearance and Odour: Grey/brown solid block

Solubility in Water (g/l): Completely soluble

Specific Gravity: Not applicable

Boiling Point/Melting Point (C): Not applicable

Vapour Pressure: Methanol Not applicable

Vapour Density: Methanol Not applicable

Flashpoint (C): Not applicable

Flammability Limits (%): Not applicable

pH Value: Not applicable

Autoignition temperature: Not applicable

10. Stability and Reactivity

Stability: Stable under normal temperatures and pressures

Conditions to Avoid: None

Incompatibilities: None

Hazardous Decomposition Products: Sulphates of copper, calcium, zinc and cobalt - harmful in concentrated solutions or in solid form

11. Toxicological Information

General: May be harmful if swallowed. Causes eye and skin irritation. Avoid skin contact.

Ingestion: Non toxic

Eye Contact: Eye irritant. May cause watering of the eye or blurred vision.
Those with existing eye diseases may be at increased risk from exposure.

Skin Contact: Moderate irritation after prolonged contact, can cause sensitisation .

Inhalation: *Not applicable*

12. Ecotoxicity Information

9.1B Ecotoxic in the Aquatic Environment (Low Hazard)
Classification based on parent record and mixture rules
9.3C Ecotoxic to Terrestrial Vertebrates (Medium Hazard)
Classification based on the pure chemical classification and mixture rules

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.

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

14. Transport Information

UN No: Not Applicable
Dangerous Goods Class: Not Applicable
Hazchem Code: Not Applicable
Packing Group: Not Applicable
Proper Shipping Name: Non-hazardous
Segregation: Do not store with food or food containers.
Limited Quantities: Not Applicable

15. NZ Regulatory Information

ERMA Approval Code: HSR002521

Group standard: Animal Nutrition and Animal Care Products Group Standard 2006

HSNO Classifications:

- 6.3A Toxic Substance - Skin Irritant (High Hazard)
- 6.4A Toxic Substance - Skin Irritant (High Hazard)
- 8.3A Corrosive to Ocular Tissue (High Hazard)
- 9.1B Ecotoxic in the Aquatic Environment (Low Hazard)
- 9.3C Ecotoxic to Terrestrial Vertebrates (Medium Hazard)

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

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

16. Other Information

Issue Date: 28-Jul-09
Review Date: 28-Jul-14 Issue 1

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>