

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

=====
Product Identification
=====

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

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

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

=====
===== 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 S

UPPORT, 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 Proce

dures: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 COO

L, 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 REQUIRED

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 =====

=====

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: