

YAMALUBE 4-CYCLE, SAE 10W-30

MSDS Number

CBYXH

National Stock Number

9150-00N072767

Product Name

YAMALUBE 4-CYCLE, SAE 10W-30

Manufacturer

CITGO PETROLEUM CORP

Product Identification

Product ID:YAMALUBE 4-CYCLE, SAE 10W-30

MSDS Date:07/14/1994

FSC:9150

NIIN:00N072767

MSDS Number: CBYXH

Responsible Party

CITGO PETROLEUM CORP

TULSA , OK 74102

US

Emergency Phone: 918-491-6215;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

MINERAL OIL, (PETROLEUM DISTILATES, SOLVENT-REFINED (SEV)

CAS: 64741-88-4

RTECS: PY8040501

Fraction By Weight: >70%

OSHA PELN/K

ACGIH TLV: N/K

MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-REFINED

CAS: 64741-89-5

RTECS: PY8041501

OSHA PELN/K

ACGIH TLV: N/K

ANTIOXIDANT; (ANTIOXIDANT AND DETERGENT) CONTAINS

Fraction By Weight:

OSHA PELN/K

ACGIH TLV: N/K

PHOSPHORODITHIOIC ACID, DIALKYL ESTER, ZINC SALT; (ZINC

RTECS: TD5550000

Fraction By Weight:

OSHA PELN/K

ACGIH TLV: N/K

VI IMPROVER

Fraction By Weight:

OSHA PELN/K

ACGIH TLV: N/K

800-424-9346. CONSULT APPROP FED, STATE &

RTECS: 9999999ZZ

RECYCLING OR DISPOSING OF EMPTY CONTAINERS AND/OR

RTECS: 9999999ZZ

DIRECT CONTACT IS EXPECTED. OIL IMPERVIOUS

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:SEE INGREDIENT 1

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

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

Health Hazards Acute and Chronic:ACUTE:INHAL:LOW RISK AT AMBIENT TEMPS.

MISTS/FUMES MAY CAUSE DIZZ, HDCH, NAUS, RESP IRRIT/CHEM PNEUM.

SKIN:TRANSIENT, SLIGHT IRRIT. EYE CONT:PRACTICALLY NON-IRRIT.

INGEST:LOW TOX. ON INGEST OF LG QTYS SLIGHT GI DISCOMFORT, DIARR & HDCH MAYOCCUR. INJECTION:SUBCUTANEUS/INTRAMUSCULAR INJECTION MAY CAUSE (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZS:IRRIT, ERYTHEMA, EDEMA.

CHRONIC:DERMAL, PRLNGD & RPTD EXPOS MAY CAUSE DRYING OF SKIN.

CAUTN:AVOID PLRNGD SKIN CONT W/USED MOTOR OILS. CONTINUOUS CONT W/USED OILS HAS CAUSED SKIN CANCER IN LA B ANIMALS. AFTER DRAINING OIL, WASH SKIN THORO W/SOAP & WATER.

Medical Cond Aggravated by Exposure:NONE.

First Aid

First Aid:INHAL:REMOVE FROM EXPOS TO INCIDENTAL FUMES & PROVIDE RESP SUPPORT IF NEC. SKIN:WASH W/SOAP & WATER. EYES:FLUSH W/LG VOLS OF WATER FOR @ LST 15 MIN. INGEST:INDUCE VOMIT & SEEK MED AID.

INJECTION:SEEK MED AID. NOTES TO MD:FOLLOWING INGEST, AT SAYBOLT VISCOSITY OF ABOUT 378 @ 100F, RISK OF ASPIR INTO LUNGS IS SLIGHT. FOR QTYS >1 OZ, LAVAGE MAY BE CONSIDERED. SUBCUTANEOUS INJECTION REQ5 (SUPP DATA)

Fire Fighting

Flash Point Method:PMCC
Flash Point:383F,195C
Extinguishing Media:CO*2, DRY CHEMICAL, FOAM, WATER FOG.
Fire Fighting Procedures:WEAR NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard:WATER MAY CAUSE FROTHING.

Accidental Release

Spill Release Procedures:REMOVE SOURCES OF HEAT/IGNIT. PROVIDE ADEQ VENT. SM SPILLS:TAKE UP W/NONCOMBUST ABSORB SUCH AS FULLERS EARTH/SAND. PLACE INTO CNTNRS FOR LATER DISP. LG SPILLS:CNTN SPILL IN EARTHEN DIKES FOR LATER REC OVERY. CTL IGNIT SOURCES AROUND SPILL (SUPP DATA)
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:EMPTY CONTAINERS MAY CONTAIN RESIDUE WHICH COULD INCLUDE FLAMMABLE OR EXPLOSIVE VAPORS. AVOID PROLONGED CONTACT WITH USED OIL.
Other Precautions:KEEP CONTAINER TIGHTLY CLOSED AND AWAY FROM HEAT AND FLAME.

Exposure Controls

Respiratory Protection:IF HIGH VAPOR CONCENTRATION IS EXPECTED, USE NIOSH RESPIRATOR APPROVED FOR ORGANIC VAPORS.
Ventilation:USE IN WELL VENTD AREA. IN CONFINED SPACES, MECH VENT MAY BE REQ TO KEEP LEVELS OF CERTAIN COMPONENTS BELOW (SUPP DATA)
Protective Gloves:USE POLYMER GLOVES IF EXTENDED, (ING 7)
Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .
Other Protective Equipment:ANSI APPRVD EMER EYEWASH & DELUGE SHOWER . WEAR BODY-COVERING WORK CLTHS TO AVOID PRLNGD/RPTD EXPOS.
Work Hygienic Practices:WASH EXPOSED SKIN THOROUGHLY WITH SOAP AND WATER. REMOVE SOILED CLOTHING. LAUNDER SOILED WORK CLOTHES BEFORE REUSE.
Supplemental Safety and Health
SPEC GRAV:0.88 (60/60F) (H*20=1). VP:VOLAT:NEGLIGIBLE. FIRST AID PROC:PROMPT SURGICAL DEBRIDEMENT. IF NOT FAMILIAR W/TECHNIQUE, SEEK SKILLED ADVICE. SPILL PROC:AREA. RPT SPILLS AS R EQ TO APPROP AUTHS. VENT:MANDATED STDS.RESPONSIBLE INDIVIDUALS SHOULD EVAL AIR CONCS OF SPECIFIC REGULATED CHEMS.

Chemical Properties

Boiling Pt:B.P. Text:649F,343C
Vapor Pres:SUPP DATA
Vapor Density:>1
Spec Gravity:SUPP DATA
Evaporation Rate & Reference:Solubility in Water:NEGLIGIBLE (BY WT)
Appearance and Odor:AMBER LIQUID, MILD ODOR.
Percent Volatiles by Volume:SUPDAT

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDANTS, STRONG ACIDS, CAUSTICS.
Stability Condition to Avoid:NONE.
Hazardous Decomposition Products:CO*2, (CO UNDER INCOMPLETE COMBUSTION), TRACES OF OXIDES OF S, ZN AND P.

Disposal

Waste Disposal Methods:IT IS RESPONSIBILITY OF USER TO DETERM IF MATL IS HAZ WASTE AT TIME OF DISP. CHECK BEFORE DISPOSING TO BE SURE YOU ARE IN COMPLIANCE W/ALL APPLIC LAWS & REGS. TREAT USED OIL ACCORDING TO CURRENT RULES & REGS. CHEMTREC/RCRA EMER HOTLINE #: (ING 5)

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