



Material Safety Data Sheet

FIR No.: 179385
Version Number: CA-EN-3

Level: 3
Release Date: 2010-02-02

1. Product and Company Identification

Product Name: SAE 10W-30 Super Duty Motor Oil
Product Code: See Attachment
Application: Diesel engine motor oil
Supplier: Ford Motor Company of Canada
 Oakville, Ontario L6J 5E4
 1-800-392-3673

Emergency Telephone: Poison Control Center: 1-800-959-3673
 CHEMTREC: U.S. and Canada: 1-800-424-9300
 CHEMTREC: International: 1-703-527-3887

2. Composition/Information on Ingredients

This chemical product is a preparation.

Chemical Name	CAS Number	Percent Concentration	Hazard Classification
PETROLEUM DISTILLATES, SOLVENT-REFINED HEAVY PARAFFINIC	64741-88-4	60-100	HAZCOM RSMS_D_ALL RSMS_P_SOM
PETROLEUM DISTILLATES HYDROTREATED HEAVY PARAFFINIC	64742-54-7	10-30	HAZCOM RSMS_D_ALL RSMS_P_SOM

3. Hazards Identification

Health: This product may cause irritation to the eyes, respiratory system, and skin.
 Exposure to oil mist/fume/vapor may cause respiratory tract irritation. This product has low volatility and so is not expected to cause respiratory tract irritation during normal conditions of use. Exposure to high mist levels in poorly ventilated areas may cause temporary irritation to the upper respiratory tract.

4. First-Aid Measures

Inhalation: If gas/fume/vapor/dust/mist from the material is inhaled, remove the affected person immediately to fresh air. If irritation persists, get medical attention.

Skin Contact: Wash skin with soap and water. If irritation persists, get medical attention. If this material is injected beneath the skin, regardless of amount injected, get immediate medical attention. Do not wait for symptoms to develop.

Eye Contact: In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes and seek medical attention. If irritation persists, get medical attention.

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FIR No.: 179385
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Ingestion: If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.

Notes to a Physician: HIGH PRESSURE SKIN INJECTION: Physician must be familiar with local procedures for treatment of this type of wound; incision, irrigation, removal of all necrotic tissue and open wound dressing.

5. Fire-Fighting Measures

Extinguishing Media: EXTINGUISHER INFORMATION: Dry chemical, foam, carbon dioxide, water fog.

Specific Methods: Use water to cool fire-exposed containers, structures, and to protect personnel.
 Water may be used to cool exposed containers to prevent pressure build-up and explosion when exposed to extreme heat.
 Water may be an ineffective extinguishing medium.

Specific Hazards: Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
 Upon decomposition, this product emits aldehydes.
 Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition.
 Empty container(s) may retain product residue -- solid, liquid, and/or vapor -- and can be dangerous. Do not pressurize, cut, weld, braze, solder, 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.

Protection of Firefighters: Fire fighters should be equipped with NIOSH-approved, self-contained breathing apparatus (SCBA) and full protective clothing.

6. Accidental Release Measures

Personal Precautions: In case of spills, beware of slippery floors and surfaces. Provide adequate ventilation.

Environmental Precautions: Do not allow the spilled product to enter public drainage system or open water courses.
 Do not allow this material to drain into sewers/water supplies.
 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 confined waters.

Methods for Cleaning Up: Stop the flow of material, if this is without risk.
 Recover liquids by pumping (use an explosion proof or hand pump if recovering flammable liquids).
 Absorb the spilled material with an inert absorbent (nonflammable) material.



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7. Handling and Storage

Handling:

Technical Measures: Avoid the generation of oil mists.
Take precautionary measures against static discharges.

Precautions and Advice for Safe Handling: Keep the container closed when not in use.

Storage: Technical Measures: Do not reuse the empty container.

Storage Conditions: Do not store this material in open or unlabeled containers.
Ground all containers of this material.
Store this product away from strong oxidizing agents.

8. Exposure Controls/Personal Protection

Engineering Measures: Use general ventilation.

Control Parameters: If oil mist is generated, observe the OSHA exposure limit of 5 mg/m³ (TWA) and the ACGIH exposure limit of 5 mg/m³ (TWA) and the ACGIH short term exposure limit (STEL) of 10 mg/m³. Ford Motor Company recommends an exposure limit of 1.0 mg/m³.

Personal Protective Equipment:

Respiratory Protection: If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard 29 CFR 1910.134 and/or Canadian Standard CSA Z94.4.

Hand Protection: Protective gloves should be worn when the potential exists for prolonged or repeated skin exposure. Neoprene, Nitrile Acrylonitrile-Butadiene Rubber (NBR), Nitrile, or Silver Shield is recommended.

Eye Protection: Wear safety glasses with side shields.

Skin and Body Protection: Wear protective clothing sufficient to cover exposed skin surfaces.

Hygiene Measures: Use good personal hygiene.
Wash contaminated clothing before reuse.
When using this material, do not eat, drink or smoke.



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9. Physical and Chemical Properties

Specific Gravity: 0.87 @15°C
Physical State: LIQUID
Odor: CHARACTERISTIC
Color: DARK BROWN
pH: N.AP
Temperature Range During which Changes in Physical State Occur:
 Boiling Point: 315.5 °C (600°F)
Flash Point: 205 °C ASTM D92
Auto-ignition Temperature: 315 °C (599°F)
Explosion Properties:
 UEL: 7.0 %
 LEL: 0.9 %
Vapor Pressure: <1@38°C kPa
Vapor Density: >2 (AIR=1) @101 kPa
Solubility: NEGLIGIBLE IN WATER
Viscosity: 11.6@100°C cSt
Evaporation Rate: <0.1 (BuAc = 1)

10. Stability and Reactivity

Stability: This is a stable material.
 Hazardous polymerization will not occur.

Conditions and Materials to Avoid: This product may react with strong oxidizing agents (bleach--sodium hypochlorite, calcium hypochlorite, hydrogen peroxide, permanganate, nitric acid, concentrated OXYGEN, perchlorates).

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, and other low molecular weight hydrocarbons.
 Decomposition of this product may emit oxides of sulfur.
 Irritating and/or toxic gases may be emitted upon the product's decomposition.



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11. Toxicological Information

Inhalation: Exposure to oil mist/fume/vapor may cause respiratory tract irritation.

Skin Contact: No skin irritation can be expected from single short-term exposure to this product. Prolonged or repeated contact may produce some irritation.

Chronic (Long Term) Toxicity: Base oil severely refined: Not carcinogenic in animal studies. Representative material passes IP-346, Modified Ames test, and/or other screening tests. Continuous long term contact with used motor oil has caused skin cancer in animal tests.

12. Ecological Information

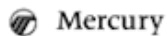
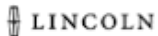
Ecological testing has not been conducted on this product.

Ecotoxicity: The product is not expected to be toxic to aquatic organisms.

13. Disposal Considerations

Waste from Residues: Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulation. Used oil: CAUTION - If contaminated by unburned fuel, this used crankcase oil may have a lower flashpoint than the value which is indicated above.

Contaminated Packaging: No consideration given when disposed of according to local, state, and Federal regulations.



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14. Transport Information

U.S. Department of Transportation (DOT) 49 - CFR 172.101

This product is not regulated as a dangerous good.

Canadian Transportation of Dangerous Goods (T.D.G.) - TDGR Schedule II

This product is not regulated as a dangerous good.

Secretary of Communication and Transportation (SCT) - NOM-002-SCT2/1994 (Mexico)

This product is not regulated as a dangerous good.

International and Domestic Air Transportation - ICAO & IATA Section 4.2

This product is not regulated as a dangerous good.

International Water Transportation - IMDG Code Amendment 31-02

This product is not regulated as a dangerous good.

15. Regulatory Information

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Not a controlled product.

Don't pollute. Conserve resources. Return used oil to collection centers.

Material contains a chemical which is a Ford Motor Company Material of Concern. Use and release of this material should be minimized to the greatest extent possible.

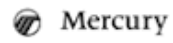
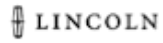
16. Other Information

Key/Legend: N.AP = Not applicable; N.AV = Not available; ND = Not determined or No data; TLV = Threshold limit value; TWA = Time-weighted average; STEL = Short-term exposure limit; C = Ceiling limit

The following sections contain revisions OR 2
NEW statements. 15

Preparation Information:

The chemical identification and properties for this material were provided by the manufacturer. For Canadian locations, a manufacture's MSDS is available upon request. Health and safety information has been evaluated by the Occupational and Environmental Health Sciences Department, Ford Motor Company, Diagnostic Service Center II, 1800 Fairlane Drive, Allen Park, MI 48101, USA.



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Disclaimer:

The information on this data sheet represents our current data and is accurate to the best of our knowledge as to the proper handling of this product under normal conditions and in accordance with the application specified on the packaging and/or technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.



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Attachment

Product Code	Container Size	Part of Kit	Kit Product Code
CXO-10W30-BSD	Bulk		
CXO-10W30-DSD	205 L		
CXO-10W30-LSD12	1 L		
CXO-10W30-4LSD	4 L		