

Safety Data Sheet: Foam Fighter®

1. IDENTIFICATION

Product Name:	Foam Fighter®
Other Names:	-
Recommended Use:	Defoamer additive for agricultural chemical sprayers and tanks
NZ Distributor:	Key Industries Ltd
Address:	P.O. Box 65070, Mairangi Bay, Auckland 0754
Telephone:	09 917 1791
Supplier:	MILLER CHEMICAL & FERTILIZER (AUSTRALIA) PTY LTD Address: Level 3 / 141-149 Ifould Street, Adelaide, SA 5000 Tel: +61 08 8132 1644 Fax: +61 8 08 8132
Emergency Phone:	0800 CHEMCALL (0800 243 622) 24 hours
National Poisons Centre:	0800 POISON (0800 764 766)

2. HAZARDS IDENTIFICATION

Non-hazardous substance according to the HSNO Act 1996 Hazardous Substances (Hazard Classification) Notice 2020.

Approval:	Not required
Hazard Classifications:	Not required
Pictograms:	Not required
Signal word:	Not required
Hazard statements:	Not required
Precautionary statements:	Not required
Prevention:	Not required
Response:	Not required
Storage:	Not required
Disposal:	Dispose of product and container in accordance with local regulations.

Other information:

NZS5433:2020 *Transportation of Dangerous Goods on Land*
Classified as non-DG for transport.

3. COMPOSITION: INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Concentration (%w/w)
Dimethylpolysiloxane, silicon dioxide	Trade secret	10
Other ingredients*	Trade secret	Balance

*Do not affect non-hazardous classification of the substance

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4. FIRST AID MEASURES

Consult the National Poisons Information Centre 0800 POISON (0800 764 766) or a doctor in every case of suspected chemical poisoning. Have product label or Safety Data Sheet at hand.

INGESTION: Rinse mouth. Do NOT induce vomiting. Drink plenty of water. Get medical advice if person feels unwell. If vomiting occurs spontaneously, keep head below hips to prevent vomit entering lungs.

SKIN CONTACT: Wash affected area with soap and water. If irritation persists, obtain medical advice. Wash contaminated clothing before reuse.

EYE CONTACT: Flush with running water for at least 15 minutes. Remove contact lenses if present, and easy to do after 5 minutes before continuing rinsing. If irritation persists, obtain medical assistance.

INHALATION: Remove patient to fresh air and keep at rest until recovered. Get medical advice if person is having difficult breathing or feels unwell.

First Aid facilities: Provide eye baths and safety showers close to work areas.

Advice to Doctor: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flashpoint: Non-flammable.

Suitable extinguishing media: Carbon dioxide, dry chemical or foam and as appropriate to surrounding materials. Do NOT use water as a jet.

Hazards from combustion products: May generate toxic/harmful fumes/smoke.

Precautions for fire fighters and special protective equipment: Self-contained breathing apparatus with full face-piece and protective clothing.

Hazchem Code: Not applicable.

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions: Wear appropriate personal protection equipment, e.g. gloves and safety glasses, to prevent contact with skin and eyes. Keep unauthorized people away from spill.

Environmental Precautions: Contain spillage and prevent from entering drains, sewer or any water course. In the event of a spillage contaminating a watercourse, notify the Police, local Health Protection Officer and Council.

Methods and materials for containment: Contain or absorb any liquid spill with earth, clay, sand, sawdust, vermiculate or similar absorbent material. Collect into labelled containers that can be sealed for disposal to landfill. Wash down area with minimal water.

It may be necessary to remove contaminated soil. If acidity (low pH) is a problem, neutralize with hydrated lime, soda ash, or sodium bicarbonate. If alkalinity (high pH) is a problem, neutralize with dilute acetic acid or dilute hydrochloric (muriatic) acid.

7. HANDLING AND STORAGE

Precautions for Safe Handling:

Read and observe all precautions and instructions on the label. Wear impervious gloves. Wash hands and exposed skin after handling. Wash contaminated clothing and safety equipment before re-use.

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Conditions for Safe Storage:

Keep out of reach of children. Keep containers closed when not in use.
Provide adequate ventilation when container is open. Keep in a dry, cool and well-ventilated place.
Store at temperature between 5 °C and 40 °.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Health Exposure Standards: Workplace Exposure Standards (WES), have not been set by Worksafe (ed. 13, April 2022) for compounds in this substance.

Biological limit values: None established.

Engineering Controls:

Ventilation: Use outdoors or in a well-ventilated area.

Personal Protective Equipment:

Respiratory Protection: Respiratory protection should not be necessary under normal use conditions.

Eye Protection: Wear safety goggles or glasses with side shields.

Skin/ Body Protection: Wear impervious gloves, e.g. rubber, PVC.

The following Standards provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: **AS/NZS 4501**, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Creamy white liquid
Odour	Moderate
Odour threshold	Not determined
pH	3.5 – 4.0 @ 20°C
Melting/Freezing point °C	Not determined
Boiling Point/Range °C	Not determined
Flash Point °C	Non flammable
Flammability (solid, gas)	Not applicable
Upper/lower flammability/explosive limits	Not known
Vapour Pressure mm Hg @ 20°C	Not determined
Vapour Density Pa @ 25°C	Not determined
Specific gravity	0.95 – 1.05 @ 20°C
Solubilities	Dispersible in water
Partition coefficient: n-octanol/water	Not determined
Autoignition Temperature °C	Not determined
Decomposition Temperature °C	Not determined
Kinematic viscosity	Not applicable
Particle characteristics	Not applicable
Percent volatile	Not determined

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10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal storage and use conditions as specified on product label.

Conditions to avoid: Store at temperature < 5 °C or > 40 °. Contact with strong oxidising agents.

Hazardous decomposition products: Carbon oxides.

Hazardous reactions: Not known to occur.

11. TOXICOLOGICAL INFORMATION

Toxicity classifications determined by assessment of the ingredients or of the formulated mixture.

Acute toxicity: Not classified as being acutely toxic by oral, dermal or inhalation exposure.

Aspiration hazard: Not classified as an aspiration hazard.

Respiratory irritation: Not classified as respiratory irritant. Spray/mist may be cause irritation to upper respiratory tract.

Skin corrosion/irritation: Not classified. May cause mild irritation.

Serious eye damage/irritation: Not classified. May cause slight irritation.

Respiratory or skin sensitization: Not classified. No data available.

Germ cell mutagenicity: Not classified. No data available.

Carcinogenicity: Not classified. No data available.

Reproductive toxicity: Not classified. No data available.

Specific organ toxicity: Not classified. No data available.

Narcotic effects: Not classified. No data available.

Toxicological Information: Not available.

12. ECOLOGICAL INFORMATION

Ecotoxicity: This product is not classified. Large spills could possibly damage vegetation. Contamination of waterways could possibly cause fish kills.

Persistence and degradability: No specific information on product is available.

Potential to be bioaccumulative: No specific information available.

Mobility in soil: No specific information available.

Other adverse effects: No information available.

Ecotoxicological Information: Not available.

Environmental Exposure Limits (EEL's): Not set.

13. DISPOSAL CONSIDERATIONS

Disposal Methods: Product residue may remain in empty containers. Use container rinsings as make up water for preparation of the agricultural spray that the defoamer is being added too. Ensure container is empty before disposal of water rinsed container to an approved recycling site or to landfill.

Waste should be disposed of to an approved waste disposal facility or by burying at an approved site.

Ensure disposal of containers and product is in compliance with requirements of national and local authorities.

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14. TRANSPORT INFORMATION

Road and Rail Transport		Marine Transport		Air Transport	
UN No.		UN No.		UN No.	
Proper Shipping Name		Proper Shipping Name		Proper Shipping Name	
DG Class		DG Class		DG Class	
Sub. Risk		Sub. Risk		Sub. Risk	
Pack Group		Pack Group		Pack Group	
Hazchem		Hazchem			

Marine Pollutant: -

Dangerous Goods Segregation

This product is classified as a non-Dangerous Good Class for Transport.

Please consult the Land Transport Rule: Dangerous Goods 2005, and NZS 5433:2020 Transport of Dangerous Goods on Land for information.

15. REGULATORY INFORMATION

HSNO Act 1996

Approval Code: Not required (non-hazardous)

Classifications: Not required

Controls: Refer to www.epa.govt.nz for information on Controls and

Additional label statement requirements:

Not required.

ACVM Act 1997

Registration Number: Not required (exempt product)

Refer to www.foodsafety.govt.nz for Conditions of Registration.

16. OTHER INFORMATION

Date of issue: 26th January 2023

Reasons for Issue: Review of SDS information and product classifications.

Replaces: -

Abbreviations:

ACVM	Agricultural Compounds and Veterinary Medicines
ECHA	European Chemical Agency
EPA	New Zealand Environmental Protection Authority
GHS	Global Harmonised System
HSIS	Hazardous Substance Information System
HSNO	Hazardous Substances and New Organisms
NZIoC	New Zealand Inventory of Chemicals

EMERGENCY PHONE: 0800 CHEMCALL (0800 243 622) 24 hours

Date of Issue: 26th January, 2023

Date of Revision: January, 2028

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STEL Short Term Exposure Limit (15 minute exposure period)
TWA Time-Weighted Average (8 hours exposure period)
WES Workplace Exposure Standard

References:

EPA www.epa.govt.nz
Supplier information and SDS dated 22 February 2022.
Worksafe NZ www.worksafe.govt.nz

Other:

Foam Fighter® is a trade name of Miller Chemical and Fertiliser, A Huber Company.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the supplier's knowledge. 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. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact Key Industries Limited.