



# SAFETY DATA SHEET

## 2 Stroke Injector Oil

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** 2 Stroke Injector Oil

**SUPPLIER:** Commercial Oil Company

P (905) 560-3244

F (905) 560-2961

35 Burford Road

Hamilton, Ontario

L8E 3C6

**WHMIS:** Controlled - Class B, Division B-Combustible Liquids

PIN Number: UN 1255

Packing Group II1

Primary TDG: Class 3.3

Product and MSDS Information: 1-800-463-1976

### SECTION 2. HAZARDS IDENTIFICATION

**INHALATION:** High vapour concentrations are irritating to the eyes, nose, throat and lungs; may cause headaches and dizziness; may be anesthetic and may cause other central nervous system effects. Avoid breathing vapours or mists.

**EYE CONTACT:** Slightly irritating but will not injure eye tissue.

**SKIN CONTACT:** Low Toxicity. Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).

**INGESTION:** Minimal Toxicity. Small amounts of this liquid drawn into the lungs from swallowing or vomiting may cause severe health effects (e.g. bronchopneumonia or pulmonary edema)

**CHRONIC:** Prolonged and repeated exposures of male rats to inhalation of light hydrocarbon vapours in the same boiling range as this material produced kidney disorders and/or damage. These effects were not observed in similar studies with female rats and male and female mice and in limited studies with other animal species and are believed to be unique to the male rat. A number of human studies have not shown clinical evidence of an association between light hydrocarbons exposure and disease. It is highly unlikely that the kidney effects observed in male rats have significant implications for humans exposed at or below the occupational exposure limits.

**OCCUPATIONAL EXPOSURE LIMITS:** ACGIH Recommends: For Trimethylbenzene, 25ppm (125mg/m<sup>3</sup>)

Manufacturer recommends: 100 ppm based on composition.



### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hydrocarbon mixture with aliphatic hydrocarbons and additives.

The following components are defined in accordance with sub-paragraph 13(a) (i) to (iv) or paragraph 14(a) of the Hazardous Products Act:

**% Hazardous Ingredients**

Light distillate-Hydro treated: 30%

Controlled under WHMIS

**UN/CAS #**

64742-47-8

**LD 50-Oral (Rats)**

>5-g/kg oral rat

>3 g/kg skin rabbit

## SECTION 4. FIRST AID MEASURES

**INHALATION:** Remove victim to fresh air. Provide CPR and oxygen, if necessary.

**EYE CONTACT:** Flush eyes with water for 15 minutes. Seek medical advice if irritation develops.

**SKIN CONTACT:** Wash with plenty of soap and water. Seek medical advice if irritation develops. Remove contaminated clothing (including shoes) and launder before reuse. If irritation persists, seek medical attention.

**INGESTION:** If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention

## SECTION 5. FIRE-FIGHTING MEASURES

**Flashpoint and method:** 70 deg C TCC

**Auto ignition:** NA **Flammable Limits:** LEL NA

**GENERAL HAZARDS:** Combustible Liquid; may form combustible mixtures at or above the flash point. Toxic gases will form upon combustion.

**FIRE FIGHTING:** Use water spray to cool fire exposed surfaces and as a protective screen.

**HAZARDOUS COMBUSTIBLE PRODUCTS:** Fumes, smoke and carbon monoxide

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**NOTIFICATION PROCEDURES:** Report spills as required to appropriate Provincial and Federal authorities. In particular, immediate reporting is required for all spills that could reach any waterway, including wetlands and intermittent dry creeks.

**LAND SPILL:** Eliminate source of ignition. Keep public away. Prevent additional discharge of material; if possible do so without hazard. Prevent spills from entering sewer watercourses or low areas. Contain spilled liquid with sand or earth. Recover by pumping or using a suitable absorbent. Consult an expert on disposal of recovered material. Ensure disposal in compliance with government requirements and ensure conformity to local disposal regulations. Notify the appropriate authorities immediately. Take all additional action necessary to prevent and remedy the adverse affects of the spill.

**WATER SPILL:** Remove from surface by skimming or with suitable absorbents. If allowed by local authorities and environmental agencies, sinking and/or suitable dispersants may be used in unconfined waters. Consult an expert on disposal of recovered material. Ensure disposal in compliance with government requirements and ensure conformity to local disposal regulations. Notify the appropriate authorities immediately. Take all action necessary to prevent and remedy the adverse affects of the spill.

**PERSONAL PRECAUTIONS:** See Section 8

## SECTION 7. HANDLING AND STORAGE

**HANDLING STORAGE AND SHIPPING:** Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**PERSONAL PROTECTION:** The selection of personal protective equipment varies depending upon conditions of use. Where prolonged and/or repeated skin and eye contact is likely to occur, wear safety glasses with side shields, long sleeves, and chemical resistant gloves. Where eye contact is unlikely, but may occur as a result of short and/or periodic exposures, wear safety glasses with side shields. Where concentrations in air may exceed the occupational exposure limits given in Section 4 and where engineering, work practices or other means of exposure reduction are not adequate, approved respirators may be necessary to prevent overexposure by inhalation.

**SKIN PROTECTION:** Wear gloves when handling.

**EXPOSURE LIMITS:** Use with adequate ventilation and keep airborne concentrations within the recommended limits.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid  
**Viscosity:** 40-50 cST at 40°C

**Freezing/Melting Point:** <-40°C  
**Appearance:** Blue

## SECTION 10. STABILITY AND REACTIVITY

**STABILITY:** Warning. Do not mix this product with nitrites or nitro sating agents because nitrosamines may be formed, which may cause cancer.

**INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:** Strong oxidizing agents, acids, halogenated organic solvents

**HAZARDOUS DECOMPOSITION:** Decomposition products are highly dependent on the combustion conditions.

Significant concentrations of hazardous decomposition products are not expected..

## SECTION 11. TOXICOLOGICAL DATA

### ORAL TOXICITY

Low acute toxicity. Distillates (petroleum), hydro treated heavy naphthenic: Oral: LD50 (rat)

### DERMAL TOXICITY

Repeated exposure may cause skin dryness or cracking.

### INHALATION TOXICITY

Negligible hazard at normal temperatures (up to 38 deg C). Elevated temperatures or mechanical action may form vapours, mists or fumes, which may be irritating to the eyes, nose, throat and lungs. Avoid breathing vapours or mists.

### EYE IRRITATION

Slightly irritating but will not injure eye tissue

### SKIN IRRITATION

Practically non-irritating. (Primary Irritation index: greater than 0.5 but less than 3). Based on testing of similar products and/or the components.

## SECTION 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL FATE AND EFFECTS:** Dangerous for the environment if discharged into watercourses.

## SECTION 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** The product is suitable for processing by an approved recycling facility or can be disposed of at an appropriate government waste disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

## SECTION 14. TRANSPORT INFORMATION

**PRODUCT LABEL ...** 2 Stroke Injector Oil

**SHIPPING NAME.....**Not Regulated by DOT

## SECTION 15. REGULATORY INFORMATION

No information available.

## SECTION 16. PREPARATION

**USE:** Lubricant

COMMERCIAL OIL COMPANY  
Hamilton, Ontario

**Date:** October 3, 2018  
**Prepared by:** Operations