

CITGO PETROLEUM CORP -- GEAR LUBRICANT 75W-90 -- 9150-01-035-5391

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Product Identification
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Product ID:GEAR LUBRICANT 75W-90
MSDS Date:09/11/1997
FSC:9150
NIIN:01-035-5391
Status Code:A
MSDS Number: CJFNJ
=== Responsible Party ===
Company Name:CITGO PETROLEUM CORP
Box:3758
City:TULSA
State:OK
ZIP:74102
Country:US
Info Phone Num:918-495-5933
Emergency Phone Num:918-495-4700
Chemtrec Ind/P
hone:(800)424-9300
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
Company Name:SDB CONSULTANTS LTD
Address:401 WHITNEY AVE SUITE 120
Box:City:GRETNA
State:LA
ZIP:70056
Country:US
Phone:504-366-9105
Contract Num:SP045099MB138
CAGE:0PGK2

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Composition/Information on Ingredients
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Ingred Name:SYNTHETIC LUBRICANT
= Wt:100.

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION: LOW RISK OF INHALATION.
SKIN: CAN CAUSE MILD TRANSIENT SKIN IRRITATION. EYES: CAN CAUSE
MILD EYE IRRITATION. INGESTION:CAN CAUSE GENERALIZED DISCOMFORT.
CHRONIC: PROLONGED AND/OR FREQU ENT CONTACT MAY CAUSE DRYING,
CRACKING (DERMATITIS) OR FOLLICULITIS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: IN ENCLOSED SPACES OR WHEN HOT,
VAPORS MAY REACH CONCENTRATIONS SUFFICIENT TO CAUSE DROWSINESS,
DIZZINESS, HEADACHE, NAUSEA, OR LUNG IRRITATION. SKIN: MILD
TRANSIENT IRRITATION. EYES: MILD EYE IRRITATION. INGESTION:
INGESTION CAN CAUSE GENERALIZED DEPRESSION, HEADACHE, DROWSINESS,
NAUSEA, VOMITING, OR DIARRHEA.

Medical Cond Aggravated by Exposure:NONE

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First Aid Measures
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First Aid:INHALATION: MOVE VICTIM TO FRESH AIR. IF NOT BREATHING, GIVE
CPR. IF BREATHING IS DIFFICULT, GIVE 100% HUMIDIFIED OXYGEN. SEEK
MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.. WASH
EXPOSED SKI N WITH SOAP & WATER. LAUNDRER CLOTHING BEFORE REUSE.
SEEK MEDICAL CARE IF IRRITATION OCCURS. EYES: FLUSH WITH COOL WATER
WHILE OCCASIONALLY LIFTING & LOWERING EYELIDS. REMOVE CONTACT
LENSES. SEEK MEDIC AL ATTENTION IF TEARING, IRRITATION OR PAIN
PERSISTS. INGE
STION: INDUCE VOMITING ONLY UPON THE ADVICE OF A
PHYSICIAN.

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Fire Fighting Measures
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Flash Point Method:COC
Flash Point:=204.4C, 400.F
Autoignition Temp:Autoignition Temp Text:N/D
Lower Limits:N/D
Upper Limits:N/D
Extinguishing Media:CO2, DRY CHEMICAL, FOAM, WATER FOG
Fire Fighting Procedures:NONE
Unusual Fire/Explosion Hazard:WATER MAY CAUSE FROTHING

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Accidental Release Measures
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Spill Release Procedures:R

REMOVE SOURCES OF HEAT OR IGNITION, PROVIDE VENTILATION, CONTAIN LEAK. SMALL SPILLS: ABSORB RELEASED MATERIAL W/ NON-COMBUSTIBLE ABSORBENT. LARGE SPILLS: EVACUATE AREA IN THE EVENT OF SIGNIFICANT SPILLS. ADEQUATELY VENTILATE AREA AND DETERMINE POTENTIAL EXPOSURE CONDITIONS. USE PROTECTIVE CLOTHING. CONTAIN SPILL IN TEMPORARY DIKES.

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

Handling and Storage Precautions: KEEP CONTAINERS AWAY FROM HEAT & FLAME. I

INSPECT EMPTY CONTAINERS BEFORE USE. THEY MAY CONTAIN PRODUCT RESIDUES WHICH COULD BE FLAMMABLE/EXPLOSIVE.

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

Respiratory Protection: IF ELEVATED VAPOR OR MIST CONCENTRATIONS ARE ANTICIPATED, USE RESPIRATOR APPROVED FOR ORGANIC VAPORS AND MISTS.

Ventilation: IN CONFINED SPACES: MECHANICAL VENTILATION MAY BE REQUIRED.

Protective Gloves: USE GLOVES OF IMPERVIOUS MATERIALS IF FREQUENT OR PROLONGED CONTACT IS EXPECTED.

Eye Protection:

SAFETY GLASSES OR CHEMICAL SPLASH GOGGLES IF SPLASHING IS ANTICIPATED.

Other Protective Equipment: BODY COVERING WORK GARMENTS.

Work Hygienic Practices: REMOVE/LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

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

HCC: V6

Boiling Pt: =337.8C, 640.F

Vapor Pres: $\sim 4 \times 10^{-4}$ (25C)

Vapor Density: >1

Spec Gravity: 0.91

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

Solubility in Water: NEGLIGIBLE

Appearance and Odor: DARK COLORED LIQUID W/ PUNGENT ODOR.

Percent Volatiles by Volume: NEGLIGIBLE

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

Stability Indicator/Materials to Avoid: YES

OXIDIZING AGENTS

Stability Condition to Avoid: NONE

Hazardous Decomposition Products: TRACE OXIDES OF NITROGEN, PHOSPHORUS, & SULFUR.

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===== Toxicological Information =====

Toxicological Information: GENERALLY OF A LOW ORDER OF TOXICITY

OXICITY.

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

Waste Disposal Methods:IT'S THE RESPONSIBILITY OF THE USER TO DETERMINE IF MATERIAL IS A HAZARDOUS WASTE AT TIME OF DISPOSAL. CHECK BEFORE DISPOSING TO BE SURE IT'S IAW/FEDERAL, STATE & LOCAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:PROPER SHIPPING NAME: PETROLEUM LUBRICATING OILS. HAZARD CLASS: NOT REQUIRED. HAZARD IDENTIFICATION NO: NOT REQUIRED.

===== Regulatory Information =====

SARA Title III Information:NONE

Federal Regulatory Information:UNDER THE CLEAN WATER ACT, DISCHARGES OF CRUDE OIL AND PETROLEUM PRODUCTS TO SURFACE WATER WITHOUT PROPER FEDERAL AND STATE PERMITS MUST BE REPORTED IMMEDIATELY TO THE NATIONAL RESPONSE CENTER AT 800- 424-8802.

===== Other Information =====

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