

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

PRODUCT NAME Assembly Lubricant with PTFE
PART NUMBER L5 -34

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-----)
Naphtenic Petroleum Oil Mixture	79	64742-53- 6/64742-52-5	5mg/m ³ (Mist)

Comments:

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

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity (H ₂ O=1)	0.89	pH	N/A
Solubility in Water	Insoluble	Solubility in Solvent	Petroleum
Flash Point (Method) - F ^o	335	% Volatiles By Wt.	Approx 25%
Melting Point - F ^o	N/A	Boiling Point - F ^o	Greater than 300 ^o
Vapor Pressure (mmHg)	N/A	Vapor Density (Air=1)	N/A
Evaporation Rate (Butyl Acetate=1)	N/A		
Appearance and Odor	Amber oily liquid with mild characteristic odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA:

Water Fog	Foam	X	CO ₂	X	Dry Chemical	X
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SPECIAL FIRE FIGHTING PROCEDURES. Wear self-contained, positive pressure breathing apparatus and protective clothes.

UNUSUAL FIRE AND EXPLOSION HAZARDS

SECTION V REACTIVITY DATA

Stable XX	Unstable	Corrosive	NO	Hazardous Polymerization? Yes	No XX
Incompatibilities	Oxidizing agents and acids.				
Hazardous Decomposition or Byproducts and Nitrogen, Sulfur Oxides.		Fire: normal products of combustion: carbon monoxide, carbon dioxide, smoke			

SECTION VI HEALTH HAZARD INFORMATION

Recommended TLV of Product	5mg/m ³ (Mist) Naphtenic Petroleum Oil Mixture		
EYE CONTACT Moderate irritant	SKIN CONTACT Irritant. Prolonged exposure causes dryness, dermatitis.		
INHALATION Over exposure to mist may cause headache, dizziness, nausea, lung irritation.	INGESTION	HARMFUL OR FATAL IF SWALLOWED! May cause cramps and diarrhea.	
OTHER			

SECTION VII EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT	Flush with water thoroughly for 15 minutes, while lifting eyelids. Consult a Physician immediately.
SKIN CONTACT	Wash with soap and water thoroughly. Remove contaminated clothing and launder before re use.
INHALATION	Move to fresh air. If breathing is difficult, administer oxygen. If breathing is stopped, apply artificial respiration and call a physician immediately.
INGESTION DO NOT INDUCE VOMITING! Consult a physician immediately. DO NOT ADMINISTER EPINEPHRINE OR ADRENALINE!!	

SECTION VIII SPECIAL PROTECTION INFORMATION

CONSUMER		BULK HANDLING (Prolonged Exposure)
RESPIRATORY PROTECTION	N/A	Use NIOSH approved self-contained respirator.
VENTILATION	Use with adequate ventilation.	General
EYE PROTECTION	N/A	Fully protective face shield and goggles
PROTECTIVE CLOTHING	N/A	Solvent resistant gloves and apron

SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE

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

HAZARD INFORMATION LABEL DATA

HAZARD CODE FLAMMABILITY REACTIVITY

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

HEALTH 2 2 0 SPECIAL

Supersedes NEW

OSHA Revised APRIL 1998

Title ROBERT 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.