

MATERIAL SAFETY DATA SHEET

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Bar & Chain

Product Code:

Chemical Name: Way 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			5		5		MG/M3
HYDROCARBON BASE OIL		95%					
ZINC DITHIOPHOSPHATE		5%					
ADDITIVE MIXTURE CONTAINING COMPOUNDS OF CA, MG, ZN, S, P, N							5 MG/M3

3. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

MAY CAUSE MINOR SKIN IRRITATION

APPEARANCE: DARK AMBER FLUID

ODOR: LUBE OIL 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: 4/22/07

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: If more than a half-cup is ingested give quantities of water, induce vomiting, and obtain medical attention.

5. FIRE FIGHTING MEASURES

FLASHPOINT (METHOD): 374°F Minimum COC; 190°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 IIIIB 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

APPEARANCE/ODOR: AMBER FLUID/SLIGHT ODOR. **BOILING POINT:** HIGH
VAPOR PRESSURE: NIL (MM HG @ 20°C) **MELTING POINT:** N/A
MOLECULAR WEIGHT: N/A (G/MOLE) **PACKING DENSITY:** N/A
SOLUBILITY IN WATER: NIL (% BY VOLUME) **OCTANOL/WATER COEFF:** N.D.
EVAPORATION RATE: 1000X SLOWER (ETHYL ETHER=1) **ODOR THRESHOLD:** N.D.
SPECIFIC GRAVITY: 0.910 (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.

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.

Revision: 4/22/07 NA=Not Applicable ND=No Data NE=Not Established

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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