

# MATERIAL SAFETY DATA SHEET

## Radiator Specialty Company

1900 WILKINSON BLVD. CHARLOTTE, NC 28208 (704) 377-6555

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>	WATER PUMP LUBRICANT AND RUST INHIBITOR
<b>PART NUMBER</b>	C10- 06, 12

**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-----)
Naphthenic Petroleum Oil Mixture	12-18	64742-53-6/64742-52-5	5 mg/m (Mist)
Triethanolamine	1-2	102-71-6	NDA

#### 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>	0.98	<b>pH</b>	8.9 ±0.6
<b>Solubility in Water</b>	Miscible	<b>Solubility in Solvent</b>	Petroleum
<b>Flash Point (Method) - F<sup>0</sup></b>	None	<b>% Volatiles By Wt.</b>	Greater than 70%
<b>Melting Point - F<sup>0</sup></b>	N/A	<b>Boiling Point - F<sup>0</sup></b>	Approx. 212 <sup>0</sup> F
<b>Vapor Pressure (mmHg)</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>	Milky white emulsion with mild odor.		

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

<b>EXTINGUISHING MEDIA:</b>	Non-flammable
<b>Water Fog</b>	Foam
	CO <sub>2</sub>
	Dry Chemical

**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 X	Unstable	Corrosive	NO	Hazardous Polymerization? Yes	No X
----------	----------	-----------	----	-------------------------------	------

**Incompatibilities** Strong, oxidizing agents and acids

**Hazardous Decomposition or Byproducts** Fire: normal products of combustion, carbon dioxide, carbon monoxide, smoke like fumes of ammonia.

**SECTION VI HEALTH HAZARD INFORMATION**

**Recommended TLV of Product** 5mg/m<sup>3</sup> (Mist) Naphthenic Petroleum Mixture

**EYE CONTACT** Irritant. May cause permanent damage with over exposure. **SKIN CONTACT** Irritating upon prolonged exposure. May cause dermatitis.

**INHALATION** Irritating to respiratory tract. **INGESTION** HARMFUL OR FATAL IF SWALLOWED! May cause stomach cramps, and diarrhea.

**OTHER**  
If aspirated into lungs, can cause lung irritation.

**SECTION VII EMERGENCY AND FIRST AID PROCEDURES**

**EYE CONTACT** Flush with water for at least 15 minutes thoroughly while lifting eyelids. Consult a physician immediately.

**SKIN CONTACT** Wash with soap and water thoroughly.

**INHALATION** Move to fresh air immediately. If adverse effects persist, consult a physician immediately.

**INGESTION** Drink water. DO NOT INDUCE VOMITING! Consult a physician.

**SECTION VIII SPECIAL PROTECTION INFORMATION**

	CONSUMER	BULK HANDLING (Prolonged Exposure)
<b>RESPIRATORY PROTECTION</b>	N/A	None required
<b>VENTILATION</b>	Use with adequate ventilation	General
<b>EYE PROTECTION</b>	N/A	Goggles or face shield
<b>PROTECTIVE CLOTHING</b>	N/A	Neoprene gloves and apron

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

**SPILL OR LEAK PROCEDURE** Observing health hazards described above, ventilate area,. Confine spill, wipe up with rags or use dry absorbent. Transfer to waste drum.

**WASTE DISPOSAL METHOD** *Dispose of in accordance with all applicable government laws and regulations.*

**STORAGE AND HANDLING PRECAUTIONS** Store in cool place below 120°F away from oxidizing agents and acids.

**OTHER PRECAUTIONS** KEEP, AWAY FROM CHILDREN AND ANIMALS!

HAZARD INFORMATION LABEL DATA	
<b>HAZARD CODE</b>	FLAMMABILITY
4 = Extreme	1
3 = High	1
2 = Moderate	0
1 = Slight	0
0 = Negligible	SPECIAL
HEALTH	REACTIVITY

Supersedes AUGUST 1996

OSHA Revised JANUARY 1999

Title R. 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.*