



SAFETY DATA SHEET

FoamMaster®

Date of Issue: 10th April 2019

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Chemical name of active ingredient(s): Polymethylsiloxane

Recommended use: Defoaming agent

Supplier: Etec Crop Solutions Ltd
45 Kitchener Rd
Pukekohe
Phone 0800 100 325

Emergency telephone number: 0800 Poison (0800 764 766) 24 Hours

2. HAZARDS IDENTIFICATION

Hazard Classification: 6.3B, 6.4A, 9.1C

Required identification Details: **Harmful:**
Causes mild skin irritation.
Causes serious eye irritation.
Ecotoxic:
Harmful to aquatic life with long lasting effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation Information on hazardous ingredients

Common name	CAS No	%
Hazardous:		
Glycerine	56-81-5	5-10%
Non-hazardous:		
Siloxane Polyalkylenoxide	Trade secret	1-5%
Copolymer Polyalkylenoxide	Trade secret	10-30%
Silica filled, Silicone Oil	Trade secret	10-30%
Water	7732-18-5	60-90%

4. FIRST-AID MEASURES

Description of necessary first aid measures: Read Label before use.

Effects and symptoms

First-aid measures

Inhalation:

Treat symptomatically

Ingestion:

Do not induce vomiting. If victim is conscious, give 2 glasses of water. Do not give anything by mouth to an unconscious person.

Skin contact:

Wash off with soap and water. If skin irritation occurs: Get medical advice/ attention

Eye contact:

Remove contact lenses, if present and easy to do. Rinse Cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention

Notes to a physician:

Treatment is symptomatic and supportive.

5. FIRE-FIGHTING MEASURES

HAZCHEM Code:

2W

Extinguishing media :

All standard extinguishing agents are suitable.

Hazardous thermal (de)composition products:

After evaporation of water, residue can burn to produce: oxides of carbon, oxides of silicon, formaldehyde. Carbon monoxide is highly toxic if inhaled; carbon dioxide in sufficient quantities can act as an asphyxiant. Acute over-exposure to the products of combustion may result to irritation of the respiratory tract. This product contains methylpolysiloxanes which can generate formaldehyde at approx 300°F (150°C) and above, in atmospheres that contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant and potential cancer hazard.

Protection of fire-fighters:

Fire fighters must wear NIOSH/MSHA approved positive pressure self contained breathing apparatus with full face mask and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Wear protective equipment; chemical proof gloves, eye protection and full length clothing.

Environmental precautions:

Prevent entry of product/run-off into drains and waterways.

Methods for cleaning up:

Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear protective equipment as specified in protective equipment section.

7. HANDLING AND STORAGE

Handling:

Avoid contact with eyes. Keep out of the reach of children. Do not freeze. Stir well before using.

May generate formaldehyde at temperature greater than 300°F (150°C). See section 10 MSDS for details.

Storage: Store in original container, tightly closed. Recommended storage between 35°F (2°C) and 80°F (26°C).

Packaging materials:

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace Exposure Guidelines

Workplace exposure standards: NA

**Exposure Standards outside:
The workplace:** NA

Engineering measures

Hierarchy of controls:
Exposure control measures: Eyewash stations; showers; ventilation and other of forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

Personal Protective Equipment

Detail specifications for equipment:

Respiratory system: Respiratory protection should be worn if a large spill occurs. Respiratory protection must be provided in accordance with OSHA regulations.

Skin and body: Wear suitable protective clothing and eye/face protection.

Hands: Impermeable or chemical resistant gloves.

Eyes: Safety glasses with side shields.

General hygiene: Wash thoroughly after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Colour: Opaque
Odour: Faint
pH: No data available
Relative Density (AIR=1): >1
Vapour Pressure(20°C; MM HG): >20
Solubility in water: 20°C
Boiling point: >100°C; >211°F (estimated)
Freezing/Melting Point: 0°C; 32°C (approximately)
Specific gravity or density (WATER=1) 1.03
Auto – ignition Temperature:
Octanol/water partition coefficient:
Explosion properties:
Oxidation properties:

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	None known
Materials to avoid:	None currently known
Hazardous decomposition Products:	After evaporation of water, residue can burn to produce: Oxides of carbon, oxides of silicon, formaldehyde. Carbon monoxide is highly toxic if inhaled; carbon dioxide in sufficient quantities can act as an asphyxiant. Acute overexposure to the products of combustion may result in irritation of the respiratory tract. This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300°F (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard.
Hazardous polymerization:	Will not occur.
Specific Data:	
Hazardous reactions :	

11. TOXICOLOGICAL INFORMATION

Acute toxicity - Oral	No data available
Acute toxicity - Dermal	No data available
Acute toxicity - Inhalation	No data available
Skin irritation:	No data available
Eye irritation:	No data available
Sensitization:	No data available
Mutagenicity:	No data available
Other Information:	No adverse effects anticipated from available information

12. ECOLOGICAL INFORMATION

	Not an environmental Toxin
Ecotoxicity:	No data available
Bioaccumulative potential:	No data available

13. DISPOSAL CONSIDERATIONS

Methods of disposal :	Disposal should be made in accordance with federal, state and local regulations.
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14. TRANSPORT INFORMATION

International transport regulations:	This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous.
UN number:	This product is NOT classified as a Dangerous Good for

Class or Division:
Packing Group:
Marine Pollutant:
Proper shipping name :

**INTERNATIONAL AIR TRANSPORT
ASSOCIATION (IATA):**

15. REGULATORY INFORMATION

ACVM Registered Number: Not an Agricultural Compound
HSNO Approval Code: Additives, Process Chemicals and Raw Materials
(subsidiary) – HSR002503

16. OTHER INFORMATION

Additional information: **Original Issue Date:** 18th September 2013
Revision Date: 10th April 2019
Replaces: ES356

DISCLAIMER

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TRADEMARKS

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