

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** RHT BASE OILS  
**Product Code:** Prefix 08  
**Chemical Name:** Petroleum oil; Lube oil; Petroleum Hydrocarbon  
**Chemical Family:** Blend  
**Supplier:** Scot Lubricants  
 1801 E. Tremont Street  
 P.O. Box 326  
 Allentown, PA 18105

**Emergency Telephone Numbers**  
 Information: 610-433-2527 8am-5pm EST M-F  
 Emergency Phone: 800-876-7268 24 hrs every day

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

NAME	SYNONYM	OSHA PEL**		ACGIH TLV @		LD	LC
		TWA	STEL	TWA	STEL		
		mg/m <sup>3</sup>		mg/m <sup>3</sup>	mg/m <sup>3</sup>		
Lubricating oils, petroleum hydro treated spent	Hydro treated paraffinic base oil	5	N.Av.	5	10	>2000	N.Av.
Residual oils (petroleum) solvent dewaxed	Bright Stock	5	N.Av.	5	10	>5000	2.18
Residual oils (petroleum) hydro treated	Bright Stock	5	N.Av.	5	10	22	N.Av.
Lubricating oils, petroleum C>25, hydro treated bright stock	Bright Stock	5	N.Av.	5	10	>5000	N.Av.
Residual oils (petroleum) solvent refined	Bright Stock	5	N.Av.	5	10	>5000	2.18
Petroleum distillates solvent-refined heavy paraffinic	Bright Stock	5	N.Av.	5	10	>5000	2.18

**3. HAZARD IDENTIFICATION**

**EMERGENCY OVERVIEW:**

**APPEARANCE:** Amber liquid **ODOR:** Petroleum Odor  
**PHYSICAL HAZARDS:** Will burn at high temperatures  
**POTENTIAL HEALTH EFFECTS:**  
**INHALATION:** May cause respiratory tract irritation  
**INGESTION:** May cause throat irritation, nausea, vomiting, and diarrhea  
**EYE CONTACT:** May cause eye irritation  
**SKIN CONTACT:** May cause irritation  
**SKIN ABSORPTION:** Not likely to be absorbed in harmful amounts

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

NFPA/HMIS CLASSIFICATION	HAZARD RATING
HEALTH – 1/1	0=LEAST 1=SLIGHT
FLAMMABILITY – 1/1	2=MODERATE 3=HIGH
REACTIVITY – 0/0	4=EXTREME

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#### 4. FIRST AID MEASURES

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**INHALATION:** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**EYE CONTACT:** Move to fresh air. Flush with water for at least 15 minutes. Get medical assistance.

**SKIN CONTACT:** Remove affected clothing and shoes. Wash skin thoroughly with soap and water. Get medical attention if irritation or pain persists. If product is injected under pressure into or under the skin, a physician should immediately evaluate the individual as a medical emergency. Wash clothing before reuse.

**INGESTION; DO NOT** induce vomiting; call a physician immediately. If spontaneous vomiting occurs, keep head below hips to avoid breathing product into the lungs. Breathing product into the lungs during ingestion or vomiting may cause lung injury and possible death.

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#### 5. FIREFIGHTING MEASURES

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**FLASHPOINT (METHOD):** 329°F (165°C) (minimum)

**FLAMMABLE LIMITS IN AIR:** Not established.

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

**EXTINGUISHING MEDIA:** Use dry chemical, regular foam, carbon dioxide, or water spray. Water or foam may cause frothing.

**FIRE FIGHTING INSTRUCTIONS:** Keep storage containers cool with water spray

**FIRE FIGHTING EQUIPMENT:** A positive-pressure, self-contained breathing apparatus (SCBA), and full-body protective equipment is required for fire emergencies.

**DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS:** Decomposition and combustion materials may be toxic; burning may produce sulfur oxides, aldehydes, ketones, carbon monoxide and unidentified organic compounds.

**CONDITIONS OF FLAMMABILITY:** Sparks, or flame. Product may burn, but does not ignite readily.

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#### 6. ACCIDENTAL RELEASE MEASURES

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**SPILLS OR LEAKS:** Remove all ignition sources. Do not touch or walk through spilled product. Stop leak if you can do it without risk. Wear protective clothing. Isolate hazard area. Ventilate area and avoid breathing vapor or mist. Contain spill away from surface water or sewers. Contain spill as a liquid for possible recovery, or sorb with compatible sorbent material and shovel with clean, spark proof tool into a sealable container for disposal.

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#### 7. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**VENTILATION:** Use local exhaust to capture vapor, mists, or fumes if necessary. Provide ventilation sufficient to prevent exceeding exposure limit.

**EYE:** Use safety glasses; contact lens use is not recommended.

**RESPIRATORY:** Use supplied-air respiratory protection in confined or enclosed spaces, if needed.

**SKIN:** Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact. Use of natural rubber or equivalent gloves is not recommended. If product is heated, wear heat-resistant gloves, boots, and other protective clothing.

**OTHER:** Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating clothing, which could result in prolonged or repeated skin contact. Minimize breathing of vapor, mist or fumes. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry clean before reuse. Remove contaminated shoes and thoroughly clean before reuse; discard if oil soaked. Clean skin thoroughly after contact, before eating, drinking, or using tobacco products.

## 8. HANDLING AND STORAGE

**SHIPPING AND STORING:** Keep container tightly closed when not in use and during transport. Store containers in a cool, dry place. Do not pressurize, cut, weld, braze, solder, drill, or grind containers. Keep containers away from flame, sparks, static electricity, or other sources of ignition. Empty product containers may retain product residue and can be dangerous.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE/ODOR:</b> Amber liquid, petroleum odor	<b>AUTOIGNITION POINT:</b> N/A
<b>BOILING POINT:</b> 265°F (129.5°C) (minimum)	<b>SOLUBILITY IN WATER:</b> Insoluble
<b>SPECIFIC GRAVITY:</b> 0:87 (Water=1)	<b>VAPOR DENSITY:</b> N/A
<b>DENSITY:</b> 7.3 lb/gal	<b>FLASH POINT:</b> 329°F (165°C)
<b>VAPOR PRESSURE:</b> Less than 0.1 mm Hg at 68°F (20°C)	<b>EVAPORATION POINT:</b> N/A

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under normal temperatures and pressures. Avoid sparks or flames.

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

**HAZARDOUS POLYMERIZATION:** Will not occur under normal temperature and pressures. Not reactive with water.

**HAZARDOUS DECOMPOSITION:** None under normal temperatures and pressures.

## 11. TRANSPORTATION INFORMATION

<b>DOT:</b>	<b>Shipping Name:</b> Not regulated
<b>TDG:</b>	<b>Shipping Name:</b> Not regulated

## 12. REGULATORY INFORMATION

**TSCA:** All the components of this product are listed on, or are exempted from the requirement to be listed, on the TSCA Inventory.

SARA 302 THRESHOLD PLANNING QUANTITY	N/A		
SARA 304 REPORTABLE QUANTITY	N/A		
SARA 311/312 REPORTING	Health	Immediate (Acute) Health Hazard	Yes
	Health	Delayed (Chronic) Health Hazard	Yes
	Physical	Fire – will burn at high temperatures	Yes
	Physical	Reactive	No

## 13. OTHER INFORMATION

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

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