



Material Safety Data Sheet

FIR No.: 175527
Version Number: CA-EN-7

Level: 2
Release Date: 2009-11-11

1. Product and Company Identification

Product Name: SAE 75W-90 API GL-4 Gear Oil
Product Code: See Attachment
Application: Gear 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 HYDROTREATED HEAVY PARAFFINIC	64742-54-7	40-70	HAZCOM RSMS_P_SOM
PETROLEUM DISTILLATES, HYDROTREATED HEAVY NAPHTHENIC	64742-52-5	10-30	RSMS_P_SOM HAZCOM
PETROLEUM DISTILLATES, HYDROTREATED LIGHT PARAFFINIC	64742-55-8	3-7	RSMS_P_SOM HAZCOM

3. Hazards Identification

Health: Exposure to oil mist/fume/vapor may cause respiratory tract irritation. Inhalation of mist and vapors may irritate the nose, throat, and lungs. Ingestion may cause slight stomach irritation and discomfort. This product is not expected to cause eye irritation under normal conditions of use. Symptoms of slight eye irritation may result when direct contact occurs, or when exposed to high mist levels in poorly ventilated areas. No skin irritation can be expected from single short-term exposure to this product. Prolonged or repeated contact may produce some irritation.

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.



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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.

Ingestion: If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.

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 an ineffective extinguishing medium.

Specific Hazards: Empty containers may retain product residue including Flammable or Explosive vapors. Do not cut, drill, grind, or weld near full, partially full, or empty product containers.
Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition.
Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

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: Avoid inhalation of vapors and contact with skin and eyes.
In case of spills, beware of slippery floors and surfaces.
Wear appropriate protective equipment and clothing during clean-up.

Environmental Precautions: Do not allow the spilled product to enter public drainage system or open water courses.
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: Contain the discharged material.
Absorb the spilled material with an inert absorbent (nonflammable) material.
In case of large spills, follow all facility Emergency Response Procedures.

7. Handling and Storage

Handling:

Avoid the generation of oil mists.



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Technical Measures:

Precautions and Advice for Safe Handling: Elevated temperature or mechanical action may form vapors, mist, or fumes which may be irritating to the eyes, nose, throat, and lungs. Avoid breathing vapors or mist. Keep the container closed when not in use.

Storage: Technical Measures: No special precautions.

Storage Conditions: Keep the container tightly closed and in a cool, well-ventilated place. Store this product away from strong oxidizing agents.

8. Exposure Controls/Personal Protection

Engineering Measures: ENGINEERING CONTROL: Use adequate ventilation to control airborne concentrations below the exposure limits/guidelines. If user operations generate a vapor, dust, and/or mist, use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels below the recommended exposure limits/guidelines.

Control Parameters: If oil mist is generated, observe the OSHA exposure limit of 5 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: Use of impervious gloves is recommended, such as neoprene.

Eye Protection: Wear safety glasses with side shields. Wear chemical goggles; face shield (if splashing is possible).

Skin and Body Protection: Remove contaminated clothing and wash before reuse.

Hygiene Measures: Wash thoroughly after handling. When using this material, do not eat, drink or smoke.



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9. Physical and Chemical Properties

Specific Gravity: 0.88-0.89
Physical State: LIQUID
Form: OIL
Odor: HYDROCARBON
Color: BRIGHT AND CLEAR
pH: N.AP
Temperature Range During which Changes in Physical State Occur:
 Boiling Point: >280 °C
Flash Point: 350 °C COC
Auto-ignition Temperature: >320 °C
Explosion Properties:
 UEL: N.AV
 LEL: N.AV
Vapor Pressure: <0.5@20°C Pa
Vapor Density: >1 (AIR=1)
Solubility: NEGLIGIBLE IN WATER
Viscosity: 80@40°C cSt
Evaporation Rate: N.AV

10. Stability and Reactivity

Stability: This is a stable material.
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. Irritating and/or toxic gases may be emitted upon the product's decomposition.

11. Toxicological Information

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.



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12. Ecological Information

No specific aquatic data available for this product.

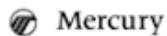
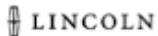
13. Disposal Considerations

Waste from Residues:

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulation.

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

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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.



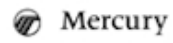
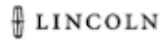
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Disclaimer:

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
XT-4-QGL	1 qt. (946 mL)		
XY-75W90-QGL (Obsolete)	1 qt. (946 mL)		