

Safety Data Sheet: FOAM FIGHTER

1. IDENTIFICATION

Product Name:	FOAM FIGHTER
Other Names:	-
Recommended Use:	Defoamer additive for agricultural chemical sprayers and tanks
Distributor:	Key Industries Ltd
Address:	P.O. Box 65070, Mairangi Bay, Auckland 0754
	Telephone: 09 917 1791
Emergency Phone:	027 494 1659
National Poisons Centre:	0800 POISON (0800 764 766)
International Company Name & Contact Details:	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

2. HAZARDS IDENTIFICATION

Hazardous substance according to the HSNO Act 1996 Hazardous Substances (Classification) Notice 2017.

Approval: HSR002503; Additives, Process Chemicals and Raw Materials (Subsidiary Hazard) Group Standard 2017.

Hazard Classifications: 9.4A

Pictograms:



Signal word: WARNING

Hazard statements: H441 Very toxic to terrestrial invertebrates.

Precautionary statements:

Prevention: P103 Read label before use.
P273 Avoid release to the environment.
Response: P391 Collect spillage.

Storage: -

Disposal: P501 Dispose of product and container in accordance with local regulations.

Other information:

Hazardous Substance (Labelling) Notice 2017

Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

Do not apply substance to plants if-

- (i) Bees are foraging; or
- (ii) The plants are in flower or part flower, and are likely to be visited by non-target invertebrate pollinators (including bees).

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NZS5433 Transportation of Dangerous Goods on Land

Not classified for transport.

3. COMPOSITION: INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Concentration (%w/w)
Polydimethylsiloxane	63148-62-9	5 - 30
Other non-hazardous materials	mixture	balance

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. Give a glass of water to drink. Get medical advice if person feels unwell.

If vomiting occurs spontaneously, keep head below hips to prevent vomit entering lungs.

SKIN CONTACT: Wash with soap and water. If irritation occurs, obtain medical advice.

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 develops, obtain medical assistance.

INHALATION: Remove patient to fresh air and keep at rest until recovered. Get medical advice if person 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: Water fog, fine water spray, carbon dioxide, dry chemical, foam.

Hazards from combustion products: Generates carbon dioxide, carbon monoxide and smoke.

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

Hazchem Code: Not applicable.

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions:

Wear appropriate personal protection equipment to prevent exposure by inhalation, and to skin and eyes. Ensure adequate ventilation. Wear approved respirator where mist or dust of unknown concentration may be generated. Self-contained breathing apparatus is recommended.

Environmental Precautions:

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

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Methods and materials for containment

Dyke and contain spillage with sand, earth, sawdust or vermiculite and transfer liquid and solids separately to labelled containers for recovery or disposal. Clean up and report spills immediately.

7. HANDLING AND STORAGE

Precautions for Safe Handling:

Wear gloves, eye protection, overalls and boots.

Changing out of work clothing and showering recommended at the end of each work shift. Wash work clothes separately from other household clothing.

Do not contaminate water, feed, or food by storage, handling, or disposal.

Read and observe all precautions and instructions on the label.

Conditions for Safe Storage:

Store containers upright and closed in original container. Store in a cool, dry place away from direct sunlight and in well-ventilated areas.

Keep away from sources of ignition, heat and strong oxidizers. Store apart from animal and human foodstuffs.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Health Exposure Standards: Workplace Exposure Standards (WES), have not been set by Worksafe 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 may be necessary under certain use conditions. Under such conditions, an approved respirator or disposable face mask according to local standards, must be worn.

Eye Protection: Wear safety goggles or face shield.

Skin/ Body Protection: Wear gloves (rubber, neoprene, nitrile or equivalent), waterproof boots, protective clothing, e.g. overalls with long sleeves buttoned at neck and wrist, long pants).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White creamy liquid
Odour	Moderate
Odour threshold	Not determined
pH	3.5 to 4.0 @ 20°C
Melting/Freezing point °C	Not determined
Boiling Point/Range °C	Not determined
Flash Point °C	> 100 °C
Flammability (solid, gas)	Not applicable
Upper/lower flammability/explosive limits	Not known
Vapour Pressure mm Hg @ 20°C	Not determined

EMERGENCY PHONE: KEY INDUSTRIES LTD (Frank Visser, Managing Director): 0274 941 659

Date of Issue: 16th October 2018

Date of Revision: October 2023

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Vapour Density Pa @ 25°C	Not determined
Relative density	0.95 – 1.05 g/ml @ 20°C
Solubilities	Disperses in water
Partition coefficient: n-octanol/water	Not determined
Autoignition Temperature °C	Not determined
Decomposition Temperature °C	Not determined
Kinematic viscosity	Not determined

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions.

Conditions to avoid: Contact with oxidizing agents.

Hazardous decomposition products: At high temperatures may release oxides of carbon.

Hazardous reactions: None known.

11. TOXICOLOGICAL INFORMATION

Toxicity classifications determined by assessment of the components in the formulated mixture.

Acute toxicity: Not classified.

Aspiration hazard: Not classified as an aspiration hazard.

Respiratory irritation: Not classified as respiratory irritant.

Skin corrosion/irritation: May be slightly irritating to skin.

Serious eye damage/irritation: May be slightly irritating to eyes.

Respiratory or skin sensitization: Not classified for sensitisation.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Not classified.

Reproductive toxicity: Not classified.

Specific organ toxicity: Not classified.

Narcotic effects: Not classified.

Toxicological Information:

Not available.

12. ECOLOGICAL INFORMATION

Ecotoxicity: This mixture is classified as toxic to terrestrial invertebrates.

Persistence and degradability: No specific information available.

Potential to be bioaccumulative: No specific information available for mixture.

Mobility in soil: Disperses in water.

Other adverse effects: No information available

Ecotoxicological Information:

Polydimethylsiloxane Flour beetle , acute LD₅₀ 145 µg/mg

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

13. DISPOSAL CONSIDERATIONS

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Disposal Methods: Ensure container is empty before disposal to landfill. Triple rinse with water. Use rinsings in preparing the diluted solution.

Waste should be disposed of to an approved waste disposal facility or by burying at an approved site. Do not burn product or containers.

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

14. TRANSPORT INFORMATION

Road and Rail Transport		Marine Transport		Air Transport	
UN No.	Not regulated	UN No.	Not regulated	UN No.	Not regulated
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: No.

Dangerous Goods Segregation:

This product is not classified as a Dangerous Good Class for Transport.

Please consult the Land Transport Rule: Dangerous Goods 2005, and NZS 5433:2012 Transport of Dangerous Goods on Land for information.

15. REGULATORY INFORMATION

HSNO Act 1996

Approval Code:

HSR002503

Additives, Process Chemicals and Raw Materials
(Subsidiary Hazard) Group Standard 2017.

Classifications:

9.4A

Controls:

Refer to www.epa.govt.nz for information on Controls and
www.worksafe.govt.nz for further information on compliance.

Additional label statement requirements:

Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

Do not apply substance to plants if-

- (i) Bees are foraging; or
- (ii) The plants are in flower or part flower, and are likely to be visited by non-target invertebrate pollinators (including bees).

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ACVM Act 1997

Registration Number: Not required (exempt product).

16. OTHER INFORMATION

Date of issue: 16 October 2018

Reasons for Issue: Update SDS format and content to comply with change in regulations.

Replaces:

Abbreviations:

ACVM	Agricultural Compounds and Veterinary Medicines
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
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
Worksafe NZ www.worksafe.govt.nz

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.