

# MATERIAL SAFETY DATA SHEET

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Roadmaster Dexron II/Mercon

**Product Code:**

**Chemical Name:** Automatic Transmission Fluid

**Chemical Family:** Blend

**Manufacturer:** Scot Lubricants of PA  
1801 E. Tremont Street  
P.O. Box 326  
Allentown, PA 18105

**Emergency Telephone Numbers:**

Information: 610-433-2527 8am-5pm EST M-F  
CHEMTREC: 800-424-9300 24 hrs every day

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

EXPOSURE GUIDELINES			OSHA		ACGIH		
Component/CAS Number	LO%	HI%	TWA	STEL	TWA	STEL	UNIT
LIMITS FOR THE PRODUCT			5		5		MG/M3
SEVERELY SOLVENT REFINED HEAVY PARAFFINIC PETROLEUM OIL							
64741-88-4	20.00	40.00	5		5		MG/M3
SEVERELY SOLVENT REFINED LIGHT PARAFFINIC PETROLEUM OIL							
64741-88-4	60.00	70.00	5		5		MG/M3
BORATED POLYISOBUTENYL SUCCINIC ANHYDRIDE	.00	15.00				NO SPECIFIC LIMIT	
POLYMETHACRYLATE COPOLYMER	.00	15.00				NO SPECIFIC LIMIT	
ADDITIONAL EXPOSURE LIMITS -----	GOVERNMENT REGULATION						
OTHER LIMIT – OIL MIST: 5MG/M3			OSHA PEL/ACGIH TLV				

## 3. HAZARD IDENTIFICATION

### EMERGENCY OVERVIEW

**MAY CAUSE SKIN IRRITATION**

**APPEARANCE:** RED FLUID

**ODOR:** SLIGHT ODOR

**POTENTIAL HEALTH EFFECTS:**

**INHALATION:** NO EFFECTS EXPECTED.

**INGESTION:** PRACTICALLY NON-TOXIC.

**EYE CONTACT:** EXPECTED TO BE MINOR EYE IRRITANT.

**SKIN CONTACT:** PRACTICALLY NON- TOXIC IF ABSORBED (LD50 > 2000 MG/KG). MAY CAUSE MODERATE IRRITATION WITH PROLONGED OR REPEATED CONTACT.

**CARCINOGEN LISTED BY:** IARC (NO) NTP (NO) OSHA (NO) ACGIH (NO) OTHER (NO)

### NFPA/HMIS CLASSIFICATION

HEALTH – 0/0

FLAMMABILITY – 1/1

REACTIVITY – 0/0

### HAZARD RATING

0= LEAST 1=SLIGHT

2=MODERATE 3=HIGH

4=EXTREME

Revision: 4/22/07

NA=Not Applicable

ND=No Data

NE=Not Established

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#### 4. FIRST AID MEASURES

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**INHALATION:** Move to fresh air.

**EYE CONTACT:** Flush with water for at least 15 minutes. If irritation persists, obtain medical assistance.

**SKIN CONTACT:** Wash with soap and water until no odor remains. If redness or swelling develops, obtain medical assistance. Wash clothing before reuse.

**INGESTION:** Practically non-toxic. Induction of vomiting not required. Obtain emergency medical attention. Small amounts, which accidentally enter mouth, should be rinsed out until taste of it is gone.

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#### 5. FIRE FIGHTING MEASURES

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**FLASHPOINT (METHOD):** 350°F Minimum COC; 177°C Minimum COC

**FLAMMABLE LIMITS:** Not established

**AUTOIGNITION TEMP:** 675°F Estimated; 359°C Estimated

**EXTINGUISHING MEDIA:** Water spray, dry chemical, carbon dioxide (CO<sub>2</sub>), foam.

**FIRE FIGHTING INSTRUCTIONS:** Avoid breathing smoke and vapor.

**FIRE FIGHTING EQUIPMENT:** Wear self-contained breathing apparatus and protective clothing. Use water spray to keep fire-exposed containers cool

**HAZARDOUS COMBUSTION PRODUCTS:** Normal combustion forms carbon dioxide and water vapor; incomplete combustion can produce carbon monoxide.

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#### 6. ACCIDENTAL RELEASE MEASURES

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**SPILLS OR LEAKS:** Contain spills, advise EPA, state agency if required. Absorb on inert material, shovel, sweep, or vacuum spill.

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#### 7. HANDLING AND STORAGE

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NFPA Class IIIB Storage. Wash thoroughly after handling.

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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**VENTILATION:** Ventilate as needed to comply with exposure limit. General dilution ventilation acceptable.

**PERSONAL PROTECTIVE EQUIPMENT —**

**EYE:** Splash proof chemical goggles recommended to protect against splash of product.

**GLOVES:** Protective gloves recommended when prolonged skin contact cannot be avoided. The following glove materials are acceptable: polyvinyl chloride (PVC); neoprene; nitrile; polyvinyl alcohol; viton.

**RESPIRATOR:** Concentration in air determines protection needed. Use only NIOSH certified respiratory protection. Respiratory protection usually not needed unless product is heated or misted. Half-mask air purifying respirator with dust/mist filters or HEPA filter cartridges is acceptable to 10 times the exposure limit. Full-face air purifying respirator with dust/mist filters of HEPA filter cartridge is acceptable to 50 times the exposure limit.

Protection by air purifying respirators is limited. Use a positive pressure demand full-face supplied air respirator or SCBA for exposures above 50X the exposure limit. If exposure is above IDLH (immediately dangerous to life and health) or there is the possibility of an uncontrolled release or exposure levels are unknown then use a positive pressure demand full face supplied air respirator with escape bottle or SCBA.

**OTHER:** If contact is unavoidable, wear chemical resistant clothing. The following materials are acceptable as protective clothing materials: polyvinyl alcohol (PVA); polyvinyl chloride (PVC); neoprene; nitrile; viton; polyurethane; launder soiled clothes.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**


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**APPEARANCE/ODOR:** RED FLUID/SLIGHT ODOR.  
**VAPOR PRESSURE:** <0.0001 (MM HG @ 20°C)  
**MOLECULAR WEIGHT:** N/A (G/MOLE)  
**SOLUBILITY IN WATER:** NIL (% BY VOLUME)  
**EVAPORATION RATE:** 1000X SLOWER (ETHYL ETHER=1)  
**SPECIFIC GRAVITY:** 0.86 (WATER=1)  
**VISCOSITY:** 50.0 SUS @ 210°F                      32.8 CST @ 40°C

**BOILING POINT:** HIGH  
**MELTING POINT:** N/A  
**PACKING DENSITY:** N/A  
**OCTANOL/WATER COEFF:** N.D.  
**ODOR THRESHOLD:** N.D.  
**VAPOR DENSITY:** 10+ (AIR =1)

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**10. STABILITY AND REACTIVITY**


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**STABILITY:** Stable.

**CONDITIONS TO AVOID:** None known.

**MATERIALS TO AVOID:** Strong oxidizing agents.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**HAZARDOUS DECOMPOSITION:** Combustion will produce carbon monoxide and asphyxiants.

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**11. TOXICOLOGICAL INFORMATION**


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**FOR THE PRODUCT –**

**INHALATION:** Low acute toxicity. **SKIN:** expected to be acutely non-toxic if absorbed. mild irritation with prolonged/repeated contact.

**EYE:** mildly irritating on contact. **ORAL:** practically non-toxic

acute toxicity: estimated oral LD50 in rats is > 15 g/kg. estimated draize skin irritation score is: 2.10 out of 8.0

**SEVERELY SOLVENT REFINED HEAVY PARAFFINIC PETROLEUM OIL –**

**INHALATION:** low acute toxicity. **SKIN:** practically non-toxic: if absorbed may cause moderate irritation with prolonged and repeated contact. **EYE:** minimally irritating on contact. **INGESTION:** Practically non-toxic if swallowed.

**SEVERELY SOLVENT REFINED LIGHT PARAFFINIC PETROLEUM OIL –**

**INHALATION:** low acute toxicity. **SKIN:** practically non-toxic if absorbed may cause moderate irritation with prolonged and repeated contact. **EYE:** minimally irritating on contact. **INGESTION:** Practically non-toxic. Harmful or fatal is swallowed and/or vomiting occurs, because it can enter the lungs and cause damage.

**PULMONARY ASPIRATION HAZARD.**

**BORATED POLYISOSOBUTENYL SUCCINIC ANHYDRIDE –**

No data available for all routes of exposure.

**SUBSTITUTED ALKYL PHOSPHITE:** No data available for all routes of exposure.

**POLYMETHACRYLATE COPOLYMER:** No data available for all routes of exposure.

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**12. ECOLOGICAL INFORMATION**


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**ECOTOXICITY:** No data available.

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**13. DISPOSAL INFORMATION**


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Follow federal, state and local regulations. Not RCRA hazardous waste if uncontaminated. If “used”, RCRA criteria (ignitability, reactivity corrosivity, toxicity characteristics) must be determined. Do not flush to drain/storm sewer. Contract to authorized disposal service.

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