

CITIES SERVICE CO -- CITGO MP ATF DEXRONII/MERCON -- 9150-01-353-4799

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Product Identification  
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Product ID:CITGO MP ATF DEXRONII/MERCON

MSDS Date:05/04/1992

FSC:9150

NIIN:01-353-4799

MSDS Number: BWMKZ

=== Responsible Party ===

Company Name:CITIES SERVICE CO

Address:110 W 7TH

Box:300

City:TULSA

State:OK

ZIP:74102

Country:US

Info Phone Num:918-495-5933/800-424-9300(CHEMTREC)

Emergency P

hone Num:918-495-5933/800-424-9300(CHEMTREC)

CAGE:12518

=== Contractor Identification ===

Company Name:CITIES SERVICE CO

Address:110 W 7TH

Box:300

City:TULSA

State:OK

ZIP:74102

Country:US

CAGE:12518

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Composition/Information on Ingredients  
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Ingred Name:MINERAL OIL, SOLVENT-REFINED HEAVY PARAFFINIC, MILDLY  
HYDROTREATED (CARCINOGENIC - IARC) INGREDIENTS 1&2 TOTAL 87-95%

CAS:64741-88-4

RTECS #:PY8040500

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

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CGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:PETROLEUM OIL INGREDIENTS 1 & 2 TOTAL 87-95 %

CAS:64741-89-5

RTECS #:PY8041500

Other REC Limits:NONE RECOMMENDED

Ingred Name:ANTI-OXIDANT, ANTI-WEAR, DISPERSANT

Fraction by Wt: 3-12% %

Other REC Limits:NONE RECOMMENDED

Ingred Name:DYE

Fraction by Wt: < 1%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS > 5 G/KG

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

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

Health Hazards Acute and Chronic:LOW RISK OF INHALATION AT AMBIENT TEMPERATURES. MISTS OR FUMES MAY CAUSE DROWSINESS, DIZZINESS, HEADACHE, NAUSEA OR LUNG IRRITATION OR CHEMICAL PNEUMONIA. MAY CAUSE TRANSIENT, SLIGHT SKIN IRRITATION. MAY BE MILDLY IRRITATING TO EYES. ON INGESTION OF LARGE QUANTITIES, SLIGHT GI DISCOMFORT MAY OCCUR.

Explanation of Carcinogenicity:MIDDLE DISTILLATES HAVE CAUSED SKIN CANCER IN LABORATORY ANIMALS WHEN REPEATEDLY APPLIED AND LEFT IN PLACE.

Effects of Overexposure:DROWSINESS, DIZZINESS, HEADACHE, NAUSEA, LUNG IRRITATION, CHEMICAL PNEUMONIA, SKIN IRRITATION, EYE IRRITATION, GI DISCOMFORT, DIARRHEA.

Medical Cond Aggravated by Exposure:BECAUSE OF ITS DEFATTING PROPERTIES, PROLONGED AND REPEATED SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS.

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

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING.

WASH WITH SOAP AND WATER.

GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: REMOVE TO FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION. EYE : IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS.

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

Flash Point Method:COC

Flash Point:396F,20

2C

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

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

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:WATER MAY CAUSE FROTHING.

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

Spill Release Procedures:VENTILATE AREA. AVOID BREATHING VAPOR. USE SE

LF-CONTAINED BREATHING APPARATUS. STOP FLOW. WIPE OR MOP UP OR ABSORB WITH DIATOMACEOUS EARTH OR OTHER INERT MATERIAL. STORE IN APPROPRIATE CONTAINER FOR DISPOSAL. AVOID CONTACT WITH SKIN, EYES OR CLOTHING

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===== Handling and Storage =====

Handling and Storage Precautions:MINIMUM FEASIBLE HANDLING TEMPERATURES SHOULD BE MAINTAINED. PERIODS OF EXPOSURE TO HIGH TEMPERATURES SHOULD BE MINIMIZED. AVOID WATER CONTAMINATION.

Other Precautions:MI

USE OF EMPTY CONTAINERS CAN BE HAZARDOUS. EMPTY CONTAINERS CAN BE HAZARDOUS. CUTTING OR WELDING OF EMPTY CONTAINERS MIGHT CAUSE FIRE, EXPLOSION OR TOXIC FUMES FROM RESIDUES.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:AIRBORNE CONCENTRATIONS SHOULD BE KEPT TO LOWEST LEVELS POSSIBLE. IF VAPOR, MIST OR DUST IS GENERATED, USE RESPIRATOR APPROVED BY NIOSH AS APPROPRIATE. SUPPLIED AIR RESPIRATORY PROTECTION SHOULD BE USED FOR CLEAN

NING LARGE SPILLS OR  
TANKS.

Ventilation:PROVIDE ADEQUATE VENTILATION TO MEET COMPONENT OCCUPATIONAL  
EXPOSURE LIMITS.

Protective Gloves:WASH SKIN OFTEN WITH SOAP AND WATER.

Eye Protection:USE CHEMICAL SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. CHEMICALLY  
RESISTANT BOOTS AND APRONS RECOMMENDED.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE  
EATING, DRINKING OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE  
REUSE.

Supplemental S  
afety and Health

DISCARD CONTAMINATED LEATHER GLOVES AND SHOES.

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

HCC:V6

Boiling Pt:B.P. Text:621F,327C

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

Vapor Pres:NIL

Vapor Density:> 1

Spec Gravity:0.87

Evaporation Rate & Reference:< 1 (BUTYL ACETATE = 1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:RED LIQUID, SLIGHT ODOR

Percent Volatiles by Volume:NIL

===== Stability and Reactivity Data =====

Stab

ility Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES  
OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

===== Disposal Considerations =====

Waste Disposal Methods:THIS PRODUCT HAS BEEN EVALUATED FOR RCRA  
CHARACTERISTICS AND DOES NOT MEET THE CRITERIA OF A HAZARDOUS WASTE  
IF DISCHARGED IN ITS PURCHASED FORM. USED MATERIAL MAY BE  
HAZARDOUS. DIS

## POSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS

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