

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Roadmaster 10W-40

Product Code:

Chemical Name: Motor Oil

Chemical Family: Blend

Manufacturer: Scot Lubricants of PA, Inc.

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							
SEVERELY SOLVENT REFINED HEAVY PARAFFINIC PETROLEUM OIL							
64741-88-4	.00	80.00	5		5		MG/M3
ETHYLENE/PROPYLENE COPOLYMER							
9010-79-1	10.00	20.00					NO SPECIFIC LIMIT
ZINC DIALKYL DITHIOPHOSPHATE							
68649-42-3	2.00	2.00					NO SPECIFIC LIMIT
BORATED POLYISOBUTENYL SUCCINIC ANHYDRIDE							
	.00	10.00					NO SPECIFIC LIMIT
ACRYLIC COPOLYMER							
68171-46-0	.00	1.00					NO SPECIFIC LIMIT
HYDROTREATED HEAVY PARAFFINIC PETROLEUM OIL							
64742-54-7	.00	80.00	5				MG/M3
MAGNESIUM ALKYLARYL DETERGENT							
	.00	10.00					NO SPECIFIC LIMIT
ALKYL DIPHENYLAMINE							
27177-41-9	.00	1.00					NO SPECIFIC LIMIT
POLYBUTENE							
9003-29-6	.00	1.00					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: AMBER 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

FIRE – 1/1

REACTIVITY – 0/0

PERSONAL PROTECTION INDEX - X

HAZARD RATING

0= LEAST 1=SLIGHT

2=MODERATE 3=HIGH

4=EXTREME

Revision: 04/30/2007

NA=Not Applicable

ND=No Data

NE=Not Established

4. FIRST AID MEASURES

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. 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.

5. FIRE FIGHTING MEASURES

FLASHPOINT (METHOD): 405°F Minimum COC; 208°C Minimum COC

FLAMMABLE LIMITS: Not established

AUTO-IGNITION TEMP: 675°F Estimated; 359°C Estimated

FIRE AND EXPLOSING HAZARDS: Can be made to burn (flash point > 200F)

EXTINGUISHING MEDIA: Water spray, dry chemical, carbon dioxide (CO₂), foam.

FIRE FIGHTING INSTRUCTIONS: Wear self-contained breathing apparatus. Wear structural fire-fighting protective clothing.

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

6. ACCIDENTAL RELEASE MEASURES

SPILLS OR LEAKS: Contain spill. Use personal protective equipment stated in section 8. Advise EPA, state agency, if required. Absorb on inert material, shovel, sweep, or vacuum spill.

7. HANDLING AND STORAGE

NFPA Class IIIB Storage. Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Wash thoroughly after handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Ventilate as needed to comply with exposure limit. Mechanical ventilation recommended.

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.

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.

9. Physical and Chemical Properties – cont'd

APPEARANCE/ODOR: AMBER FLUID/SLIGHT ODOR.

VAPOR PRESSURE: NIL (MM HG @ 20°C)

MOLECULAR WEIGHT: N/A (G/MOLE)

SOLUBILITY IN WATER: NIL (% BY VOLUME)

BOILING POINT: HIGH

MELTING POINT: N/A

PACKING DENSITY: N/A

OCTANOL/WATER COEFF: N.D.

9. PHYSICAL AND CHEMICAL PROPERTIES

EVAPORATION RATE: 1000X SLOWER (ETHYL ETHER=1) **ODOR THRESHOLD:** N.D.
SPECIFIC GRAVITY: 0.87 (WATER=1) **VAPOR DENSITY:** 10+ (AIR =1)
VISCOSITY: 77.5 SUS @ 210°F 103 CST @ 40°C

10. STABILITY AND REACTIVITY

STABILITY: Stable.

INCOMPATIBLE MATERIALS: Strong oxidizers

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION: Combustion will produce carbon monoxide and asphyxiants.

11. TOXICOLOGICAL INFORMATION

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

SEVERELY SOLVENT REFINED HEAVY PARAFFINIC PETROLEUM OIL – (Component)

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.

ETHYLENE/PROPYLENE COPOLYMER: (Component) NO data available for all routes of exposure

ZINC DIALKYL DITHIOPHOSPHATE: (Component)

INHALATION: Toxic hydrogen sulfide is generated when heated above 200 deg. F. This can cause central nervous system (brain) effects, nausea, dizziness, confusion, loss of sense of smell, muscle cramps, in coordination, unconsciousness, coma, respiratory failure, or death. **SKIN:** Prolonged or repeated contact may cause moderate irritation, redness, drying, cracking, and dermatitis. **EYE:** Irritant. **ORAL:** Harmful if swallowed.

BORATED POLYISOSOBUTENYL SUCCINIC ANHYDRIDE – (Component)

No data available for all routes of exposure.

ACRYLIC COPOLYMER: (Component) No data available for all routes of exposure.

HYDROTREATED HEAVY PARAFFINIC PETROLEUM OIL: (Component) **INHALATION:**

Overexposure to mists or vapors may cause eye, nose, throat and respiratory tract irritation. **SKIN:** Prolonged or repeated contact may cause irritation. **EYE:** irritant. **ORAL:** Practically non-toxic if swallowed.

MAGNESIUM ALKYLARYL DETERGENT: (Component) NO data available for all routes of exposure. Possible skin and eye irritation with contact.

ALKYL DIPHENYLAMINE: (Component) No data available for inhalation or eye contact. **SKIN:** Possible allergic reaction. **ORAL:** Toxic if swallowed. May cause loss of appetite, diarrhea, & death.

POLYBUTENE: (Component) No significant effects by inhalation, skin absorption, or eye contact. **ORAL:** Practically non-toxic if swallowed

12. ECOLOGICAL INFORMATION

ECOTOXICITY: No data available.

13. DISPOSAL INFORMATION

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.

14. TRANSPORTATION INFORMATION

DOT

PROPER SHIPPING NAME Petroleum Lubricating Oil
HAZARD CLASS: Not regulated
ID NUMBER: Not regulated
LABEL REQUIRED: Not regulated
IMDG PROPER SHIPPING NAME: N.D.
IATA PROPER SHIPPING NAME: N.D.

15. REGULATORY INFORMATION

TSCA: This product or all components of this product are listed on the U.S. TSCA inventory.

SARA 302 THRESHOLD PLANNING QUANTITY N/A
SARA 304 REPORTABLE QUANTITY N/A
SARA 311 CATEGORIES: Health Immediate (Acute) No
Health Delayed (Chronic) No
Physical Fire No
Physical Sudden Release of Pressure No
Physical Reactive No

When a product and/or component are listed below, the regulatory list on which it appears is indicated.

ZINC DIALKYL DITHIOPHOSPHATE – NJ 01

01=SARA 313 02= SARA 302/304 03=IARC CARCINOGEN
04=OSHA CARCINOGEN 05=ACGIH CARCINOGEN 06=NTP CARCINOGEN
07=CERCLA 302.4 08=WHMIS CONTROLLED PROD.
10=OTHER CARCINOGEN
PA=PA RTK NJ=NEW JERSEY RTK CA=CALIFORNIA PROP 65
MA=MASS. RTK MI=MICHIGAN 406 MN=MINNESOTA RTK
FL=FLORIDA RI=RHODE ISLAND IL=ILLINOIS
NY=NEW YORK WV=WEST VIRGINIA CT=CONNECTICUT
LA=LOUISIANA ME=MAINE OH=OHIO

16. OTHER INFORMATION

Caution! Prolonged or repeated contact with used motor oil may be harmful to skin and could cause skin cancer. Promptly wash affected area with soap and water. WHMIS Classification: Not Controlled

**SCOT LUBRICANTS OF PA, INC.
1801 E. TREMONT STREET
P.O. BOX 326
ALLENTOWN, PA 18105
610-433-2527**

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