



MATERIAL SAFETY DATA SHEET

Tox No. : 149162

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Part Type and Number

Part name

Motorcraft - U.S. XT-5-QM

MERCON V AUTOMATIC TRANSMISSION
FLUID (QUART)

Ford - U.S. XT-5-DM

MERCON V AUTOMATIC TRANSMISSION
FLUID (55 GAL)

This material has not been identified against a material Specification.

----- CHEMICAL AND PHYSICAL PROPERTIES -----

Appearance :	Physical State	LIQUID
	Form	-
	Color	DARK RED
Specific Gravity (Relative Density)		0.8474
Boiling Point		+316 C (+600 F)
Flash Point		>+204 C (>+399 F) (CLEVELAND OPEN CUP)
pH full strength		-
pH diluted		-
Odor		NONE TO SLIGHT PETRO
Odor Threshold		Not Determined
Viscosity		36.7 CST at 40C
Vapor Density		Not Determined
Vapor Pressure		-
Evaporation Rate		-
Freezing Point		-
Explosion Properties :	UEL	-
	LEL	-
Auto-ignition Temperature		+224 C (+435 F)
Solubility		INSOLUBLE in Water
Partition Coefficient		-



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----- HAZARDOUS AND OTHER DISCLOSED INGREDIENTS -----

Percent Range	Exposure Limits - TWA ACGIH/OSHA (where est.)	CAS number	Chemical Name
>60	5/5 Ford= 1.0 mg/m3	72623-86-0	LUBRICATING OILS (PETROLEUM) C15-30 HYDROTREATED, NEUTRAL OIL BASED
>5-10	5/5 Ford= 1.0 mg/m3	72623-84-8	LUBRICATING OILS (PETROLEUM), C15-30, HYDROTREATED NEUTRAL OIL-BASED, CONTAINING SOLVENT DEASPHALTED RESIDUAL OIL
1-5	5/5 Ford= 1.0 mg/m3	64741-88-4	PETROLEUM DISTILLATES, SOLVENT-REFINED HEAVY PARAFFINIC
1-5	5/5 Ford= 1.0 mg/m3	64741-97-5	DISTILLATES (PETROLEUM), SOLVENT REFINED LIGHT NAPHTHENIC
1-5	5/5 Ford= 1.0 mg/m3	64742-46-7	PETROLEUM DISTILLATES, HYDROTREATED MIDDLE
1-5	5/5 Ford= 1.0 mg/m3	64742-54-7	PETROLEUM DISTILLATES HYDROTREATED HEAVY PARAFFINIC
1-5	5/5 Ford= 1.0 mg/m3	64742-65-0	PETROLEUM DISTILLATES, SOLVENT DEWAXED HEAVY PARAFFINIC
1-5	5/5 Ford= 1.0 mg/m3	68477-31-6	PETROLEUM DISTILLATES, CATALYTIC, REFORMER FRACTIONATOR RES.

Exposure Limit Abbreviations

TWA=Time Weighted Average C=Ceiling
S=Short Term Exposure Sk=Skin
Sol=Soluble Compounds Fu=Fumes
Insol=Insoluble Compounds Du=Dust I=IARC Resp-Respirable

----- REGULATORY INFORMATION -----

The supplier has classified this product under the Canadian Controlled
Products Regulations as:

Not a controlled product

California Proposition 65:

WARNING: This product contains a chemical known to the State of California
to cause cancer.

California Proposition 65:

WARNING: This product contains a chemical known to the State of California
to cause birth defects or other reproductive harm.

----- SIGNAL WORD -----

CAUTION

FORD MOTOR COMPANY
DEARBORN MI 48121



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----- HEALTH HAZARD INFORMATION -----

-(A)----- HAZARDS -----

Exposure to oil mist/fume/vapor may cause respiratory tract irritation. Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.
This product may cause irritation to the eyes.
If ingested, this product may cause gastrointestinal irritation.

-(B)----- TARGET ORGANS AND MEDICAL CONDITIONS -----

Overexposure to some hazardous ingredients in this product has been found to affect certain body organs and systems in experimental animals and/or humans. These include:
Skin, Eyes, and Respiratory System

-(C)----- ACUTE TOXICITY INFORMATION -----

Based on the composition of the product identified by the supplier, selected portions of the acute toxicity information from RTECS are as follows:

1330-20-7 XYLENE (ALL ISOMERS)
Inhalation, adult rat, LC50 = 5000 ppm (4 Hours)
Oral, adult rat, LD50 = 4300 mg/kg
100-41-4 ETHYLBENZENE
Oral, adult rat, LD50 = 3500 mg/kg
Skin, adult rabbit, LD50 = 17800 mg/kg
7446-09-5 SULFUR DIOXIDE
Inhalation, adult rat, LC50 = 2520 ppm (1 Hour)
7440-43-9 CADMIUM
Oral, adult rat, LD50 = 225 mg/kg

----- FIRE AND EXPLOSION INFORMATION -----

This product is combustible at high temperatures.
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.
EXTINGUISHER INFORMATION: Dry chemical, foam, carbon dioxide, water fog.
Use water to cool fire-exposed containers and to protect personnel.
wear self-contained breathing apparatus.
Irritating and/or toxic fumes may be emitted upon the product's decomposition.
Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

----- REACTIVITY DATA -----

This is a stable material.
This product may react with strong oxidizing agents.
This product may react with strong acids.
Hazardous polymerization will not occur.
May react with chlorine and peroxides.



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----- PREVENTIVE MEASURES -----

-(A)----- SAFE HANDLING AND STORAGE -----

Keep the container dry.
Do not breathe gas/fumes/vapor/spray.
Keep the container tightly closed and in a cool, well-ventilated place.
Avoid getting this material into contact with your skin and eyes.
Use this product with adequate ventilation.
This product is incompatible with strong oxidizing agents.
Do not reuse the empty container.
Avoid the generation of oil mists.

-(B)----- PROTECTIVE MEASURES -----

Wear chemical goggles.
Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.
Use of protective coveralls and long sleeves is recommended.
Eyewash and emergency showers are recommended.
The use of neoprene gloves is recommended.
The use of polyvinyl chloride gloves is recommended.
The use of nitrile-latex gloves is recommended.
Use an organic vapor respirator for concentrations exceeding the Occupational Exposure Limit.

-(C)----- SPILLS, LEAKS AND DISPOSAL -----

Wear appropriate protective equipment and clothing during clean-up.
Do not allow this material to drain into sewers/water supplies.
Thoroughly wash the area after a spill or leak clean-up.
Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.
Stop the flow of material, if this is without risk.
Ventilate the contaminated area.
Absorb the spilled material with an inert absorbent (nonflammable) material.
Remove soiled clothing and launder before reuse.
Avoid inhalation of vapor, fumes, dust and/or mist from the spilled material.
Avoid skin contact with the spilled material.
Contain the discharged material.
Surfaces may become slippery after spillage.
Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulation.

----- FIRST AID TREATMENT -----

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Remove contaminated clothing and wash before reuse.
If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.
For skin contact, wash immediately with soap and water.
If inhalation of gas/fume/vapor/dust/mist from the material is excessive (air concentration is greater than the TLV or health effects are noticed), immediately remove the affected person(s) to fresh air.



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If the affected person is not breathing, apply artificial respiration.
 If the affected person's breathing is difficult, give oxygen.
 This material, if aspirated into the lungs, may cause chemical pneumonitis;
 treat the affected person appropriately.

U.S. DEPARTMENT OF TRANSPORTATION INFORMATION

-(A)----- *** US DOT Classification *** -----

This product is not regulated as a hazardous material for transportation under 49CFR.

=(B)----- Reportable Quantities -----

The chemical name(s) appearing below under "NAME" must appear as part of the shipping name IF the amount being shipped in each container exceeds the quantity shown under "RQ" below. The letters "RQ" must also appear as part of the shipping name, in the form:

RQ, shipping name, chemical name

-----CAS-- RQ(lbs) -NAME-----

100-41-4	>100000	ETHYLBENZENE
1330-20-7	>100000	XYLENE (ALL ISOMERS)
7439-92-1	>100000	LEAD
7439-97-6	>100000	MERCURY
7440-38-2	>100000	ARSENIC
7440-47-3	>100000	CHROMIUM

CANADIAN TRANSPORTATION INFORMATION

=(A)----- Transportation of Dangerous Goods Classification -----

This product is not regulated as a dangerous good for transportation under TDGR.

=(B)----- Regulated Limits -----

The chemical name(s) appearing below under "NAME" must appear as part of the shipping name IF the amount being shipped in each container exceeds the quantity shown under "RL" below. 9.2 must appear as part of the shipping name, in the following forms:

If 9.2 is the primary hazard:

shipping name, chemical name, 9.2

If 9.2 is the subsidiary hazard:

shipping name, chemical name, hazard class (9.2)

--- CAS --- RL(kgs) -- NAME -----

100-41-4	>100000	ETHYLBENZENE
1330-20-7	>100000	XYLENE (ALL ISOMERS)
7439-97-6	>100000	MERCURY
7440-38-2	>100000	ARSENIC

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