

MATERIAL SAFETY DATA SHEET - FOAMBREAKER

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1. PRODUCT NAME / DESCRIPTION:

FOAMBREAKER ANTIFOAM EMULSION

Code: AFB001/AFB002

Physical Form: Liquid
Color: White
Odor: Odorless

Composition / information on ingredients:

Aqueous emulsion of polydimethylsiloxane.

CAS no.: 9005-00-9.

2. HAZARDS IDENTIFICATION:

Not regarded as a health or environmental hazard under current legislation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Not regarded as a health or environmental hazard under current legislation.

4. FIRST AID MEASURES:

Eye: If irritation occurs, flush eye(s) with lukewarm gently flowing water for 5 minutes. Obtain medical attention.

Skin: No health effects expected. If irritation does occur flush with lukewarm, gently flowing water for 5 minutes. If irritation persists, obtain medical advice.

Inhalation: If symptoms are experienced remove source of contamination or move victim to fresh air. If irritation persists, obtain medical advice.

Oral: If irritation or discomfort occur, obtain medical advice.

5. Fire fighting measures:

Flash Point: > 212 °F / > 100 °C (Closed Cup)

Extinguishing Media: On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO₂), dry chemical or water spray. Water can be used to cool fire exposed containers.

Fire Fighting Measures: Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals

Unusual Fire Hazards: None.

6. Accidental release measures:

Containment/Clean up: For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbant. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard..

7. Handling & storage:

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. provide good ventilation. Avoid inhalation of vapours and spray mists.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place. Store away from oxidizing materials.

8. Exposure controls / personal protection:

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate ventilation. Observe occupational exposure limits and minimise the risk of inhalation of vapours.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

EYE PROTECTION

If risk of splashing, wear safety goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA. Wash at the end of each work shift and before eating, smoking, or using the toilet. Wash promptly if skin becomes wet or contaminated.

9. Physical & chemical properties:

Physical Form:	Liquid
Color:	White
Odor:	Odourless
Specific Gravity @ 25°C:	1.00
Viscosity:	2500 cSt
Boiling Point:	100 °C
pH:	Not determined.
Flash Point:	> 212 °F / > 100 °C (Closed Cup)

10. Stability & reactivity:

Chemical Stability:	Stable.
Hazardous Polymerization:	Hazardous polymerization will not occur.
Conditions to Avoid:	None.
Materials to Avoid:	Oxidizing material can cause a reaction.

Hazardous Decomposition Products

Thermal breakdown of this product during fire may evolve the following decomposition products: Carbon monoxide (CO), carbon dioxide (CO₂), Silica.

11. Toxicological information:

INHALATION

In high concentrations, vapours may irritate throat and respiratory system and cause coughing.

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

Liquid may irritate skin.

EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

12. Ecological information:**ECOTOXICITY**

Not regarded as dangerous for the environment.

MOBILITY

The product is miscible with water. May spread in water systems.

BIOACCUMULATION

Does not bio-accumulate.

DEGRADABILITY

Product is biodegradable

13. Disposal considerations:**General information**

Do not puncture or incinerate even when empty.

Disposal methods

Dispose of waste and residues in accordance with local authority requirements.

14. Transport information:**Road Transport**

Not regulated for road transport.

Rail Transport

Not regulated for rail transport.

Ocean Shipment (IMDG)

Not regulated for ocean transport.

Air Shipment (IATA)

Not regulated for air transport.

15. Regulatory information:**RISK PHRASES**

NC Not classified

SAFETY PHRASES

S23 Do not breathe vapour / spray.

S51 Use only in well ventilated areas.

EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC

16. Other information:

Usual application of product: Foam control.

Legal disclaimer: The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.