

**MATERIAL SAFETY DATA SHEET****NAME OF PRODUCT: FormCut 6060**

Date Printed:06/08/09

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Revision Date:01/19/10

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** FormCut 6060  
**SYNONYMS:** Petroleum Cutting Oil  
**PRODUCT CODES:** FM604111

**MANUFACTURER:**  
**ADDRESS:**

**Eastern Oil Company**

590 South Paddock  
Pontiac, MI 48341

**EMERGENCY PHONE:** Eastern Oil (248) 333-1333

**FAX PHONE:** (248) 333-1426

**CHEMICAL FAMILY:** Petroleum Hydrocarbon  
**CHEMICAL FORMULA:** Mixture

**SECTION 1 NOTES:** Product is a blend of premium oils fortified with sulfurized hydrocarbons and chlorinated waxes, which have properties to promote longer tool life.

**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>OSHA TWA</u>	<u>ACGIH TLV</u>	<u>SARA 313 Reportable</u>
Mineral Oil [Petroleum]	Various	>80	5 mg/m3 (Mist)	5 mg/m3 (Mist)	No
Chlorinated Paraffin	63449-39-8	<05	Not Established	Not established	Yes
Sulfurized Hydrocarbons	Proprietary	< 6	1 mg/m3 (Recommended by Mfg.)		No

**SECTION 3: HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:** No acute effects expected from incidental skin contact during handling. Contact may cause eye irritation. Aspiration hazard if swallowed. Regulated OSHA air contaminant (29 CFR 1910.1000, Subpart Z). Mists or vapors may cause respiration irritation. Liquid is slippery and will burn. Use with adequate ventilation. Avoid release of this product to the environment.

**ROUTES OF ENTRY:** Eyes, Skin, Inhalation, Ingestion

**POTENTIAL HEALTH EFFECTS:**

**EYES:** May cause irritation (administer first aid promptly)

**SKIN:** Long term or repeated exposures will defat the skin resulting in irritation and possible dermatitis.

**INGESTION:** May cause vomiting. Danger of aspiration to the lungs with potential for chemical pneumonitis. Will act as a laxative.

**INHALATION:** Prolonged, excessive inhalation of mists or heated product vapors may cause irritation to the lungs and air passages. Excessive overexposure may be harmful if inhaled for an extended, long period of time.

**ACUTE HEALTH HAZARDS:** Eye and respiratory irritation.

**CHRONIC HEALTH HAZARDS:** Possible skin irritation, dermatitis and/or respiratory tract inflammation.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Dry skin.

**CARCINOGENICITY**

OSHA: NO

ACGIH: NO

NTP: NO

IARC: NO

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## SECTION 4: FIRST AID MEASURES

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**EYES:** Flush with copious amounts of water for several minutes. If irritation persists, continue with water application. If after 15 minutes, irritation continues, seek medical attention.

**SKIN:** Promptly wash skin with mild soap and water.

**INGESTION:** Do not induce vomiting. Seek qualified medical attention. Small amounts, which may enter the mouth incidental to handling, may be rinsed out with water.

**INHALATION:** Remove to fresh air. If irritation persists, seek medical attention. In severe cases of overexposure, such as with a fire, administer oxygen and seek qualified medical care.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** Treat symptoms as required. Product contains petroleum oils, chlorine containing waxes, and sulfurized lard oil.

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## SECTION 5: FIRE-FIGHTING MEASURES

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**FLASH POINT:**

F: 250 deg. Fahrenheit Min.

C:

**METHOD USED:** Cleveland Open Cup

**AUTOIGNITION TEMPERATURE:**

F: Not Determined

C:

**NFPA HAZARD CLASSIFICATION**

HEALTH: 1

FLAMMABILITY: 1

REACTIVITY: 0

OTHER: None

**HMIS HAZARD CLASSIFICATION**

HEALTH: 1

FLAMMABILITY: 1

REACTIVITY: 0

**EXTINGUISHING MEDIA:** Foam, Carbon Dioxide, Dry Chemical, Water Fog

**SPECIAL FIRE FIGHTING PROCEDURES:** Water may spread the fire as oil can float on it. Water spray may be used to cool exposed containers.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Water may spread the fire. Heated containers may rupture.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of Carbon and Sulfur. Smoke, odorous and toxic fumes may form during incomplete combustion. High heat may also generate hydrogen sulfide and chloride, with other unidentified toxic fumes.

**SECTION 5 NOTES:** Use of water for fire fighting must be done with caution as water may actually spread the fire.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**ACCIDENTAL RELEASE MEASURES:** Prevent spread of material, especially to rivers or waterways by diking with dirt or absorbent. For large spills, pump released material into recovery containers and then spread absorbent over the spill area to collect residuals. For small spills, wipe up or use absorbent to clean the spill area.

**SECTION 6 NOTES:** Prevent spill from reaching any type of running or standing water, such as streams, sewers, well water and ponds.

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## SECTION 7: HANDLING AND STORAGE

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**HANDLING AND STORAGE:** Store in a sheltered area, away from temperature extremes in labeled containers. Keep away from heat, sparks, or flame. Avoid contact with eyes, skin, clothing, and shoes.

**OTHER PRECAUTIONS:** When handling, have appropriate safety equipment for the working conditions including eyewash. Do not pressurize, cut, weld, braze, solder, drill, or grind containers containing product residues.

**SECTION 7 NOTES:** None

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS: Good ventilation desirable.

VENTILATION: Sufficient to control mists below the operator exposure threshold limit of 5 mg/m3.

RESPIRATORY PROTECTION: Required if employee exposure exceeds threshold.

EYE PROTECTION: Where contact is likely, wear safety glasses.

SKIN PROTECTION: Gloves recommended when handling. Neoprene, nitrile, or PVC offer good protection.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: As required, wear aprons, sleeves or other protective gear to prevent long-term skin contact.

WORK HYGIENIC PRACTICES: Keep clean. Wash exposed skin areas with mild soap and water.

EXPOSURE GUIDELINES: Avoid excessive inhalation of vapors or mists. Product is regulated by OSHA as an air contaminant. A TLV of 5 mg/m3 has been established. Discard oil soaked shoes and gloves. Launder contaminated clothing before reuse.

SECTION 8 NOTES: None

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE: Yellow colored oil

ODOR: Mild bland smell

PHYSICAL STATE: Liquid

pH AS SUPPLIED: Not Applicable

BOILING POINT: Greater than 400 deg. Fahrenheit

VAPOR PRESSURE (mmHg): Not Determined  
@ C: 20 deg.

SPECIFIC GRAVITY (H2O = 1): 0.87 Typical  
@ C: 20 deg.

EVAPORATION RATE: Nil

SOLUBILITY IN WATER: Negligible

VOLATILE ORGANIC COMPOUNDS (VOC): Not Determined

SECTION 9 NOTES:

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## SECTION 10: STABILITY AND REACTIVITY

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STABILITY: Stable

CONDITIONS TO AVOID (STABILITY): Any type of contamination.

INCOMPATIBILITY (MATERIAL TO AVOID): Avoid mixing with strong oxidizers (such as powdered floor cleaners, caustic soda, or liquid perchlorates) and reducers.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Oxides of Carbon and Sulfur can form during combustion. Also, low levels of hydrogen sulfide (a toxic gas) may be generated at elevated temperatures.

HAZARDOUS POLYMERIZATION: None

SECTION 10 NOTES: Container vapor space may contain hydrogen sulfide; open containers in well ventilated area.

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## SECTION 11: TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL INFORMATION: Not Determined

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## SECTION 12: ECOLOGICAL INFORMATION

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ECOLOGICAL INFORMATION: Not Determined

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## SECTION 13: DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL METHOD: Contact waste hauler for recycling. Follow all Local, State and Federal regulations.

RCRA HAZARD CLASS: None

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## SECTION 14: TRANSPORT INFORMATION

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U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENT:

SECTION 14 NOTES: Not DOT Regulated

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## SECTION 15: REGULATORY INFORMATION

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U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Components Listed

SARA 313 REPORTABLE INGREDIENTS: This product contains less than five (5) percent Chlorinated Paraffin, a reportable substance in SARA Title III, and found in the substance tables of 40 CFR Part 372 as "Polychlorinated Alkanes C10-C13".

SECTION 15 NOTES:

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## SECTION 16: OTHER INFORMATION

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OTHER INFORMATION: None noted.

PREPARATION INFORMATION: Prepared at an ISO 9001 - 2000 certified facility.

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