



SAFETY DATA SHEET

FOAMMASTER[®] Defoamer

Date of Issue: 16 December 2021

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Chemical name of active ingredient(s): Polymethylsiloxane
Recommended use: Defoaming agent
Supplier: UPL New Zealand Limited
PO Box 51584, Pakuranga
Auckland
Phone 0800 100 325
www.upl-ltd.com/nz

Emergency telephone number: 0800 CHEM CALL (0800 243 622) 24 Hours

2. HAZARDS IDENTIFICATION

Hazard Classification: 6.4A, 9.1C
Required identification Details: **WARNING:**
Keep out of the reach of children.
Read label carefully before use.

Keep out of the reach of children.
Wear rubber or impervious gloves and goggles when mixing or working with concentrate.
Wash thoroughly with soap and water after work and before eating and smoking.
Do not wear contaminated clothing.

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:

General information:

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
First Aid Facilities:
Notes to a physician: Treatment is symptomatic and supportive.

5. FIRE-FIGHTING MEASURES

HAZCHEM Code: 2W
Fire/Explosion Hazard:
ERP Guide No:
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.
Specific methods:
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.

Other Information:

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.
Safe Storage: Store in original container, tightly closed. Recommended storage between 35°F (2°C) and 80°F (26°C)
Record Keeping:
Approved Handler:
Tracking:
Packaging materials:

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace Exposure Guidelines

Tolerable Exposure limit:
Exposure Standards: NA
Exposure Standards outside the workplace: NA

Engineering measures

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: Colour, Odour. Opaque liquid. Faint odour.
pH: No data available
Vapour Pressure: >20
Boiling Point: >100°C; >211°F (estimated)
Flash Point:
Freezing/Melting point: 0°C; 32°C (approximately)
Solubility in water: 20°C
Specific gravity or density (WATER=1): 1.03
Relative Density (AIR=1): >1
Flammable limits:

Octanol/water partition coefficient:
Explosive Properties:
Oxidation Properties:
Other:

10. STABILITY AND REACTIVITY

Stability: Stable
Conditions to avoid: None known
Materials to avoid: None currently known
Hazardous Decomposition: After evaporation of water, residue can burn to produce:
Products: 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.
Hazardous Reactions:

11. TOXICOLOGICAL INFORMATION

Acute toxicity – Oral: No data available

Acute toxicity - Dermal:	No data available
Acute toxicity – Inhalation:	No data available
Inhalation and Ingestion:	
Skin irritation:	No data available
Eye irritation:	No data available
Respiratory Sensitization:	
Sensitization:	No data available
Mutagenic Effects:	No data available
Carcinogenic Effects:	No adverse effects anticipated from available information.

Chronic toxicity


Repeat ingestion may cause damage to liver, kidneys, thyroid male and female reproductive system and blood forming system.

Reproductive Effects:
Mutagenicity:
Carcinogenicity:
Systemic Effects:
Other Information:

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Not an environmental Toxin No data available
Fish:	
Daphnia:	
Bees:	
Birds:	
Soil:	
Bioaccumulative potential: E.E.L and T.E.L.	No data available

13. DISPOSAL CONSIDERATIONS

Methods of disposal:	Ensure unwanted product is used by another operator strictly in accordance with label directions. Triple rinse container and add to spray tank and offer the container for recycling through the Agrecovery programme. otherwise crush and bury in an approved landfill.
	
Empty container precautions:	Do not contaminate bodies of water with chemical or empty container.

14. TRANSPORT INFORMATION - International transport regulations

UN number:	This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2012.
Hazchem	
Classification Code:	
Packing Group:	
Marine Pollutant:	
Proper shipping name:	Not a Dangerous Good
International transport regulations:	This product is not regarded as a dangerous good, according to the national and international regulations on the transport of dangerous goods.
MTQ (non-Commercial):	
Passenger Service Vehicle:	

15. REGULATORY INFORMATION

ACVM Registered Number:
HSNO Approval Code:

Not an Agricultural Compound.
Additives, Process Chemicals and Raw Materials
(subsidiary) – **HSR002503**

16. OTHER INFORMATION

Additional information:

Original Issue Date: 18th September 2013

Revision Date: 16 December 2021

Replaces: ES518

Disclaimer EXCLUSION OF LIABILITY: PLEASE READ

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