

MATERIAL SAFETY DATA SHEET

Radiator Specialty Company

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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.

U.S. DEPARTMENT OF LABOR

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

SECTION I GENERAL INFORMATION

PRODUCT NAME POWER STEERING FLUID
PARTS NUMBER M27-12, -13, -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 — OSHA —)
Paraffinic Petroleum Oil	90-99	64742-54-7/64742-65-0	5 mg/m ³
Naphthenic Oil		64742-53-6/64742-52-5	
Thiophosphate Derivative	.1-.3	Confidential	

Comments:

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

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity (H ₂ O = 1)	.87	pH	Not applicable
Solubility in Water	Insoluble	Solubility in Solvent	Petroleum
Flash Point (Method) - F°	320 (COC)	% Volatiles By Wt.	Negligible
Melting Point - F°	0	Boiling Point - F°	465
Vapor Pressure (mmHg)	<.01	Vapor Density (Air = 1)	>5
Evaporation Rate (Butyl Acetate = 1)	very slow <.01		
Appearance and Odor	Amber oily liquid with petroleum odor		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA:

Water Fog _____ Foam X _____ CO₂ X _____ Dry Chemical X _____

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 ☒	Unstable ☐	Corrosive ☐	Hazardous Polymerization? Yes ☐ No ☒
Compatibilities: Oxidizing materials			
Hazardous Decomposition or Byproducts: Smoke, carbon oxides, traces of sulfur, phosphorus, and nitrogen oxides.			

SECTION VI HEALTH HAZARD INFORMATION

Recommended TLV of Product: 5 mg/m ³ as oil mist	
EYE CONTACT: Mild irritant	SKIN CONTACT: Mild irritant on long exposure.
INHALATION: If oil mist is inhaled for prolonged periods, may cause irritation	INGESTION: HARMFUL IF SWALLOWED!
OTHER: Contains traces of dithiophosphate derivative which may have adverse reproductive effects.	

SECTION VII EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT	Flush eyes with water for 15 minutes.
SKIN CONTACT	Wash with soap and water.
INHALATION	Move to fresh air, if adverse effects persist consult physician.
INGESTION	DO NOT INDUCE VOMITING, consult a physician immediately.

SECTION VIII SPECIAL PROTECTION INFORMATION

CONSUMER	BULK HANDLING (Prolonged Exposure)
RESPIRATORY PROTECTION: N/A	If TLV exceeded, wear respirator.
VENTILATION: Use with adequate ventilation.	General.
EYE PROTECTION: N/A	None required.
PROTECTIVE CLOTHING: N/A	Neoprene gloves and apron.

SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK PROCEDURE	Contain spill, 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 away from oxidizing agents
OTHER PRECAUTIONS	Keep away from children.

HAZARD INFORMATION LABEL DATA	
HAZARD CODE	FLAMMABILITY
4=Extreme 3=High 2=Moderate 1=Slight 0=Negligible	
	REACTIVITY

Supersedes March 1992OSHA Revised August 1994

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 your information, investigation, and verification.