



# SAFETY DATA SHEET

## Cutting Oil

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Cutting Oil

**WHMIS:** Not a controlled product

**SUPPLIER:** Commercial Oil Company

P (905) 560-3244

F (905) 560-2961

35 Burford Road

Hamilton, Ontario

L8E 3C6

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

### SECTION 2. HAZARDS IDENTIFICATION

**INHALATION:** 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. Under good industrial hygiene practices where all exposure limits are observed, respiratory irritation should not be a problem. Exposure to hydrogen sulphide can cause temporary loss of the sense of smell. Inhalation of high concentrations of hydrogen sulphide vapour may cause loss of consciousness and death.

**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:** Low Toxicity

**OCCUPATIONAL EXPOSURE LIMITS:** For oil mists, 5 mg/m<sup>3</sup> recommended based on the ACGIH TLV

The ACGIH TLV-TWA for hydrogen sulphide is 10 ppm, the ACGIH 15 minute STEL is 15ppm

#### HAZARD RATING

Health: 1

Fire: 1

Reactivity: 0

#### HAZARD RATING SCALE

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

An oil; a mixture of hydrocarbons, trace amounts of aromatic 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:

**Hydrogen Sulphide CAS No. 7783-06-4    ACGIH-TLV-TWA 10.00 ppm    STEL 15.00 ppm**

Caution-Container vapour space may contain hydrogen sulphide. May cause respiratory irritation.

### SECTION 4. FIRST AID MEASURES

**INHALATION:** Vapour pressure of this material is low and as such inhalation under normal conditions is usually not a problem. If over exposed to oil mist, remove from further exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Call for prompt medical attention.

**EYE CONTACT:** Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

**SKIN CONTACT:** Flush with large amounts of water. Use soap if it is available. Remove severely 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:** 144 deg C COC D92

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

**GENERAL HAZARDS:** Low hazard; liquids may burn upon heating to temperatures at or above the flash point. Decomposes; flammable/toxic gases will form at elevated temperatures (thermal decomposition). Toxic gases will form upon combustion.

**FIRE FIGHTING:** Use water spray to cool fire-exposed surfaces and to protect personnel. Shut off fuel to fire. Use foam, dry chemical or water spray to extinguish fire. Respiratory and eye protection required for fire fighting personnel. Avoid spraying water directly into storage containers due to danger of boil over. A self-contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires. For small outdoor fires, which may easily be extinguished with a portable fire extinguisher, use of an SCBA may not be required.

**HAZARDOUS COMBUSTIBLE PRODUCTS:** Smoke, carbon monoxide and dioxide and traces of oxides of sulphur

Empty product containers may contain product residue. Do not pressurize, cut, heat, weld, or expose containers to flame or other sources of ignition.

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

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

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid  
Viscosity: 20 cSt at 40°C  
Density, kg/m<sup>3</sup>: 850 @ 15°C

Evaporation Rate: <1 (1=n-butyl acetate)  
Pour Point: -30°C  
Appearance: Dark liquid (ASTM) >5.0

## SECTION 10. STABILITY AND REACTIVITY

**STABILITY:** This product is stable. Hazardous polymerization will not occur.

**INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:** Strong oxidizing agents.

**HAZARDOUS DECOMPOSITION:** Fumes, smoke, carbon monoxide, sulphur oxides if incomplete combustion.

## SECTION 11. TOXICOLOGICAL DATA

### ORAL TOXICITY

Low acute toxicity.

### 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:** No information available.

## 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 ...** Cutting 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:** Feb. 5, 2016  
**Prepared by:** Operations

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