



Material Safety Data Sheet

FIR No.: 187660
Version Number: US-US-1

Level: 1
Release Date: 2011-06-23

1. Product and Company Identification

Product Name: MERCON® SP Automatic Transmission Fluid
Product Code: See Attachment
Application: Automatic 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.

Chemical Name	CAS Number	Percent Concentration	Hazard Classification
PETROLEUM DISTILLATES HYDROTREATED HEAVY PARAFFINIC	64742-54-7	60-100	RSMS_D_ALL HAZCOM DSL LISTED RSMS_P_SOM
PETROLEUM DISTILLATES, HYDROTREATED HEAVY NAPHTHENIC	64742-52-5	1-5	RSMS_D_ALL HAZCOM DSL LISTED RSMS_P_SOM

3. Hazards Identification

Health: May cause eye irritation.
 Inhalation of vapors (generated at high temperatures only) may cause mild irritation of the nose, throat, and respiratory tract.
 If ingested, this product may cause gastrointestinal irritation.
 Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.

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.

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

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.
 Water may be an ineffective extinguishing medium.
 A solid stream of water may scatter molten product.

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.

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.
 Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.
 Surfaces may become slippery after spillage.
 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.

Methods for Cleaning Up: Absorb the spilled material with an inert absorbent (nonflammable) material.
 Scrape up the spilled material and transfer to a suitable container for disposal.
 Thoroughly wash the area after a spill or leak clean-up.

7. Handling and Storage

Handling:

Technical Measures: Keep this product from heat, sparks, or open flame.

Precautions and Advice for Safe Handling: Avoid contact with skin, eyes and clothing.
 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 necessary.



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Storage Conditions:

Avoid prolonged exposure of the container to direct sunlight.
Store in a cool, well-ventilated area away from sources of heat.
Store this product away from strong oxidizing agents.

8. Exposure Controls/Personal Protection

Engineering Measures:

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:

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:

Use of impervious gloves is required, such as neoprene or nitrile rubber gloves.
The use of polyvinyl chloride gloves is recommended.

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: 0.85 H2O=1 @20-25°C
Physical State: LIQUID
Form: LIQUID
Odor: HYDROCARBON
Color: BROWN
pH: NA N.AP

Temperature Range During which Changes in Physical State Occur:

Boiling Point: >280 °C
Flash Point: 210 °C COC
Auto-ignition Temperature: >320 °C

Explosion Properties:

UEL: 10 %
LEL: 1 %
Vapor Pressure: <0.5@20°C Pa
Vapor Density: >1 (AIR=1)
Solubility: NEGLIGIBLE IN WATER
Viscosity: 26.8@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.



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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. None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP

12. Ecological Information

No specific aquatic data available for this product.

Mobility: The product is not miscible with water and will spread on the water surface.

13. Disposal Considerations

Waste from Residues: Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulation.

Contaminated Packaging: No available information.



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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

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

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

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

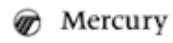
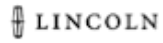
HMIS and NFPA Hazard Class Information:

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

NFPA Hazard Class: Health: 0 (Least) Flammability: 1 (Slight) Instability: 0 (Least)

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-6-DSP	55 U.S. gal.		
XT-6-DSP1	55 U.S. gal.		
XT-6-QSP	1 qt.		
XT-6-QSP1	1 qt.		