

# 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 OSHA No. 1216-0072

### SECTION I GENERAL INFORMATION

**PRODUCT NAME** DIESEL-TONE FUEL CONDITIONER  
**PART NUMBER** M24- 12, 32, 34, 40, 49

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-X) - OSHA
Aliphatic Petroleum Distillate	93-97	68476-34-6	100 ppm (Air)

**WARNING:** This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.

#### Comments:

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

### SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity (H <sub>2</sub> O=1)	0.84-0.88	pH	N/A
Solubility in Water	Insoluble	Solubility in Solvent	Petroleum
Flash Point (Method) - F <sup>o</sup>	Greater than 140 <sup>o</sup> F (TCC)	% Volatiles by Wt	Greater than 90%
Melting Point - F <sup>o</sup>	N/A	Boiling Point - F <sup>o</sup>	Greater than 300 <sup>o</sup> F
Vapor Pressure (mmHg)	N/A	Vapor Density (Air=1)	N/A
Evaporation Rate (Butyl Acetate=1)	N/A		
Appearance and Odor	Light yellow-amber liquid with petroleum odor.		

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

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

**SPECIAL FIRE FIGHTING PROCEDURES.** Wear self-contained, positive pressure breathing apparatus and protective clothes

**UNUSUAL FIRE AND EXPLOSION HAZARDS** None known

SECTION V REACTIVITY DATA

Stable	AAA	Unstable	Corrosive	NO	Hazardous Polymerization?	Yes	RD	AA
Incompatibilities Oxidizing agents. Open flame or sparks.								
Hazardous Decomposition or Byproducts Fire: Normal products of combustion: carbon monoxide, carbon dioxide, and acrid smoke. Nitrogen and sulfur oxides								

SECTION VI HEALTH HAZARD INFORMATION

Recommended TLV of Product		100 ppm Asphatic Petroleum Distillate	
EYE CONTACT	Irritant	SKIN CONTACT	Irritation, Defatting, dermatitis on prolonged exposure
INHALATION	Excessive inhalation may cause dizziness, headache, narcosis, irritation to mucous membranes	INGESTION	HARMFUL OR FATAL IF SWALLOWED!
OTHER	If aspirated into lungs, may cause lung irritation.		

SECTION VII EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT	Flush with water thoroughly for at least 15 min., while lifting eyelids. Consult a physician.
SKIN CONTACT	Wash with soap and water thoroughly. Remove contaminated clothing and launder before re-use.
INHALATION	Move to fresh air. If adverse effects persist, consult a physician.
INGESTION	DO NOT INDUCE VOMITING! Drink water. DO NOT ADMINISTER EPINEPHRINE OR ADRENALINE! Get medical attention immediately.

SECTION VIII SPECIAL PROTECTION INFORMATION

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

SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE

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

HAZARD INFORMATION LABEL DATA

HAZARD CODE: FLAMMABILITY	2	REACTIVITY	0
HEALTH HAZARD	2	TOXICITY	0

1 - Slight  
 2 - Moderate  
 3 - High  
 4 - Negligible

Supersedes SEPTEMBER 1986 OSHA Revised JUNE 1981  
 Title R, GEER-CHEMIST

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