

# MATERIAL SAFETY DATA SHEET

## Radiator Specialty Company

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POISON INFORMATION & EMERGENCY: 303-623-5716

### MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

### US DEPARTMENT OF LABOR

Occupational Safety and Health Administration.  
(Non-Mandatory Form) Form Approved OMB No. 1218-0072

### SECTION I GENERAL INFORMATION

<b>PRODUCT NAME</b>	SUPER CONCENTRATED FUEL STABILIZER AND GAS TREATMENT
<b>PART NUMBER</b>	M58 -08/6

**NOTE:** Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

### SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	WT%	C.A.S. NO.	TLV (ACGIH-----OSHA--X-----)
Aliphatic Petroleum Distillate	93-97	8052-41-3	100 ppm (Air)
Petroleum Naphtha	<3	64742-94-5	19 ppm (mg/m <sup>3</sup> ) (TWA)
Solvent Red 26	<.1	4477-79-6	

Warning: "This product contains a chemical known to the State of California to cause cancer."

#### Comments:

Components not identified are non-hazardous according to 29 CFR 1910.1200

### SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Specific Gravity (H<sub>2</sub>O=1)</b>	.781	<b>pH</b>	N/A
<b>Solubility in Water</b>	Insoluble	<b>Solubility in Solvent</b>	Petroleum
<b>Flash Point (Method) - F<sup>o</sup></b>	105 <sup>o</sup> F (TCC)	<b>% Volatiles By Wt.</b>	97.5%
<b>Melting Point - F<sup>o</sup></b>	N/A	<b>Boiling Point - F<sup>o</sup></b>	315
<b>Vapor Pressure (mm Hg)</b>	N/A	<b>Vapor Density (Air=1)</b>	N/A
<b>Evaporation Rate (Butyl Acetate=1)</b>	N/A		
<b>Appearance and Odor</b>	Clear, red liquid with petroleum odor.		

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

<b>EXTINGUISHING MEDIA:</b>	Caution: COMBUSTIBLE!		
<b>Water Fog</b>	<b>Foam</b> X	<b>CO<sub>2</sub></b> X	<b>Dry Chemical</b> X

**SPECIAL FIRE FIGHTING PROCEDURES.** Wear self-contained, positive pressure breathing apparatus and protective clothes. Water spray containers to cool.

**UNUSUAL FIRE AND EXPLOSION HAZARDS** Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Vapor accumulation can FLASH or explode if ignited.

**SECTION V REACTIVITY DATA**

<b>Stable</b> X	<b>Unstable</b>	<b>Corrosive</b> NO	<b>Hazardous Polymerization?</b> Yes	<b>No</b>
<b>Incompatibilities</b> Avoid contact with strong oxidizing agents.				
<b>Hazardous Decomposition or Byproducts</b> Carbon Dioxide, Carbon Monoxide, Aldehydes and various Hydrocarbons				

**SECTION VI HEALTH HAZARD INFORMATION**

<b>Recommended TLV of Product</b> 100 ppm Aliphatic Petroleum Distillate	
<b>EYE CONTACT</b> Eye irritant. Exposure to liquid may cause severe eye irritation	<b>SKIN CONTACT</b> Skin irritant. Contact may cause skin irritation, prolonged exposure may dry skin.
<b>INHALATION</b> Causes respiratory irritation, headache, nausea, fatigue, drowsiness, impaired coordination.	<b>INGESTION</b> HARMFUL OR FATAL IF SWALLOWED!
<b>OTHER</b>	

**SECTION VII EMERGENCY AND FIRST AID PROCEDURES**

<b>EYE CONTACT</b> Flush eyes for 15 minutes with water while lifting eyelids. Seek immediate medical attention.
<b>SKIN CONTACT</b> Wash exposed area with soap and water. If irritation persists, seek medical attention.
<b>INHALATION</b> Move to fresh air. If adverse affects persist, consult a physician.
<b>INGESTION</b> DO NOT INDUCE VOMITING! Drink water. DO NOT ADMINISTER EPINEPHRINE OR ADRENALINE. Get medical attention immediately.

**SECTION VIII SPECIAL PROTECTION INFORMATION**

	<b>CONSUMER</b>	<b>BULK HANDLING (Prolonged Exposure)</b>
<b>RESPIRATORY PROTECTION</b>	N/A	If TLV is exceeded, wear NIOSH approved respirator.
<b>VENTILATION</b>	Use with adequate ventilation	Use with adequate ventilation
<b>EYE PROTECTION</b>	N/A	Goggles or full face shield
<b>PROTECTIVE CLOTHING</b>	N/A	Neoprene gloves and apron

**SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE**

<b>SPILL OR LEAK PROCEDURE</b> Observing health hazards described above, remove ignition sources, ventilate area. Wipe up with rags or use dry absorbent and shovel up into a waste drum.
<b>WASTE DISPOSAL METHOD</b> <i>Dispose of in accordance with all applicable government laws and regulations.</i>
<b>STORAGE AND HANDLING PRECAUTIONS</b> Store in a cool place below 120°F. away from oxidizing agents and ignition sources.
<b>OTHER PRECAUTIONS</b> WEARING CONTACT LENSES IS INADVISABLE! KEEP AWAY FROM CHILDREN AND ANIMALS!

# HAZARD INFORMATION LABEL DATA

HAZARD CODE	FLAMMABILITY	HEALTH	REACTIVITY	SPECIAL
4- Extreme	2	2	0	
3- High				
2- Moderate				
1- Slight				
0- Negligible				

Supersedes MARCH 1999 OSHA Revised DECEMBER 2001

Title: R. D. Geer - Chemist

*While Radiator Specialty Company believes this data is accurate as of the revision date, we make no warranty with respect to the data and we expressly disclaim all liability for reliance thereon. The data is offered solely for information, investigation, and verification.*