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Revised by: Calum Gordon - GEA

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## Section 1: SUBSTANCE AND SUPPLIER DETAILS

**Product Name:** FIL RMT Concentrate

**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:** Agricultural use only

**In Case of Emergency Contact:** 0800 CHEMCALL (243 622)

## Section 2: HAZARDS IDENTIFICATION

Not classified as Dangerous Good for Transport.

HSNO CLASSIFICATIONS:

6.3A - Skin corrosion/irritation  
6.4A - Serious eye damage/eye irritation

GHS Classification:

Skin Corrosion/Irritation - Category 2  
Serious Eye Damage/Irritation - Category 2

Hazard Statements:

H315 Causes skin irritation.  
H319 Causes serious eye irritation.

GHS Pictograms:



PREVENTION STATEMENTS:

P102 Keep out of reach of children.  
P103 Read carefully and follow all instructions.

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P264 Wash hands thoroughly after handling.  
 P280 Wear protective gloves/protective clothing including eye/face protection.

#### RESPONSE STATEMENTS:

P101 IF MEDICAL ADVICE IS NEEDED, HAVE PRODUCT CONTAINER OR LABEL AT HAND.  
 P302+P352 IF ON SKIN: WASH WITH PLENTY OF WATER AND SOAP.  
 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.  
 P337+P313 IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION.  
 P362 TAKE OFF CONTAMINATED CLOTHING.

STORAGE  
 Not Allocated

DISPOSAL  
 Not Allocated

### Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Main Component	CAS Number	Proportion
Surfactant		10-30%
Ingredients determined to be non-hazardous or below reporting limits		<10%

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

<b>Workplace Facilities Required:</b>	Eye wash and safety shower facilities should be provided.
<b>If Inhaled:</b>	Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.
<b>In Contact with Skin:</b>	If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a Doctor; or for 15 minutes and transport to Doctor or Hospital.
<b>In Contact with Eye:</b>	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.
<b>If Swallowed:</b>	Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink.

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Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

**Advice to Doctor:** Treat symptomatically.

### Section 5: FIRE FIGHTING MEASURES

**Fire/Explosion Hazard:** Non - Flammable liquid.

**Suitable Extinguishing Media:** If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

**Precautions in Connection with Fire:** NA

**Advice for firefighters:** NA.

### Section 6: ACCIDENTAL RELEASE MEASURES

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

**Suitable Protective Equipment:** Emergency responders should use personal protective equipment, including gloves, protective clothing and safety glasses.

**Spill or Leak Procedures.** Absorb the spill with suitable absorbent material. Use tools to collect into a properly labelled waste container for disposal.

**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.

### Section 7: HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols.

**Storage:** Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.

### 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:

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<b>Engineering Controls:</b>	Eyewash facilities and safety showers should be provided in the work area where there is a risk of exposure to eyes and skin. Natural ventilation should be adequate under normal conditions of use.
<b>Personal Protective Equipment:</b>	Observe good chemical hygiene practice.
<b>Hand protection:</b>	Wear protective gloves that are resistant to the product. Refer to Australian and New Zealand Standard AS/NZS 2161 for protective gloves.
<b>Skin and body protection:</b>	Protective clothing is recommended if handling large quantities. Refer to Australian and New Zealand Standard AS/NZS 4501 for occupational protective clothing.
<b>Eye protection:</b>	Use safety glasses with side shields or chemical goggles to protect eyes. Refer to AS/NZS 1336 for suitable eye and face protection.
<b>Respiratory protection:</b>	NA  Handle in accordance with safe industrial hygiene practices.

**Other information:**

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Colour:	Blue
Odour:	Not available	Odour Threshold:	Not applicable
pH:	7.25	Solubility:	Completely miscible in water
Melting/Freezing Point:	Not available	Boiling Point:	No data available
Flash Point:	No data available	Flammability:	No data available
Upper/Lower Flammability Limits:	No data available	Vapour Pressure:	Not available
Vapour Density:	Not available	Relative Density:	1.03
Partition Coefficient:	Not available	Auto-ignition Temperature:	No data available
Decomposition Temperature:	Not available	Kinematic Viscosity:	No data available

## 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, flames, hot surfaces. Avoid formation of vapours.
<b>Incompatibility:</b>	Oxidising agents.
<b>Hazardous Decomposition:</b>	Oxides of carbon and nitrogen, smoke and other toxic fumes.

## Section 11: TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

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## Acute Exposure

<b>Acute Toxicity:</b>	LD50 oral > 2,000 mg/Kg bw LD50 dermal > 2,000 mg/Kg bw LC <sub>50</sub> inhalation (mist) > 5.0 mg/L LC <sub>50</sub> inhalation (vapours) > 20.0 mg/L
<b>Inhalation:</b>	Inhalation of large quantities of vapour may cause respiratory irritation.
<b>Ingestion:</b>	Ingestion of large quantities may cause damage to thyroid.
<b>Skin Contact:</b>	Contact with skin will result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.
<b>Eye Contact:</b>	Eye irritant.
<b>Sensitiser:</b>	May cause an allergic skin reaction.

## Chronic Exposure:

**Mutagen/Carcinogen/Reproductive Toxicant** This material has been classified as non-hazardous.

**Specific Target Organ Systemic Toxicity:** This material has been classified as non-hazardous.

Toxicity data is based on hazardous ingredient information and information in the EPA Chemical Classification and Identification Database.

## Section 12: ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Classified as non-hazardous. Acute toxicity estimate (based on ingredients): > 100 mg/L.
<b>Persistence/degradability:</b>	Not available.
<b>Bioaccumulation:</b>	Not available
<b>Mobility:</b>	Product is soluble in water.  Ecotoxicity data is based on hazardous ingredient information.

## Section 13: DISPOSAL CONSIDERATIONS

<b>Disposal:</b>	Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls/Personal Protection" of this SDS.  If possible, material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.
<b>Disposal of Packaging:</b>	Dispose of packaging via an approved waste disposal contractor.

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

## Section 14: TRANSPORT INFORMATION

Not classified as a Dangerous Good for transport in accordance with NZS5433:2012, IMDG or IATA.

Ensure transportation methods prevent leakage from packages and collapsing loads.

## Section 15: REGULATORY INFORMATION

<b>HSNO Allocation:</b>	Not applicable	
<b>HSNO Approval Code:</b>	Not applicable	
<b>Classifications:</b>	None	
<b>NZ Inventory of Chemicals</b>	All ingredients are listed or exempt from the NZ Inventory of Chemicals	
<b>This substance triggers:</b>	Compliance Certificate	N/A
	Certified Handler	N/A
	Emergency Response Plan	N/A
	Secondary Containment	N/A
	Signage	N/A
	Fire Extinguishers	N/A

## 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.

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: 12/1/2025

References:

EPA NZ Chemical Classification and Information Database  
 Summary of Abbreviations: EPA – Environmental Protection Authority  
 GHS – Global Harmonisation System

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CAS – Chemical Abstracts Service

**END OF SAFETY DATA SHEET**