

SAFETY DATA SHEET

Product Name: Antifoam

1. Chemical product and company identification

Product name	Antifoam
Chemical name	Polydimethyl siloxane
Product type and use	Swimming pools
Company identification	Swimmingpoolchemicals
Address and telephone number	Unit 5, Pool Bank Park High Street, Tarvin, Chester CH3 8JH
Emergency telephone number	01829 740290

2. Composition/Information on ingredients

Chemical Name	CAS No	Content %	Symbol	R-phrases(s)
Polydimethyl siloxane				

3. Hazards identification This product is not hazardous according to EC criteria.

4. First-aid measures

Inhalation	Under normal conditions of use no acute inhalation hazard is anticipated.
Skin contact	Remove contaminated clothing. Wash thoroughly with soap and water.
Contact with eyes	Rinse thoroughly with water. If irritation persists seek medical advice.
Ingestion	Do not induce vomiting. Drink milk. If a significant quantity has been ingested, seek medical attention.

5. Fire-fighting measures

Suitable extinguishing media	Carbon dioxide, foam, dry chemical powder, water spray.
Specific hazards during fire fighting	In fire this product will release oxides of carbon.
Special protective equipment	Respiration and eye protection.
Additional advice	Cool tanks and containers exposed to fire with water. Cover spills, which are not burning, with foam or sand.

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6. Accidental release measures	Shut off source of spill if possible. Prevent liquid entering a sewer or water course. Absorb spilled liquid with sand or earth. Transfer to suitable clearly marked containers for disposal in accordance with national and local regulations.
7. Handling and Storage	
Safe Handling advice:	Handling in accordance with good industrial hygiene practices. Avoid contact with eyes and skin. Wash hands thoroughly after contact.
Storage	Store between 5°C and 30°C. Extremes of temperature may adversely affect the viscosity and stability of this product.
8. Exposure controls/Personal Protection	
Personal protection	Wear Nitrile rubber gloves and safety glasses, goggles or a visor to protect the eyes. Contaminated clothing should be changed as soon as reasonably practicable. Wash underlying skin with soap and water. Respiratory protection is unnecessary providing the concentration of mists and fumes are adequately controlled.
9. Physical and chemical properties	
Appearance	White emulsion
Odour	Mild, characteristic
SF	1.0 @ 20°C
Boiling Point	100°C
Flash Point	n.a.
Autoflammability	n.a.
Explosive properties	n.a.
Oxidising properties	n.a.
Solubility in water	Readily dispersible
Viscosity	50 cPs @ 20°C
10. Stability and Reactivity	
Hazardous reactions	None
Materials to avoid	Strong oxidising agents
Thermal decomposition products	Oxides of carbon

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11. Toxicological information

Eyes	Unlikely to cause more than transient stinging or redness if accidental eye contact occurs.
Skin	Unlikely to cause harm to the skin on brief or occasional contact.
Inhalation	At normal ambient temperatures this product will be unlikely to present an inhalation hazard.
Ingestion	This product has a low systemic toxicity.

12. Ecological Information

Ecotoxicity	Fish toxicity: LC50 (96 hr) > 200 mg/l Golden Orfe (Leuciscus idus)*
Mobility	If released to water the product disperses as an emulsion.
Persistence and degradation	This product is resistant to biodegradation
Bioaccumulative potential	This product does not bioaccumulate
Other effects	Siloxanes are removed from water by sedimentation or binding to sewage sludge.

*Determined on polydimethyl siloxane

13. Disposal Considerations

Dispose of via an authorised waste disposal contractor in accordance with local regulations. Incineration may be carried out under controlled conditions providing the local regulations for emissions are met.

14. Transport Information

RID/ADR class	None
IATA class	None
IMDG class	None

15. Regulatory Information

EC Labelling

Symbol	None
R Phrase	None
S Phrase	None

The statements made herein are based on our best present experience and are intended to describe product safety requirements. They should not therefore be considered as a warranty of specific properties.

