



Material Safety Data Sheet

Mirachem[®] Silicone Antifoam

(Formulation No. 2300)

Section I - General

Manufacturer Name:	The Mirachem Corporation P.O. Box 14059 Phoenix, Arizona 85063-4059	Date Prepared:	02/03/96
		Revision Date:	03/16/09
Emergency Phone:	1-(800) 847-3527		

Section II - Hazardous Ingredients/Identity Information

<u>Hazardous Component (CAS #)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>	<u>% (Optional)</u>
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None

N.E. = None Established

Section III - Physical/Chemical Characteristics

Boiling Point:	212°F	Specific Gravity (H ₂ O = 1):	0.9933
% Volatiles:	90 %	pH:	8.0 - 8.5
Vapor Density (AIR =1):	> 1	Evaporation Rate (Butyl Acetate = 1):	N/A
Solubility in Water:	Dispersible	Melting Point	N/A
Appearance and Odor:	Opaque thick white liquid with very light odor		

N/A = Not Applicable

N.E. = Not Established

Section IV - Fire and Explosion Hazard

Flash Point (Method Used):	> 212°F	Explosive Limits:	N/A
Extinguishing Media:	Carbon Dioxide, Dry Chemical, Water Spray (fog)		
Special Fire Fighting Procedures:	None		
Unusual Fire Fighting and Explosion Hazards:	None		

Section V - Reactivity

Stability:	Unstable	
	Stable	X
Incompatibility (Materials to Avoid):	None	
Hazardous Decomposition or By-products:	Carbon Monoxide, Carbon Dioxide, and oxides of silicone, upon thermal decomposition	
Hazardous Polymerization:	May Occur	Will Not Occur X

Section VI - Health Hazard Data

This product mixture has not been tested in animals or on humans. The following acute and chronic health effects are based on the main hazards of the hazardous components in the product.

Eye Contact:	May cause mild temporary irritation.
Skin Contact:	Not expected to cause irritation.
Inhalation:	No adverse effects expected..
Ingestion:	No adverse health effects are anticipated to occur as a result of acute ingestion. Chronic effects are not known.
Carcinogenicity:	None of the components in this material are listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.
Signs/Symptoms of Overexposure:	Prolonged contact may cause skin and eye irritation.
Medical Conditions Generally Aggravated by Exposure:	None known.

Section VII - Emergency and First Aid Procedures

Eyes:	Immediately flush with large amounts clean water for 15 minutes. Consult physician if necessary.
Skin:	Wash with soap and water. Remove contaminated clothing and launder before use.
Ingestion:	Dilute by drinking at least 2 glasses of water.
Inhalation:	No adverse effects anticipated.

Section VIII - Precautions for Safe Handling and Use

In Case of Spill:	Soak up with absorbent material and shovel into waste containers. Wash area with soap and water to eliminate slip hazard.
Waste Disposal:	Deposit contaminated absorbent in landfill in accordance with Federal, State, and local regulations.
Handling & Storage Precautions:	Protect from freezing.
Other Precautions:	Keep container tightly closed. Keep out of reach of children.

Section IX - Control Measures

Respiratory Protection:	No respiratory protection is necessary.
Ventilation:	Good general ventilation is sufficient.
Protective Clothing:	When prolonged skin contact is expected, wear protective gloves. Chemical goggles are recommended.
Eye Protection:	Wear safety glasses.
Work/Hygienic Practices:	Use good personal hygiene practices, wash hands before eating, drinking, smoking, or using toilet facilities.