

CITGO PETROLEUM CORP -- CITGO PREMIUM GEAR OIL (MP) 80W-90; 31-310 -- 9150-01-313-2191

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Product Identification  
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Product ID:CITGO PREMIUM GEAR OIL (MP) 80W-90; 31-310

MSDS Date:03/12/1996

FSC:9150

NIIN:01-313-2191

MSDS Number: BPFMM

=== 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

Emergency 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

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Composition/Information on Ingredients  
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Ingred Name:REFINED HEAVY PARAFFINIC DISTILLATES (ALSO CAS#64742-01-4  
AND #64742-62-7 AS MIXTURE.)

CAS:64741-88-4

Fraction by Wt: >90.0%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 (OIL MIST)  
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:OXIDATION AND RUST INHIBITOR  
Fraction by Wt: 0-10%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:POUR DEPRESSANT  
Fraction by Wt: 0-5%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:VI IMPROVER  
Fraction by Wt: 0-5%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:TACHNESS AGENT  
Fraction by Wt: 0-2%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:ANTI FOAM AGENT  
Fraction by Wt: 0-0.1%  
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: IRRITATION OF EYES, SKIN,  
RESPIRATORY OR GASTROINTESTINAL TRACTS; CNS EFFECTS LIKE HEADACHE,  
DIZZINESS, NAUSEA AND VOMITING. REDNESS OF EYES/SKIN POSSIBLE.  
CHRONIC: DRYING OF SKIN, DEFATTING OR DERMATITIS, DAMAGE TO LUNGS.  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of  
Overexposure:SKIN & EYES: MAY CAUSE IRRITATION OF EYES,  
SKIN, RESPIRATORY. PROLONGED CONTACT WITH SKIN MAY CAUSE DRYING,  
CRACKING (DERMATITIS) OR FOLLICULITIS; INHALATION: MIST MAY CAUSE  
HEADACHE, DIZZINESS, NAUSE A. INGESTION: MAY CAUSE VOMITING OR GI  
TRACT DISTURBANCES AND UPSET OF STOMACH.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHAL: REMOVE TO FRESH AIR. RESPIRATORY

SUPPORT, IF

NECESSARY. SKIN: WASH WITH SOAP AND WATER. DO NOT WEAR HEAVILY CONTAMINATED CLOTHING UNTIL LAUNDERED. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES . INGEST: VOMITING MAY BE INDUCED FOR LARGE QUANTITIES. INJECTION: SUBCUTANEOUS INJECTION IS A MEDICAL EMER. CALL MD IMMEDIATELY.

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

Flash Point Method:COC

Flash Point:155-286C

Extinguishing Media:CO2, DRY CHEMICAL, FOAM, WATER FOG.

Fire Fighting Proc

edures:NONE.

Unusual Fire/Explosion Hazard:WATER MAY CAUSE FROTHING.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;CONTAIN FREE MATERIAL IF POSSIBLE;USE SUITABLE INERT ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED

AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:CONSULT APPROP FED, ST & LOCAL AUTHORITIES BEFORE REUSING, RECONDITIONING, RECLAIMING, RECYCLING/DISPOSING OF EMPTY CNTNRS AND/OR WASTE RESIDUES OF PROD. WASH EXPSD SKIN THORO W/SOAP AND WATER. REMOVE & CLEAN SOILED CLTHG BEFORE REUSE.

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

Respiratory Protection:NONE REQUIRE D DURING NORMAL USE. NIOSH/MSHA

APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:NONE AT AMBIENT TEMPERATURES, VENTILATE IF FUMES OR MISTS DEVELOP.

Protective Gloves:NATURAL OR SYNTHETIC RUBBER.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:NONE.

Work Hygienic Practices:WASH EXPOSED SKIN THOROUGHLY WITH SOAP AND WATER.

Supplemental Safety and Health  
ELIMINATE HEAT AND IGNITION SOURCES.

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

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HCC:V6

Boiling Pt:B.P. Text:700F,371C

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

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:1.0

Spec Gravity:0.89

Evaporation Rate & Reference: