

FIL Trough Tablet

SAFETY DATA SHEET

Issue Date: 4-Dec-2017

1. Product and Company Identification

Product Name:	FIL Trough Tablet
Proper Shipping Name:	Non hazardous
Synonyms:	Copper Sulphate tablet
Recommended Use:	Control of algae in water troughs
Molecular Formula:	<i>Not applicable</i>
Manufacturer:	FIL is a wholly owned subsidiary of GEA Farm Technologies New Zealand Ltd
Address:	72 Portside Drive, Mount 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
Emergency phone No: 24hr	607 749 3931

2. Hazards Identification

Dangerous Goods: *Not applicable*

Hazardous Substance (HSNO):



DANGER

Hazard Statements:

6.3B Toxic substance - skin irritant

H316 Causes mild skin irritation.

6.5B Toxic Substance - Contact sensitiser

H317 May cause an allergic skin reaction.

6.9B Harmful to human target organs or systems

H371 May cause damage to organs

9.1C Harmful in the Aquatic Environment

H412 Harmful to aquatic life with long lasting effects

Prevention statements:

P102 Keep out of reach of children.

P103 Read label before use.

P104 Read safety data sheet before use.

P261 Avoid breathing dust

P264 Wash hands thoroughly after handling.

P270 Do not eat drink or smoke when using this product

P273 Avoid release to the environment.

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.
P314 Get medical advice/attention if you feel unwell
P363 Wash contaminated clothing before reuse.

Storage Statements:

P402 Store in a dry place.

3. Composition/Information on Ingredients

Appearance:	Blue green solid disc	
CAS No:	7733-02-0	Zinc Sulphate 10 - 30%
	7758-98-7	Copper Sulphate 50 - 70%

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:	<i>Not applicable</i>
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:	<i>Not applicable</i>
Engineering Controls:	Use with adequate ventilation, product normally used outside
Personal Protection:	<i>Not applicable</i>

9. Physical and Chemical Properties

Appearance and Odour:	Blue/green solid disc
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 and zinc - harmful in concentrated solutions or in powder 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:	<i>Not applicable</i>

12. Ecotoxicity Information

9.1C Harmful in the Aquatic Environment (Low Hazard)
 Classification based on parent record 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:

6.3B	Toxic Substance - Skin Irritant Low Hazard)
6.5B	Toxic Substance - Contact sensitiser
6.9B	Harmful to human target organs or systems
9.1C	Harmful in the Aquatic Environment (Low Hazard)

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

Certified Handler	<i>Not required</i>
Hazardous Substance Location:	<i>Not required</i>
Compliance Location Certificate:	<i>Not required</i>
Hazardous Atmosphere Zone:	<i>Not required</i>
Emergency Plan:	<i>1000kg</i>
Tracking:	<i>Not required</i>
Warning Sign:	<i>1000kg</i>
Record of application or discharge:	<i>Not required</i>

16. Other Information

Issue Date: 04-Dec-17

Review Date: 4-Dec-22

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>