

# MATERIAL SAFETY DATA SHEET

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** LW 46

**Product Code:**

**Chemical Name:** Wet Displacement Stock

**Chemical Family:**

**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 everyday

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

EXPOSURE GUIDELINES LIMITS FOR THE PRODUCT	ACGIH TLV	ACGIH STEL	OSHA PEL	UNIT
	5	5	5	MG/M3

## 3. HAZARD IDENTIFICATION

**EMERGENCY OVERVIEW:**

**APPEARANCE:** VARIABLE

**ODOR:** CHARACTERISTIC

**POTENTIAL HEALTH EFFECTS:**

**INHALATION:** MAY CAUSE RESPIRATORY IRRITATION

**INGESTION:** PRACTICALLY NON-TOXIC.

**EYE CONTACT:** MINOR EYE IRRITANT.

**SKIN CONTACT:** 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

**HAZARD RATING**

0= LEAST 1=SLIGHT

2=MODERATE 3=HIGH

4=EXTREME

## 4. FIRST AID MEASURES

**INHALATION:** Move to fresh air. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.

**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. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency.

**INGESTION:** First aid is normally not required.

**Revision:** 04/30/2007

NA=Not Applicable

ND=No Data

NE=Not Established

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## 5. FIRE FIGHTING MEASURES

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**FLASHPOINT (METHOD):** >93°C (200°F) [ASTM D-92]

**FLAMMABLE LIMITS** (Approximate volume % in air): LEL: 0.9 UEL: 7.0

**AUTO-IGNITION TEMP:** N/D

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

**EXTINGUISHING MEDIA:** Use water fog, foam, dry chemical or carbon dioxide (CO<sub>2</sub>) to extinguish flames.

**FIRE FIGHTING INSTRUCTIONS:** Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire-exposed surfaces and to protect personnel.

**HAZARDOUS COMBUSTION PRODUCTS:** Aldehydes, Oxides of carbon, Smoke, Fume, Sulfur oxides, Incomplete combustion products.

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## 6. ACCIDENTAL RELEASE MEASURES

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**SPILLS or LEAKS:** Stop leak if you can do it without risk. Recover by pumping or with suitable absorbent. Prevent entry into waterways, sewers, basements or confined areas. Large spills: Dike far ahead of liquid spill for later recovery and disposal. Advise EPA, state agency if required.

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## 7. HANDLING AND STORAGE

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Prevent small spills and leakage to avoid slip hazard; do not store in open or unlabelled containers.

**This material is a static accumulator.**

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**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. No skin protection is ordinarily required under normal conditions of use.

**RESPIRATORY:** Normal adequate ventilation.

**OTHER:** Wash hands after contact, before eating, etc. Wash contaminated clothing before wearing again, discarding clothing and footwear that cannot be cleaned.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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**APPEARANCE/ODOR:** VARIABLE/CHARACTERISTIC  
**VAPOR PRESSURE:** <0.013 kPa (0.1 mm Hg) at 20°C  
**SOLUBILITY IN WATER:** Negligible )  
**EVAPORATION RATE:** (n-butyl acetate = 1): N/D  
**VAPOR DENSITY:** (AIR =1): >2 at 101 kPa  
**VISCOSITY:** >20 cSt (20 mm<sup>2</sup>/sec) at 40°C

**BOILING POINT:** N/D  
**MELTING POINT:** N/A  
**OCTANOL/WATER COEFF:** >3.5  
**ODOR THRESHOLD:** N/D.  
**FREEZING POINT:** N/D

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**10. STABILITY AND REACTIVITY**

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**STABILITY:** Stable under normal conditions.

**INCOMPATIBLE MATERIALS:** Avoid strong oxidizers

**HAZARDOUS POLYMERIZATION:** Will not occur.

**HAZARDOUS DECOMPOSITION:** Does not decompose at ambient temperatures.

**CONDITIONS TO AVOID:** Excessive heat. High energy sources of ignition.

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**11. TOXICOLOGICAL INFORMATION**

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**FOR THE PRODUCT –**

**INHALATION:** Low acute toxicity. **SKIN:** Minimal irritation. **EYE:** Mildly irritating on contact. **ORAL:** Practically non-toxic

**CONTAINS:** Base oil severely refined. Dermal and inhalation studies show minimal effect.

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**12. ECOLOGICAL INFORMATION**

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**ECOTOXICITY:** Not determined.

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**13. DISPOSAL INFORMATION**

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**EMPTY CONTAINER WARNING:** Empty containers may retain residue and can be dangerous. **DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.** Do not attempt to refill or clean container since residue is difficult to remove. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

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**14. TRANSPORTATION INFORMATION**


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**DOT PROPER SHIPPING NAME** Wet Displacement Stock

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

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**15. REGULATORY INFORMATION**


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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 is listed below, the regulatory list on which it appears is indicated.

<u>Chemical Name</u>	<u>List Citations</u>
ZINC	13,17,18,19
PHOSPHOROUS	4
SULFUR	17, 18, 19

1 = ACGIH ALL	6 = TSCA 5a2	11 = CA P65 REPRO	16 = MN RTK
2 = ACGIH A1	7 = TSCA 5e	12 = CA RTK	17 = NJ RTK
3 = ACGIH A2	8 = TSCA 6	13 = IL RTK	18 = PA RTK
4 = OSHA Z	9 = TSCA 12b	14 = LA RTK	19 = RI RTK
5 = TSCA 4	10 = CA P65 CARC	15 = MI 293	

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**16. OTHER INFORMATION**


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

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