

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: 220 Process Oil

Product Code: 311247-01247

Chemical Name:

Product Category: Petroleum Lubricating Oil Base Stock

Manufacturer: Scot Lubricants of PA, Inc.
1801 E. Tremont Street

Emergency Telephone Numbers:

Information: 610-433-2527 8am-5pm EST M-

F

P.O. Box 326
Allentown, PA 18105

CHEMTREC: 800-424-9300 24 hrs everyday

2. COMPOSITION/INFORMATION ON INGREDIENTS

EXPOSURE GUIDELINES Component/CAS Number	LO%	HI%	OSHA		ACGIH		UNIT
			TWA	STEL	TWA	STEL	
LIMITS FOR THE PRODUCT			5		5		MG/M3
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC 64742-54-7		100.					
DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC 64742-65-0							
OTHER LIMIT – OIL MIST:			OSHA/5MG/M3		ACGIH STEL/10M/M3		

3. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE: CLEAR LIQUID, LIGHT ORANGE COLOR

ODOR: MILD, BLAND PETROLEUM ODOR

POTENTIAL HEALTH EFFECTS:

INHALATION: NO EFFECTS EXPECTED.

INGESTION: CALL PHYSICIAN IMMEDIATELY

EYE CONTACT: CONTACT WITH THE EYE MAY CAUSE MILD IRRITATION.

SKIN CONTACT: IF INJECTED IN OR UNDER SKIN, SHOULD BE TREATED AS SURGICAL EMERGENCY

OTHERWISE, REMOVE CONTAMINATED CLOTHING AND WASH WITH SOAP AND WASTER

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

NFPA/HMIS CLASSIFICATION

HEALTH – 1

FLAMMABILITY – 1

REACTIVITY – 0

HAZARD RATING

0= LEAST 1=SLIGHT

2=MODERATE 3=HIGH

4=EXTREME

4. FIRST AID MEASURES

INHALATION: If overcome by vapor, move to fresh air and call physician. If breathing is irregular or has stopped, start resuscitation; administer oxygen if available.

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. Dry clean or launder clothing before reuse. If product is injected in or under skin or any part of body, regardless of the appearance of the wound, or its size, the individual should be evaluated immediately as a surgical emergency. Even though initial symptoms from high-pressure injection may be minimal, or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

INGESTION: If ingested, DO NOT induce vomiting; call a physician immediately.

5. FIRE FIGHTING MEASURES

FLASHPOINT (METHOD): 430°F Minimum COC; 221°C Minimum COC

FLAMMABLE LIMITS: NFPA/HMIS Classified - 1

AUTOIGNITION TEMP: 500°F Estimated; 260°C Estimated

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

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

6. ACCIDENTAL RELEASE MEASURES

SPILLS OR LEAKS: Recover free product. Add sand, earth, or other suitable absorbent to spill area. Minimize skin contact. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas. Assure conformity with applicable governmental regulations.

7. HANDLING AND STORAGE

NFPA Class IIIB Storage. Wash thoroughly after handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Ventilate as needed to comply with exposure limit, sufficient to prevent buildup of explosive concentrations of vapor in air. No smoking, flame, or other ignition sources.

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

OTHER: If contact is unavoidable, wear chemical resistant apron or other impervious clothing, to avoid contaminating regular clothing, which could prolong skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/ODOR: AMBER FLUID/MILD PETROLEUM .

VAPOR PRESSURE: <0.0001 (MM HG @ 20°C)

SOLUBILITY IN WATER: LESS THAN 0.01

EVAPORATION RATE: LESS THAN 0.01

SPECIFIC GRAVITY: 0.88 (WATER=1)

BOILING POINT: 316°C 600°F

MELTING POINT: -9°C 15°F

MOLECULAR WEIGHT: N/D

VAPOR DENSITY: 5+ (AIR =1)

VISCOSITY: 330 SUS @ 100°F

10. STABILITY AND REACTIVITY

This product is stable and will not react violently with water. Hazardous polymerization will not occur. Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite, calcium hypochlorite, etc.

11. FIRE AND EXPLOSION HAZARD INFORMATION

HANDLING PRECAUTIONS: Use product with caution around heat, sparks, pilot lights, static electricity, and open flame.

“EMPTY” CONTAINER WARNING: “Empty” containers retain residue (liquid and/or vapor) and can be dangerous. Do not **PRESSURIZE, CUT, WELD, BRAZE, 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 clean, since residue is difficult to remove. “Empty” drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. For work on tanks, refer to OSHA regulations, ANSI Z49.1. and other governmental and industrial references pertaining to cleaning, repairing, welding, or other contemplated operations.

EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES:

Use water spray, dry chemical, foam or carbon dioxide to extinguish fire. Use water to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse vapors and to provide protection for men attempting to stop a leak. Water spray may be used to flush spills away from exposures. Minimize breathing of gases, vapor, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS:

Fumes, smoke, carbon monoxide, aldehydes and other decomposition products in the case of incomplete combustion.

12. ENVIRONMENTAL INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:-

Recover free product. Add sand, earth, or other suitable absorbent to spill area. Minimize skin contact. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas. Assure conformity with applicable governmental regulations.

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.

14. 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

16. 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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