



**Material Safety Data Sheet**

**FIR No.:** 171931  
**Version Number:** US-US-3

**Level:** 2  
**Release Date:** 2007-09-26

**1. Product and Company Identification**

**Product Name:** Continuously Variable Chain Type Transmission Fluid  
**Product Code:** See Attachment  
**Application:** Transmission fluid  
**Supplier:** Ford Motor Company  
Attention: MSDS Information, P.O. Box 1899  
Dearborn, Michigan 48121  
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.  
Contains no other ingredients now known to be hazardous as defined by the applicable regulations.

**3. Hazards Identification**

**Health:** Exposure to oil mist/fume/vapor may cause respiratory tract irritation. No skin irritation can be expected from single short-term exposure to this product. Prolonged or repeated contact may produce some irritation.  
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.  
This product may cause an allergic skin reaction.

**Environment:** Material contains a chemical which is a Hazardous Air Pollutant (HAP), regulated by the United States Clean Air Act.

**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:** For skin contact, wash immediately with soap and water.  
If irritation persists, get medical attention.

**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, do not induce vomiting. Get immediate medical attention or advice -- give several glasses of water or milk.

**Notes to a Physician:** If the affected person is not breathing, apply artificial respiration.  
If the affected person's breathing is difficult, give oxygen.



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**5. Fire-Fighting Measures**

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

**Specific Methods:** Use water to cool fire-exposed containers, structures, and to protect personnel.

**Specific Hazards:** Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. 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.

**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 excessive skin contact with the spilled material. Provide adequate ventilation. Wear appropriate protective equipment and clothing during clean-up.

**Environmental Precautions:** Do not allow this material to drain into sewers/water supplies.

**Methods for Cleaning Up:** Contain the discharged material. Absorb the spilled material with an inert absorbent (nonflammable) material.

**7. Handling and Storage**

**Handling:**

**Technical Measures:** Avoid the generation of oil mists. Keep this product from heat, sparks, or open flame.

**Precautions and Advice for Safe Handling:** Avoid breathing vapor or mist. Avoid eye contact. Avoid prolonged or repeated skin contact with this material. Use with adequate ventilation.

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

**Storage Conditions:** Do not store near heat, spark or open flame. Keep the container tightly closed and in a cool, well-ventilated place. Store this product away from strong oxidizing agents.



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**8. Exposure Controls/Personal Protection**

**Engineering Measures:** General (mechanical) room ventilation is expected to be satisfactory if handled at low temperatures or in covered equipment. Local ventilation is needed in the presence of airborne mists.

**Control Parameters:** If oil mist is generated, observe the OSHA exposure limit of 5 mg/m<sup>3</sup>. Ford Motor Company recommends an exposure limit of 1.0 mg/m<sup>3</sup>.

**Personal Protective Equipment:**

**Respiratory Protection:** None required under normal conditions. 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:** The use of nitrile-latex gloves is recommended.

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

**Skin and Body Protection:** Light protective clothing is recommended.

**Hygiene Measures:** Wash thoroughly after handling. Wash contaminated clothing before reuse.



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**9. Physical and Chemical Properties**

**Specific Gravity:** 0.84 g/m<sup>3</sup> @15°C  
**Physical State:** LIQUID  
**Odor:** PETROLEUM  
**Color:** BLUE  
**pH:** N.AP

**Temperature Range During which Changes in Physical State Occur:**

Freezing Point: <-66 °C  
Melting Point: N.AV

**Flash Point:** 230 °C PMCC

**Explosion Properties:**

UEL: ND  
LEL: ND

**Vapor Pressure:** <1 @20°C kPa

**Vapor Density:** N.AV

**Solubility:** INSOLUBLE IN WATER

**Viscosity:** 39.4 @40°C cSt

**Evaporation Rate:** N.AV

**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 oxidizing agents.

**Hazardous Decomposition Products:** Decomposition of this product may emit hydrogen sulfide.  
Decomposition of this product may emit oxides of nitrogen and carbon monoxide.  
Decomposition of this product may emit oxides of sulfur.



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**11. Toxicological Information**

**Skin Contact:**

The skin sensitization potential of this product has not been fully assessed, assume that contact with the skin may cause allergic contact dermatitis. Risks are higher where prolonged or repeated skin contact with a fluid may occur.  
Prolonged or repeated contact with this product may dry and/or defat the skin.

**Chronic (Long Term) Toxicity:**

Ethyl benzene is classified by IARC as possibly carcinogenic to humans (2B) based on inadequate evidence in humans and sufficient evidence in laboratory animals. Lifetime inhalation exposure of rats and mice to high ethylbenzene concentrations resulted in increases in certain types of cancer, including kidney tumors in rats and lung and liver tumors in mice. There is no evidence that ethylbenzene causes cancer in humans.  
The National Toxicology Program (NTP) conducted a two year inhalation study of ethylbenzene vapor on laboratory animals. The study revealed that ethylbenzene vapor at 750 ppm produced kidney and testicular tumors in rats and lung and liver tumors in mice. Human data is not available at this time.

**12. Ecological Information**

No specific aquatic data available for this product.

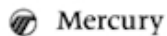
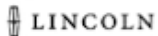
**13. Disposal Considerations**

**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 contains trace amounts of chemicals (<0.01%) being listed on California Prop 65 list.
This product contains NONE of the substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372
The components of this product are listed on the TSCA Inventory

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

HMIS and NFPA Hazard Class Information:

HMIS Hazard Class: Health: 1 (Slight) Flammability: 1 (Slight) Physical Hazard: 0 (Least)

NFPA Hazard Class: Health: 1 (Slight) Flammability: 1 (Slight) Instability: 2 (Moderate)

The following sections contain revisions OR 2
NEW statements. 16

Preparation Information:

The chemical identification and properties for this material were provide 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.

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**

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<b>Product Code</b>	<b>Container Size</b>	<b>Part of Kit</b>	<b>Kit Product Code</b>
XT-7-QCFT	1 qt.		
XT-7-QCFT1	1 qt.		