

CITGO PETROLEUM CORP -- CITGO NO 93423, 10W MILITARY -- 9150-00-186-6668

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Product Identification
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Product ID:CITGO NO 93423, 10W MILITARY

MSDS Date:05/17/1991

FSC:9150

NIIN:00-186-6668

MSDS Number: BPBSH

=== 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, CHEMTREC 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

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Composition/Information on Ingredients
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Ingred Name:REFINED HEAVY PARAFFINIC DISTILLATES CONTAINING: CAS #

64741-89-5

CAS:64741-88-4

Fraction by Wt: 75-90%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (O

IL MIST)

Ingred Name:PETROLEUM OIL, THIS ING. IS A PART OF THE MIXTURE OF ING.
#1.

CAS:64741-89-5

RTECS #:PY8041500

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 OIL MIST

ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:POUR DEPRESSANT

Fraction by Wt: < 1%

Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS > 5,000 MG/KG

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

Reports of Carcinogenicity:NTP:NO

IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-EYES:PRACTICALLY

NON-IRRITANT.SKIN: TRANSIENT,SLIGHT IRRITATION.INHALATION:LOW RISK
AT AMBIENT TEMPERATURES. MISTS/FUMES MAY CAUSE
DIZZINESS,HEADACHE,RESPIRATORY IRRITATION/CHEMICAL PNEUMONITIS.
INGESTION:LOW TOXICITY.AT A SAYBOLT VISCOSITY OF 220SUS(100F), LOW
ASPIRATION RISK.LARGE DOSE->DIARRHEA.CHRONIC-DRY SKIN

Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS

CURRENTLY CLASSIFIED AS CARCINOGENIC BY

NTP, IARC OR OSHA.

Effects of Overexposure:FUMES MAY CAUSE DIZZINESS, HEADACHE, NAUSEA,
RESPIRATORY IRRITATION, OR CHEMICAL PNEMONITIS. INGESTION OF LARGE
QUANTITIES MAY CAUSE SLIGHT GI DISCOMFORT, DIARRHEA, HEADACHE,
SUBCUTANEOUS OR INTRAMUSC ULAR INJECTION MAY CAUSE IRRITATION,
ERTHEMA, EDEMA.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION: REMOVE FROM EXPOSURE TO I
NCIDENTAL FUMES AND

PROVIDE RESPIRATORY SUPPORT IF NECESSARY. DERMAL: WASH WITH SOAP
AND WATER. EYES: FLUSH WITH LARGE AMOUNTS OF WATER. INGESTION:
INDUCE VOMITING AND SEEK MEDICAL AID. INJECTION: SEEK MEDICAL AID.

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

Flash Point Method:COC

Flash Point:450F,232C

Lower Limits:NOT KNOWN

Upper Limits:NOT KNOWN

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL. DO NOT POINT WATER STREAM DIRECT

LY INTO BURNING OIL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:USE OF WATER OR FOAM MAY CAUSE FROTHING.

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

Spill Release Procedures:REMOVE SOURCES OF HEAT/IGNITION.PROVIDE ADEQUATE VENTILATION.TAKE UP SMALL SPILLS WITH NONCOMBUSTIBLE ABSORBENT (FULLERS EARTH/SAND).PLACE INTO CONTAINERS.LARGE SPILLS:CONTAIN SPILL IN EARTHEN DIKES FO R LATER RECOVERY.REPORT SPILLS AS REQUIRED.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORAGE-STORE IN A COOL,WELL VENTILATED AREA.AVOID INHALATION & SKIN CONTACT ESPECIALLY WHEN HANDLING USED OIL.

Other Precautions:AVOID CONTACT WITH EYES/SKIN.REPEATED CONTACT WITH USED OIL CAUSED CANCER IN L ABORATORY ANIMALS.WASH HANDS WITH SOAP AND WATER AFTER HANDLING.REMOVE SOILED CLOTHING.AVOID BREATHING MISTS/VAPORS.

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

Respiratory Protection:CONCENTRATION-IN-AIR DETERMINES PROTECTION DEEDED. WEAR APPROVED ORGANIC VAPOR RESPIRATOR SUITABLE FOR OIL MIST IN AREAS WITH SUFFICIENT OXYGEN.PROTECTION USUALLY NOT NEEDED UNLESS PRODUCT IS HEATED O R MISTED.

Ventilation:VENTILATE AS NEEDED TO COMPLY WITH EXPOSURE LIM IT.

Protective Gloves:NITRILE

Eye Protection:SPLASH PROOF CHEMICAL GOGGLES

Other Protective Equipment:EYE WASH STATION.BODY-COVERING WORK CLOTHES TO AVOID PROLONGED EXPOSURE.LAUNDER SOILED WORK CLOTHES BEFORE REUSE.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

NOTE TO PHYSICIAN: FOLLOWING INGESTION, AT A SAYBOLT VISCOSITY OF ABOUT 187 AT 100F, THE RISK

OF ASPIRATION INTO THE LUNGS IS REDUCED. FOR
QUANTITIES ABOVE 1 OUNCE, EMESIS OR LAVAGE MAY BE CONSIDERED.
SUBCUTANEOUS INJECTION REQUIRES PROMPTSURGICAL DEBRIDEMENT. IF NOT
FAMILIAR WITH TECHNIQUE, SEEK SKILLED ADVICE.

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

HCC:V4

Boiling Pt:B.P. Text:650F,343C

Vapor Pres:< 0.001

Vapor Density:>1

Spec Gravity:0.89

Evaporation Rate & Reference: