

# MATERIAL SAFETY DATA SHEET

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## SECTION 1 ♦ CHEMICAL PRODUCT & COMPANY IDENTIFICATION

**Trade Name:** Defoamer MST Revision Date: 9-26-2005  
**CAS Name & No.:** Mixture (NA)  
**Product Description:** A water-dispersible solid defoamer containing a silicone compound  
**DOT Proper Shipping Name:** Defoaming Compound 50140 Sub 1 Class 55 (LTL)  
**DOT Hazard Classification:** Non-Hazardous Emergency Phone No's:  
**Manufacturer's Name:** Power Coolant & Chemical, LLC 1800-424-9300  
**Address:** 15619 Frohock Place, Charlotte, NC 28277 (for emergency use only)

## SECTION 2 ♦ COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:	CAS #	WT. %	PEL	ACGIH STEL
Mono & Diglyceride Esters	68990-53-4	35 - 55	No Data	No Data
Alcohol Ethoxylate	68439-49-6	15 - 30	No Data	No Data
Polydimethylsiloxane Compound	63148-62-9	20 - 40	No Data	No Data

This product contains no components at levels reportable as hazardous per OSHA Hazard Communication Standard 29 CFR 1910.1200, or in physical form reportable as hazardous per OSHA Hazard Communication Standard 29 CFR 1910.1200.

## SECTION 3 ♦ HAZARDS IDENTIFICATION

### NFPA HAZARD RATING

HEALTH -1 FIRE - 1 REACTIVITY - 0 PERSONAL PROTECTION - See Section 8

**Primary Routes of Entry:** Absorption through skin.  
**Potential Health Effects:**  
**Eye:** Eye contact with product may cause irritation and discomfort. Avoid eye contact with product at all times.  
**Skin:** Effects of short-term exposure are expected to be minimal. Some individuals may experience irritation and discomfort to skin. Avoid prolonged and unnecessary skin contact with product.  
**Ingestion:** Effects of ingesting small quantities are expected to be minimal. Never taste or swallow product.  
**Inhalation:** Not expected to be an inhalation hazard. Avoid prolonged exposure to product vapors.

## SECTION 4 ♦ FIRST AID MEASURES

**Eyes:** Immediately flush eyes with a directed stream of water for at least 15 minutes while forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Get prompt medical attention if irritation develops.  
**Skin:** Flush skin with water and wash with mild soap and water. Get prompt medical attention if irritation develops or rash occurs. Remove contaminated clothing and wash before reuse.  
**Ingestion:** GET IMMEDIATE MEDICAL ATTENTION. Do not induce vomiting except by physician's order. If spontaneous vomiting is inevitable, prevent aspiration by keeping victim's head below the knees. Never give anything by mouth to an unconscious person.  
**Inhalation:** Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If respiration stops, have trained person administer mouth-to-mouth resuscitation. GET MEDICAL ATTENTION IMMEDIATELY.

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## SECTION 5 ♦ FIRE FIGHTING MEASURES

<b>Flammable Properties:</b>	Flash point, TCC:	> 200° F	> 93° C
	Autoignition:	No Data	
	Flammability Class:	No Data	
	Lower Explosive Limit (%):	No Data	
	Upper Explosive Limit (%):	No Data	
<b>Hazardous Combustion Products:</b>	Combustion products may include fumes, smoke, and carbon monoxide.		
<b>Extinguishing Media:</b>	Dry chemical, carbon dioxide, and foam.		
<b>Fire Fighting Instructions:</b>	Use water spray to cool containers exposed to flames. Do not enter enclosed or confined workspaces without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available). If leak or spill has not ignited, use water spray to disperse the vapors.		
<b>Unusual Fire/Explosion Hazards:</b>	None Known.		

## SECTION 6 ♦ ACCIDENTAL RELEASE MEASURES

Contain spill and keep from entering waterways or sewers. Shovel, sweep, or vacuum spill and place in closed container for disposal according to local, state, and federal regulations.

## SECTION 7 ♦ HANDLING AND STORAGE

<b>Storage Conditions:</b>	Store this product below 110 °F (43 °C) in a cool, dry, well-ventilated area away from direct sources of intense heat or excessive moisture. Do not store near strong oxidizing materials. Preferentially store below 85° F (29 °C).
<b>General Precautions:</b>	Keep container tightly closed when handling or storing. Exercise good personal and industrial hygiene when handling. Avoid unsanitary conditions, usage, & storage.

## SECTION 8 ♦ EXPOSURE CONTROLS, PERSONAL PROTECTION

<b>Personal Protection</b>	
<b>Gloves:</b>	Neoprene rubber or other chemical resistant material such as nitrile or viton may be used.
<b>Safety Glasses:</b>	Always wear eye protection. Goggles or safety glasses with side shields are recommended.

## SECTION 9 ♦ PHYSICAL AND CHEMICAL PROPERTIES

<b>Vapor Pressure:</b>	No Data	<b>pH (neat@25° C):</b>	7.0
<b>Vapor Density, (Air=1):</b>	No Data	<b>Boiling Point:</b>	No Data
<b>Specific Gravity:</b>	No Data	<b>Freezing Point:</b>	No Data
<b>Solubility in Water:</b>	Dispersible	<b>Viscosity:</b>	Not Applicable; Solid
<b>Volatile Organic %:</b>	Negligible	<b>Evaporation Rate:</b>	No Data
<b>Appearance:</b>	Tan Opaque Solid	<b>Odor:</b>	Bland

The physical data presented here are approximations, as the actual product's values may vary slightly

## SECTION 10 ♦ STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions.
<b>Hazardous Polymerization:</b>	Hazardous polymerization will not occur.
<b>Materials to Avoid:</b>	Strong oxidizing materials.
<b>Conditions to Avoid:</b>	See Section 7.
<b>Hazardous Decomposition Products:</b>	Incomplete combustion may produce carbon monoxide and other asphyxiants.

## SECTION 11 ♦ TRANSPORTATION / REGULATORY INFORMATION

**Transportation Information:**

**DOT Proper Shipping Name:** Defoaming Compound 50140 Sub 1 Class 55 (LTL)

**DOT Hazard Class:** Non-Hazardous

**Hazard Technical Name:** Not Applicable

**DOT Shipping Label:** Not Required

**UN/NA Number:** No Data

**Packing Group:** No Data

**Regulatory Information:**

**U.S. Federal Regulatory Information**

SARA 302 Threshold Planning Quantity: Not Applicable

SARA 304 Reportable Quantity: Not Applicable

SARA 311 Categories: Immediate (Acute) Health Effects: N Y = Yes; N = No

Delayed (Chronic) Health Effects: N

Fire Hazard: N

Sudden Release of Pressure Hazard: N

Reactivity Hazard: N

SARA Title III – Section 313:

The following chemicals are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

None Listed

EPA Hazard Classification Code: Not Applicable

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200

EPA/TSCA Inventory: The components of this product are listed on the EPA/TSCA inventory of chemicals

Canadian DSL: The components of this product are listed on the Canadian Domestic Substances List

CERCLA: No chemicals in this product are subject to the reporting requirements of CERCLA

## SECTION 12 ♦ DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

**Disclaimer:** This material safety data sheet (MSDS) was prepared in accordance with 29 CFR 1910.1200. The information contained herein is based upon data available to us and reflects our best professional judgment. However, no warranty is expressed or implied regarding the accuracy of such information or the results obtained from the use thereof. We assume no legal responsibility whatsoever for any damage resulting from reliance upon this information since it is being furnished upon the condition that the person receiving it shall make his or her own determination of the suitability of the material described herein for a particular application, storage, or disposal situation.