

MARATHON OIL CO -- DEXRON II/MERCON AUTOMATIC TRANSMISSION FLUID -- 9150-00-657-4959

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Product Identification
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Product ID:DEXRON II/MERCON AUTOMATIC TRANSMISSION FLUID

MSDS Date:12/27/1991

FSC:9150

NIIN:00-657-4959

MSDS Number: BWDXB

=== Responsible Party ===

Company Name:MARATHON OIL CO

Address:539 SOUTH MAIN STREET

City:FINDLEY

State:OH

ZIP:45840-3229

Country:US

Info Phone Num:419-422-

2121

Emergency Phone Num:419-422-2121, CHEMTREC 800-424-9300

Preparer's Name:CRAIG M. PARKER

CAGE:16106

=== Contractor Identification ===

Company Name:MARATHON OIL CO

Address:539 SOUTH MAIN STREET

Box:City:FINDLEY

State:OH

ZIP:45840-3229

Country:US

Phone:419-422-2121, CHEMTREC 800-424-9300

CAGE:16106

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Composition/Information on Ingredients
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Ingred Name:BLENDDED MINERAL OIL (SEVERELY SOLVETN REFINED PARAFFINIC
BASE STOCK)

Fraction by Wt: 94.00%

Other REC Limits:NO

NE RECOMMENDED

Ingred Name:ADDITIVES (ACRYLIC COPOLYMER,BORONATED SUBSTITUTED
SUCCINIMIDE,POLYBUTENE & SULFURIZED FATTY OILS & SUCCINIMIDES)

Fraction by Wt: 6.00%

Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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LD50 LC50 Mixture:ORAL LD50 >5MG/KG FOR SIMILAR PRODUCT.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES:LIQ/VAP CONTACT MAY RES

ULT IN

SLIGHT IRRIT. SKIN:PROLONG/REPEAT LIQ CONTACT CAN CAUSE DERM,FOLLICULITIS OR OIL ACNE. INHAL:EXPO TO VAP/MIST MAY CAUSE PULM IRRIT,DIZZ,NAUSEA.PROLONGED OVEREXPO TO VAP/MIST MAY PRODUCE CHEM PNEUMONITIS. INGEST:LOW ORDER OF ACUTE TOXICITY.BASED ON DATA FROM COMPONENTS/SIMILAR PROD.

Effects of Overexposure:EYES IRRIT. DERM, FOLLICULITIS, OIL ACNE.

PULMONARY IRRIT, DIZZINESS, NAUSEA. CHEMICAL PNEUMONITIS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MFG.

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===== First Aid Measures =====

First Aid:EYES:FLUSH W/LG AMTS OF WATER FOR @LEAST 15MINS.IF SYMPTOMS/IRRIT OCCUR CALL PHYSICIAN. SKIN:WASH W/SOAP & LG AMTS OF WATER.REMOVE CONTAMIN CLOTHING.IF SYMPTOMS/IRRIT OCCUR CALL PHYSICIAN. INHAL:MOVE TO FRESH AIR.NOT BREATH GIVE ART RESP.IMMED CALL PHYSICIAN.IF SYMPTOMS/IRRIT OCCUR W/ANY EXPO CALL PHYSICIAN. INGEST:NOT EXPECTED TO BE ACUTELY TOXIC.IF LG AMTS INGEST IMMED CALL PHYSICIAN.

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===== Fire Fighting Measures =====

Flash Point:333F,167C

Extinguishing Media:CLASS B FIRE EXTINGUISHING MEDIA SUCH AS HALON, CO2, DRY CHEMICAL OR WATER SPRAY CAN BE USED.

Fire Fighting Procedures:FIRE FIGHTING SHOULD BE ATTEMPTED ONLY BY THOSE WHO ARE ADEQUATELY TRAINED.AVOID USING SOLID WATERSTREAMS.WATERSPRAY/FOAM MAY BE APPLIED TO (SUPPLEMENTAL).

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MFG. HOWEVER EMPTY PROD CNTNR MAY RETAIN PROD RESIDUE.

DO NOT PRESSURIZE,CUT,HEAT,WELD OR EXPO TO FLAME;THEY MAY EXPLODE & CAUSE INJURY/DEATH.

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===== Accidental Release Measures =====

Spill Release Procedures:KEEP PUBLIC AWAY.SHUT OFF W/O RISK.REMOVE ALL IGN SOURCES.ADVISE NAT RESP CNTR 800-424-8802 IF PROD ENTERED WATER COURSE.ADVISE LOC/STATE EMERG SERV AGENCIES IF APPROPR.CONTAIN LIQ W/SAND/SOIL.RECOVER /RETURN FREE LIQ.USE SUITABLE SORBENTS FOR RESIDUE

Neutralizing Agent:NONE SPECIFIED BY MFG.

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Handling and Storage
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Handling and Storage Precautions:PROD SHOULD BE HANDLED/STORED IAW
INDUSTRY ACCEPTED PRACT.COMPLY W/ALL APPLICABLE OSHA,NFPA,CONSISTEN
LOC REQMTS.USE APPROP GROUNDING/BONDING PRACTICE

Other Precautions:STORE IN PROPERLY CLS CNTNR & ARE APPROPR
LABELED.AVOID REP/PROL SKIN CONTACT.EMPTY PROD CNTNRS MAY RETAIN
PROD RESIDUE.DO NOT PRESSURIZE/CUT/HEAT/WELD/EXPO TO FLAME;MAY
EXPLO & CAUSE INJURY OR DEATH.

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Exposure Controls/Personal Protection
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Respiratory Protection:NOT NORMALLY REQUIRED FOR ROUTINE
OPERATIONS.APPROVED ORG VAP CHEM CARTRIDGE OR SUPPLIED AIR RESP
SHOULD BE WORN WHEN EXCESSIVE VAP/MIST ARE GENERATED.OBSERVE RESP
PROT FACTOR CRITERIA CITED IN ANSI Z 88.2(1980).FOR FIREFIGHTING
WEAR SCBA.

Ventilation:LOCAL OR GENERAL EXHAUST REQUIRED WHEN USING @ ELEVATED
TEMPS THAT GENERATE VAPORS/MISTS.

Protective Gloves:NEOPRENE, NITRILE OR PVA GLOVES.

Eye

Protection:NONE SPEC BY MFG;HOWEVER USE SAF GLASSES

Other Protective Equipment:NONE SPECIFIED BY MFG.

Work Hygienic Practices:EXERCISE GOOD PERSONAL HYGIENE INCLUDING
REMOVAL OF SOILED CLOTH & PROMPT WASHING W/SOAP & WATER.LAUNDER
CLOTH BEF REUSE

Supplemental Safety and Health

FIREFIGHTING:AVOID FROTHOVER.AVOID EXCESSIVE APPLICATION.USE WATERSPRAY
TO COOL EXPOSED SURFACES.

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Physical/Chemical Properties
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HCC:V6

Boiling Pt:B.P. Text:580F,304C

Vap

or Pres:25.9 @100F

Spec Gravity:0.88

Solubility in Water:SLIGHT