MATERIAL SAFETY DATA SHEET

Section 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **Foam Fighter**
a defoaming agent

Company:	**MILLER CHEMICAL & FERTILIZER (AUSTRALIA) PTY LTD.**
Address:	Level 3 / 141-149 Ifould Street, Adelaide, SA 5000
ACN/ABN:	086 969 628
Telephone Number:	08 8290 9300 **Fax Number:** 08 8290 9350
Full Product Name:	Foam Fighter a defoaming agent
Other Names:	Miller Foam Fighter.
Use:	Foam Fighter is designed to reduce foam in agricultural chemical sprayers and also in dip tanks.
DISTRIBUTED BY:	Agspec Australia Pty Ltd
Address:	Lot 1 Wandilo Road, Mt Gambier, SA 5291
ACN/ABN:	40 109 573 953
Telephone Number:	0427 490 551 **Fax Number:** 08 8125 6555
Emergency Contact:	0457 773 363

Section 2. HAZARDS IDENTIFICATION

Not classified as hazardous according to criteria of ASCC.
Not classified as a Dangerous Good according to the ADG Code

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients*:

CHEMICAL	***PROPORTION***
Dimethylsiloxane	5-30%
Other ingredients determined not to be hazardous	Balance

* The formulation of this product is proprietary information

Section 4. FIRST AID MEASURES

FIRST AID

Ingestion: Rinse mouth with water. Give plenty of water to drink. Seek medical attentions if effects persist.

Eye contact: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor if irritation occurs and persists.

Skin contact: If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water.

Section 4. FIRST AID MEASURES (Continued)

Inhalation: Remove to fresh air.

Advice to Doctor: Treat symptomatically.

Section 5. FIRE FIGHTING MEASURES

Extinguishing media: This product is not readily combustible. Extinguish fire using media suitable for surrounding materials.
Hazards from combustion products: Once water ingredient has evaporated, product will burn and can emit toxic fumes.
Precautions for fire-fighters and special protective equipment: Isolate fire area. Evacuate downwind residents. Wear full protective clothing and self contained breathing apparatus. Do not breathe smoke or vapours generated.

Section 6. ACCIDENTAL RELEASE MEASURES

Emergence procedures / Material and methods for containment and cleanup procedures: Will cause area to be slippery. For good hygiene practices, wear protective equipment to prevent skin contamination. In the case of spillage, contain and absorb spilled material with absorbent material such as sand, clay or cat litter and dispose of waste as indicated in section 13. If area is still slippery , re wash using water only.

Section 7. HANDLING AND STORAGE

Precautions for safe handling: Wash hands after use.

Conditions for safe storage: Keep from freezing. Store in the closed, original container in a well ventilated area. Do not store for prolonged periods in direct sunlight. Do not re-use container for any purpose. Not classified as a Dangerous Good. This product is a not a schedule poison.

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:
No exposure limits have been established for this product by ASCC.

Biological Limit Values:
No biological limit allocated.

Engineering controls:
Use in ventilated areas. Keep containers closed when not in use. No special engineering controls are required for normal use.

Personal Protective equipment (PPE):
Skin: Use normal hygiene practises when opening the container and using the product, by wearing cotton overalls and rubber gloves. Wash before smoking, eating or using toilet facilities. Wash hands after use.
Respiratory Protection: Generally not required.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White milky liquid.
Odour:	Mild odour.
Boiling point:	No data available.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES (Continued)

Freezing point:	No data available.
Specific Gravity:	1.0 at 20°C.
Solubility in Water:	Soluble in water.
Flammability:	Not flammable.
Corrosive hazard:	Not corrosive.
Flashpoint (°C):	Not applicable.
Flammability Limits (%):	Not established.
Poisons Schedule:	Not a scheduled poison.

Section 10. STABILITY AND REACTIVITY

Chemical Stability: Product is considered stable.

Conditions to avoid: Avoid exposure to freezing.

Incompatible materials: Can react with strong oxidising agents.

Hazardous Decomposition Products: If involved in a fire, it may emit fumes containing toxic compounds once the water has evaporated.

Hazardous Reactions: No special considerations.

Section 11. TOXICOLOGICAL INFORMATION

Potential Health Effects:

ACUTE EFFECTS

Swallowed:	Low toxicity. Acute oral LD_{50} > 2,000 mg/kg. If swallowed, my cause irritation to mouth, throat and stomach. May cause nausea and diarrhoea.
Eye:	Not irritating.
Skin:	Low toxicity. Generally not irritating, may cause mild irritation in sensitive people.
Inhaled:	Low toxicity.

Long Term Exposure: No adverse effects are known.

Section 12. ECOLOGICAL INFORMATION

Environmental Toxicology: (Poly dimethylsiloxane) Fish: Rainbow trout: LC_{50} > 10000 mg/L (96 Hr). Unspecified Fish: Bluegill/Sunfish: LC_{50} > 10000 mg/L (96 Hr), static bioassay.

Environmental Fate: Poly dimethylsiloxane, with lower molecular weights, exist in the atmosphere in the vapour and particulate phases. Those with higher molecular weights exist solely in the particulate phase. Particulate phase poly(dimethylsiloxane) will be removed from the atmosphere by dry deposition while vapour phase poly(dimethylsiloxane) will be degraded by the reaction with photochemically-produced hydroxyl radicals with a half-life of 32 hours. Based on the K_{oc} values, this substance will be immobile in soil and is expected to adsorb to particulates and organic matter in the water column. Rapid and extensive degradation is expected on dry surface soils. Some microbial degradation of small compounds is likely. High molecular weight poly(dimethylsiloxane) may bioconcentrate in aquatic organisms.

Section 13. DISPOSAL CONSIDERATIONS

Spills and Disposal: Persons involved in cleanup should use normal hygiene practises when cleaning up spills - see section 8. In case of spillage, contain and absorb spilled material with absorbent material such as clay, sand or cat litter and dispose of waste as indicated below. Keep material out of streams and sewers. Vacuum, shovel or pump waste into an approved drum. Dispose of drummed wastes, including decontamination solution in accordance with the requirements of Local or State Waste Management Authorities.

Disposal of empty containers: Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit.

Section 14. TRANSPORT INFORMATION

This product is not classified as a Dangerous Good.

Section 15. REGULATORY INFORMATION

Under the Standard for Uniform Scheduling of Drugs and Poisons (SUSDP), this product is not a scheduled poison.
This product is not required to be registered under the Agricultural and Veterinary Chemicals Code Act 1994.
This product is not classified as a Hazardous Substance under the criteria of NOHSC Australia.
This product is not classified as a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road and Rail.
Foam Fighter is a registered trademark of Miller Chemical & Fertilizer Corporation - USA.

Section 16. OTHER INFORMATION

Issue Date: 8 April 2010. (Revised with new address and telephone details).

Key to abbreviations and acronyms used in this MSDS:

ADG Code = Australian Dangerous Goods Code (for the transport of dangerous goods by Road and Rail).
ASCC = Australian Safety & Compensation Council (formally known as the National Occupational Health & Safety Commission (NOHSC)).
NOHSC = National Occupational Health and Safety Commission.
PPE = Personal protective equipment.

References

1. "Search Hazardous Substances". Australian Safety and Compensation Council website. (2008).
2. "Approved Criteria for Classifying Hazardous Substances" 3rd Ed. NOHSC Australia. [NOHSC:1008 (2004)]. October 2004.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. End MSDS.