

CITGO PETROLEUM CORP -- CITGO MP ATF,DEXRON II/MERCON -- 9150-01-114-9968  
===== Product Identification =====

Product ID:CITGO MP ATF,DEXRON II/MERCON

MSDS Date:09/13/1995

FSC:9150

NIIN:01-114-9968

MSDS Number: CCLXG

=== Responsible Party ===

Company Name:CITGO PETROLEUM CORP

Address:6100 S YALE BLDG 1 WARREN PL

Box:3758

City:TULSA

State:OK

ZIP:74102

Country:US

Info Phone Num:918-495-5933

Emergenc

y Phone Num:318-491-6215,800-424-9300(CHEMTREC)

CAGE:7X110

=== Contractor Identification ===

Company Name:CITGO PETROLEUM CORP

Address:6100 S YALE AVE

Box:3758

City:TULSA

State:OK

ZIP:74102

Country:US

Phone:918-495-5933

CAGE:7X110

===== Composition/Information on Ingredients =====

Ingred Name:MINERAL OIL, SOLVENT-REFINED HEAVY PARAFFINIC, MILDLY  
HYDROTREATED (CARCINOGENIC - IARC)

CAS:64741-88-4

RTECS #:PY8040500

Fraction by Wt: < 80%

Other REC Limits:NONE SPECIFIED

OSHA P

EL:5 MG/M3 (OIL MIST)  
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:PETROLEUM OIL  
CAS:64741-89-5  
RTECS #:PY8041500  
Fraction by Wt: < 80%  
Other REC Limits:NONE SPECIFIED

Ingred Name:ANTI-OXIDANT, ANTI-WEAR DISPERSANT  
Fraction by Wt: < 20%  
Other REC Limits:NONE SPECIFIED

Ingred Name:DYE  
Fraction by Wt: > 0.1%  
Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >15 G/KG.

Routes of Entry: Inhalation:YES Skin:YES

Ingestion:NO

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

Health Hazards Acute and Chronic:INHALATION OF HIGH CONCENTRATIONS MAY CAUSE DROWSINESS, DIZZINESS, HEADACHE, NAUSEA, LUNG IRRITATION. MAY CAUSE CHEMICAL PNEUMONITIS. SKIN CONTACT MAY CAUSE TRANSIENT, SLIGHT IRRITATION. EYE CONTACT MAY CAUSE IRRITATION. INGESTION OF LARGE AMOUNTS MAY CAUSE GASTROINTESTINAL DISCOMFORT, DIARRHEA, HEADACHE.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, DRYING, CRACKING, DERMATITIS, FOLLICULITIS. SUBCUTANEOUS OR INTRAMUSCULAR INJECTION MAY CAUSE IRRITATION, ERYTHEMA, EDEMA. INHALATION: DROWSINESS, DIZZINESS, HEADACHE, NAUSEA, LUNG IRRITATION, CHEMICAL PNEUMONITIS. INGESTION: GI DISCOMFORT, DIARRHEA, HEADACHE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid: EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF SYMPTOMS DEVELOP, GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. INHALATION: MOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. SKIN INJECTION: SUBCUTANEOUS INJECTION IS A MEDICAL EMERGENCY. GET MEDICAL ATTENTION IMMEDIATELY.

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Fire Fighting Measures  
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Flash Point Method: COC

Flash Point: 367F, 186C

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.

Fire Fighting Procedures: USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL SURROUNDING CONTAINERS.

Unusual Fire/Explosion Hazard: WATER MAY CAUSE FROTHING.

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Accidental Release Measures  
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Spill Release Procedures: REMOVE SOURCES OF HEAT OR IGNITION. VENTILATE

AREA. CONTAIN LEAK. ABSORB SMALL SPILLS WITH ABSORBENT MATERIAL. PLACE INTO CONTAINERS FOR LATER DISPOSAL. CONTAIN LARGE SPILLS IN EARTHEN DIKES FOR LATER RECOVERY. REPORT SPILLS TO AUTHORITIES.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions: STORE IN COOL, DRY, WELL VENTILATED AREA AWAY FROM STRONG OXIDIZERS, HIGH HEAT AND FLAME. KEEP

CONTAINERS TIGHTLY CLOSED. PROTECT FROM PHYSICAL DAMAGE.

Other Precautions: EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUE WHICH COULD INCLUDE FLAMMABLE OR EXPLOSIVE VAPORS. CONSULT AUTHORITIES BEFORE REUSING, RECONDITIONING, RECLAIMING, RECYCLING OR DISPOSING OF EMPTY CONTAINERS AND WASTE RESIDUES OF THIS PRODUCT.

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Exposure Controls/Personal Protection  
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Respiratory Protection: NORMALLY NONE REQUIRED. IF HIGH VAPOR OR MIST CONCENTRATIONS EXPECTED, USE RE

SPIRATOR APPROVED FOR ORGANIC VAPORS  
AND MISTS.

Ventilation:USE IN WELL VENTILATED AREAS.IN CONFINED SPACES,MECHANICAL  
VENTILATION MAY BE REQUIRED TO KEEP BELOW MANDATED STANDARDS.

Protective Gloves:OIL IMPERVIOUS GLOVES.

Eye Protection:SAFETY GOGGLES IF SPLASHING CONDITIONS.

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED TO MINIMIZE  
SKIN CONTACT..

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING,

DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

===== Physical/Chemical Properties =====

HCC:V6

Boiling Pt:B.P. Text:586F,308C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres: 1

Spec Gravity:0.87

Viscosity:NOT GIVEN

Evaporation Rate & Reference: