

# MATERIAL SAFETY DATA SHEET from STEARNS PACKAGING CORPORATION

## SECTION I—PRODUCT/MANUFACTURER'S IDENTITY

### IDENTITY (As Used On Label and List):

#### Two Cycle Engine Oil

**SYNONYMS:** 24:1 ST-435 40:1 ST-437  
32:1 ST-436 50:1 ST-438

**FORMULA ID NUMBER:** PC-10

**EPA REG #:** None

**USDA ACCEPTANCE DATE/CATEGORY CODE:** None

**COMPANY:** STEARNS PACKAGING CORPORATION  
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NFPA RATING	
1	Flammability
0	Health
0	Reactivity
None	Special Hazard

4 = Extreme  
3 = High  
2 = Moderate  
1 = Slight  
0 = Insignificant

**For Transportation Emergency Involving Hazardous Materials Contact: CHEM-TEL 1 (800) 255-3924**

**Shipping Information:**  
**DOT SHIPPING NAME:** Consumer Commodity, ORM-D  
**DOT SHIPPING NUMBER:** None  
**HAZARD LABEL:** ORM-D  
**HAZARD CLASS:** ORM-D

## SECTION II—HAZARDOUS INGREDIENTS OR IDENTITY INFORMATION

### HAZARDOUS CHEMICAL IDENTITY &

<u>CAS#</u>	<u>HAZARD</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS</u>	<u>% (OPTIONAL)</u>
? Refined petroleum oil(s) 64741-88-4, 64742-01-4	Oral LD <sub>50</sub> (rat): >15 g/kg Eye: Practically non-irritating Skin: Practically non-irritating				65-80
? HPO 30 Mixture	Ihln LC <sub>50</sub> /4H(rat): >5,000 mg/m <sup>3</sup> Eye: Mild irritant Skin: Mild irritant				<15
? Ashless dispersant and anti-oxidant Mixture	Eye: Mild irritant Skin: Mild irritant				<12
? Dye Mixture	Oral LD <sub>50</sub> (rat): 12.6 g/kg Skin LD <sub>50</sub> (rabbit): 10.2 g/kg				<0.1

SARA SECTION 313 TITLE III NOTIFICATION REQUIRED: No; CHEMICAL IN PRODUCT: None; CAS#: N/A; WEIGHT % OF CHEM: N/A

## SECTION III—PHYSICAL/CHEMICAL CHARACTERISTICS

<b>BOILING POINT:</b>	>149 (>300)	<b>VAPOR PRESSURE (mm Hg):</b>	<20
<b>GRAVITY:</b>	28.0	<b>VAPOR DENSITY (AIR=1):</b>	>1
<b>MELTING POINT °C(°F):</b>	N/A	<b>EVAPORATION RATE:</b>	<1
<b>SOLUBILITY IN WATER:</b>	Negligible	<b>pH (CONCENTRATE):</b>	Not Determined
<b>APPEARANCE AND ODOR:</b>	Blue liquid, slight odor of petroleum distillate	<b>pH (1% SOLUTION):</b>	Not Determined
<b>VISCOSITY @100°C:</b>	7.859	<b>PERCENT VOLATILE:</b>	15-25

## SECTION IV—FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT (METHOD USED):</b>	148°C (298°F)
<b>EXTINGUISHING MEDIA:</b>	CO <sub>2</sub> , dry chemical, foam, water fog
<b>FLAMMABLE LIMITS:</b>	LEL: Not Applicable UEL: Not Applicable
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	None
<b>FIRE &amp; EXPLOSION HAZARDS:</b>	None

## SECTION V—REACTIVITY DATA

<b>STABILITY:</b>	Stable
<b>INCOMPATIBILITY (MATERIALS TO AVOID):</b>	Strong oxidants
<b>HAZARDOUS DECOMPOSITION OR BYPRODUCTS:</b>	CO <sub>2</sub> , (CO under incomplete combustion)
<b>CONDITIONS TO AVOID:</b>	None
<b>HAZARDOUS POLYMERIZATION:</b>	None

## SECTION VI—HEALTH HAZARD DATA/FIRST AID PROCEDURES

**HEALTH HAZARDS (ACUTE AND CHRONIC):** Prolonged and/or frequent dermal contact may cause drying, cracking (dermatitis) or folliculitis. Repeated, excessive exposure to mists or fumes may induce pulmonary irritation or chronic bronchitis..

**CARCINOGENICITY:** NTP: No  
IARC Monographs: No  
OSHA Regulated: No

**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** **Skin:** Mild irritant. **Eyes:** Mildly irritating. **Ingestion:** On ingestion of large quantities, slight GI discomfort, diarrhea, and headache may occur. Small doses may produce irritation and diarrhea. **Inhalation:** Low risk of inhalation. In enclosed spaces or when hot, vapors may reach concentrations sufficient to cause drowsiness, dizziness, headache, nausea, or lung irritation. Mists above TLV may cause chemical pneumonitis.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Prolonged and/or frequent dermal contact may cause drying, cracking (dermatitis) or folliculitis. Repeated, excessive exposure to mists or fumes may induce pulmonary irritation or chronic bronchitis..

### EMERGENCY AND FIRST AID PROCEDURES:

**Eyes:** If contact with eyes occurs, flush with large volumes of water. If any complications arise, consult a physician.  
**Skin:** Wash with soap and water. Do not wear heavily contaminated clothing before laundering.  
**Inhalation:** Remove to fresh air. Respiratory support, if necessary. Seek medical aid.  
**Ingestion:** **DO NOT** induce vomiting.  
**Note to Physician:** No specific antidote. Use supportive care. Treatment should be based on the judgment of the physician in response to the reactions of the patient.

## SECTION VII—PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Remove sources of heat or ignition, provide adequate ventilation, contain leak. Report spills as required to appropriate authorities.

**WASTE DISPOSAL METHOD:** Waste disposal must be done in accordance with all local, city or municipality, county, state, and federal regulations. Consult your state department of natural resources or the EPA for specific questions not answerable through other sources. Wastewater should never enter a fresh water body without treatment. RCRA Emergency Hotline Number: 800-424-9346

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry, well-ventilated area. Do not apply heat or flame to container. Keep separate from strong oxidizing agents.

**OTHER PRECAUTIONS:** Ventilation: **Danger!** Harmful or fatal if swallowed. **Combustible!** Keep away from heat and flame. Use only in well-ventilated locations. Avoid prolonged breathing of mist or vapor. Avoid prolonged or repeated contact with skin. Keep head away from container when opening or dispensing. CONTAINS PETROLEUM DISTILLATES - ALWAYS KEEP PRODUCT OUT OF THE REACH OF CHILDREN.

## SECTION VIII—OTHER REGULATORY INFORMATION

SARA Section 313 – Toxic Chemicals: This product does not contain toxic chemicals under SARA Section 313 and 40 CFR Part 372.

U.S. TSCA Inventory: All components of this material are on the U.S. TSCA Inventory or are not required to be listed on the U.S. TSCA Inventory.

## SECTION IX—CONTROL MEASURES

**RESPIRATORY PROTECTION:** Normally none required. If high vapor or mist concentrations expected, use respirator approved for organic vapors or mists.

**VENTILATION:** Local Exhaust: N.A.  
Mechanical (General): N.A.

**SKIN PROTECTION:** Oil impervious gloves if frequent of prolonged contact is expected. Wear body-covering work clothes to avoid prolonged or repeated exposure. Launder spoiled work clothes before reuse.

**EYE PROTECTION:** Safety goggles, or chemical splash goggles if splashing is anticipated.

**WORK/HYGIENIC PRACTICES:** As good hygiene dictates.

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