

## **OMC HI-VIS GEAR LUBE 31-250, 173241**

### **MSDS Number**

BLMHW

### **National Stock Number**

9150-00N021275

### **Product Name**

OMC HI-VIS GEAR LUBE 31-250, 173241

### **Manufacturer**

CITGO PETROLEUM CORP

### **Product Identification**

Product ID:OMC HI-VIS GEAR LUBE 31-250, 173241

MSDS Date:05/08/1989

FSC:9150

NIIN:00N021275

MSDS Number: BLMHW

### **Responsible Party**

CITGO PETROLEUM CORP

TULSA , OK 74102

Emergency Phone: 318-491-6215 800-424-9300(CHEMTREC)

Info Phone: 918-495-5933

Cage: 7X110

### **Contractor**

CITGO PETROLEUM CORP

3758

TULSA, OK 74102

US

918-495-5933

Cage: 7X110

### **Ingredients**

REFINED HEAVY PARAFFINIC DISTILLATES

CAS: 64741-88-4

Fraction By Weight: 97-99%

OSHA PEL5 MG/M3 (OIL MIST)

ACGIH TLV: 5 MG/M3 (OIL MIST)

EXTREME PRESSURE, OXIDATION AND RUST INHIBITOR

Fraction By Weight: 1-4%

VI IMPROVER

Fraction By Weight:

REQS PROMPT SURGICAL DEBRIDEMENT. IF NOT

RTECS: 9999999ZZ

AT 100 F=740.

RTECS: 9999999ZZ

MANDATED STANDARDS AS EVALUATED BY DESIGNATED

RTECS: 9999999ZZ

## Hazards

LD50 LC50 Mixture:LD50: (ORAL,RAT) >15 G/KG.

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

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

Health Hazards Acute and Chronic:ACUTE: INHAL: LOW RISK OF INHALATION.  
IN ENCLOSED SPACES/WHEN HOT, VAPORS MAY REACH CONCENTRATIONS  
SUFFICIENT TO CAUSE DROWSINESS, DIZZINESS, HEADACHE, NAUSEA, OR  
LUNG IRRITATION. MISTS ABOVE TLV MAY CAUSE CHEM PNEUM. SKIN: LOW  
IRRITANT. EYE: MAY BE MILDLY (SEE EFTS OF OVEREXP)

Explanation of Carcinogenicity:CAS NO.64741-88-4 IS LISTED BY THE RTECS  
AS AN IARC GROUP 1 CARCINOGEN.

Effects of Overexposure:HLTH HAZ: IRRIT. INGEST: GENERALLY LOW  
TOXICITY. VERY LARGE AMOUNTS MAY CAUSE GENERALIZED DEPRESSION,  
HEADACHE, DROW, NAUS, VOMIT/DIARRHEA. SMALL DOSES MAY PRODUCE  
IRRITATION AND DIARRHEA. INJECTION: ERYTHEMA, EDEMA, IRRIT.  
CHORNIC: PROLONGED AND/OR FREQUENT CONTACT MAY CAUSE DRYING,  
CRACKING (DERM) OR FOLLICULITIS.

Medical Cond Aggravated by Exposure:NONE.

## First Aid

First Aid:INHAL: REMOVE TO FRESH AIR. RESP SUPPORT IF NEC. SEEK MED  
AID. SKIN: WASH W/SOAP & H2O. DO NOT WEAR HEAVILY CONTAM CLTHG  
BEFORE LAUNDERING. EYE: FLUSH W/LRG VOL OF H2O FOR AT LEAST 15 MIN.  
SEE PHYS IF ANY COMPLICATIONS ARISE. INGEST: DO NOT INDUCE  
VOMITING. SEEK MED AID. INJECTION: SUBCUTANEOUS INJECTION IS MED  
EMER. SEEK MED AID IMMED. NOTES TO PHYS: IF VISCOSITY IS AT 100 F, (SUP DAT)

## Fire Fighting

Flash Point Method:COC

Flash Point:460F,238C

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

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL  
PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:WATER MAY CAUSE FROTHING.

## Accidental Release

Spill Release Procedures:REMOVE SOURCES OF HEAT OR IGNITION, PROVIDE  
ADEQ VENT, CONTAIN LEAK. SMALL SPILLS: ABSORB WITH SUITABLE  
MATERIAL SUCH AS RAGS, STRAW OR SAND. LRG SPILLS: CONTAIN SPILL IN  
EARTHEN DIKES FOR LATER RECOV ERY. REPORT SPILLS AS REQD TO APPROP  
AUTHORITIES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:STORE BELOW 150 F DO NOT APPLY HIGH  
HEAT OR FLAME TO CONTAINER. KEEP SEPARATE FROM STRONG OXIDIZING  
AGENTS.

Other Precautions:EMPTY CNTNRS MAY CONTAIN PRODUCT RESIDUE WHICH COULD  
INCLUDE FLAMMABLE OR EXPLOSIVE VAPS. CONSULT APPROP FED, STATE &  
LOCAL AUTHORITIES BEFORE REUSING, RECONDITIONING, RECLAIMING,  
RECYCLING/DISP OF EM PTY CNTNRS &/OR WASTE RESIDUES OF PROD.

## Exposure Controls

Respiratory Protection:NORMALLY NONE REQUIRED. IF HIGH VAPOR OR MIST  
CONCETRATIONS EXPECTED-USE NIOSH/MSHA APPROVED RESPIRATOR FOR  
ORGANIC VAPORS AND MISTS.

Ventilation:USE IN WELL VENT AREA. IN CONFINED SPACES, MECH VENT MAY BE REQD TO KEEP LEVS OF CERTAIN COMPONENTS BELOW (INGRED 6)

Protective Gloves:OIL IMPERVIOUS GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:WEAR BODY-COVERING WORK CLOTHES TO AVOID PROLONGED OR REPEATED EXPOSURE.

Work Hygienic Practices:LAUNDER SOILED WORK CLOTHES BEFORE REUSE.

Supplemental Safety and Health

% VOLAT: NEGLIGIBLE. FIRST AID PROC: CAREFUL GASTRIC LAVAGE W/TIGHT

FITTING/CUFFED TUBE IS TO BE PREFERRED OVER EMESIS. IF VISCOSITY IS

>100 SUS @ 100 F, EMESIS MAY BE INDUCED FOR LRG QTYS. ASPIR MAY

CAUSE CHEM PNEUM/LIPOID PNEUM. SUBCUTANEOUS INJECTION (ING 4)

## Chemical Properties

HCC:V6

Boiling Pt:B.P. Text:750F,399C

Vapor Pres:Vapor Density:>1

Spec Gravity:0.89

Evaporation Rate & Reference:Solubility in Water:NEGLIGIBLE

Appearance and Odor:AMBER LIQUID, SLIGHT SULFURIZED ODOR.

Percent Volatiles by Volume:SUPDAT

## Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDANTS.

Stability Condition to Avoid:NONE.

Hazardous Decomposition Products:CO<sub>2</sub>, (CO UNDER INCOMPLETE COMBUSTION)

## Disposal

Waste Disposal Methods:IT IS RESPONSIBILITY OF USER TO DETERMINE IF MATERIAL IS HAZ WASTE AT TIME OF DISPOSAL. CHECK BEFORE DISPOSING TO BE SURE YOU ARE IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.