

=====MSDS=====

Safety Information

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FSC:MSDS Date:MSDS Num:

915005/12/1994BXRJ

Submitter:LIIN:Tech Review:Status CD:

N EN00N02198604/28/1995C

Product ID:MFN:

01817 HAVOLINE MOTOR OIL 10W-3002

Article:Kit Part:

NN

Cage:

Responsible PartyOTTJ3

Name:

TEXACO LUBRICANTS CO

Box:

4427

City:State:Zip:

HOUSTONTX77210-4427

Country:

US

Info Phone Number:

914-831-3400

Emergency Phone Number:

800-424-9300 (CHEMTREC)

Preparer's Name:

N/P

Proprietary Ind:

NReview Ind: N

Published: YSpecial Project CD: N

=====Contractor=====

Summary

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[TOP](#)

Cage:Name:

59595TEXACO INC CORPORATE HQ

Address:Box:

2000 WESTCHESTER AVEN/K

City:State:Zip:

WHITE PLAINSNY10604

Country:Phone:

US914-253-4000

Cage:Name:

OTTJ3TEXACO LUBRICANTS

Address:Box:

4164 E INNSLAKE DR4427

City:State:Zip:

GLEN ALLEN
Country:

Phone:

VA

23060

US

804-527-4311

Ingredients

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Cas: 25103-54-2

M

X

Code:

RTECS #:

Code:

Name: ZINC O,O-BISISODECYL DITHIOPHOSPHATE. % WT:0.10-0.99

% Text: SEE ING

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

N/K (FP N)

Code: M OSHA
STEL:

Code:

ACGIH TLV: N/K (FP N)

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT
Rpt
Qty:

Ozone Depleting Chemical:

Cas:

X

9999999ZZ

M

Code:

RTECS #:

Code:

Name: SUPDAT:MATERIALS HAZARDOUS. DISPOSAL MUST BE I/A/W FEDERAL, STATE AND LOCAL
REGULATIONS (FP N).

% Text: N/K

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

NOT APPLICABLE

Code: M OSHA
STEL:

Code:

ACGIH TLV: NOT APPLICABLE

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT
Rpt
Qty:

Ozone Depleting Chemical:

Cas:

X

9999999ZZ

M

Code:

RTECS #:

Code:

Name: RESP PROT:CONCENTRATION OF CONTAMINANT OR OXYGEN CONTENT IS UNKNOWN.

% Text: N/K

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

NOT APPLICABLE

Code: M OSHA
STEL:

Code:

ACGIH TLV: NOT APPLICABLE

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT
Rpt
Qty:

Ozone Depleting Chemical:

Cas:

X

999999ZZ

M

Code:

RTECS #:

Code:

Name: HYGIENE PRACT:LAUNDERED OR DRY-CLEANED.

% Text: N/K

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

NOT APPLICABLE

Code: M OSHA
STEL:

Code:

ACGIH TLV: NOT APPLICABLE

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT
Rpt
Qty:

Ozone Depleting Chemical:

Cas:

X

X

Code:

RTECS #:

Code:

Name: ALKENYLSUCCINIMIDE DISPERSANT

% Text: 3-9.99

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

N/K (FP N)

Code: M OSHA
STEL:

Code:

ACGIH TLV: N/K (FP N)

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT
Rpt
Qty:

Ozone Depleting Chemical:

Cas: 64742-65-0

M

PY8038501

M

Code:

RTECS #:

Code:

Name: MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY PARAFFINIC (SEVERE SOLVENT-REFINING AND/OR (ING 2)

% Text: SEE ING

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

N/K (FP N)

Code: M OSHA
STEL:

Code:

ACGIH TLV: N/K (FP N)

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT
Rpt
Qty:

Ozone Depleting Chemical:

N

Cas:

X

9999999ZZ

M

Code:

RTECS #:

Code:

Name: ING 1:HYDROTREATMENT); (SEVERELY SOLVENT REFINED, SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES). % WT:50-64.99

% Text: N/K

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

NOT APPLICABLE

Code: M OSHA
STEL:

Code:

ACGIH TLV: NOT APPLICABLE

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT
Rpt
Qty:

Ozone Depleting Chemical:

Cas: 64742-56-9

M

PY8039501

M

Code:

RTECS #:

Code:

Name: MINERAL OIL, PETRO DISTILLATES, SOLVENT-DEWAXED LIGHT PARAFFINIC (SEV SOLV-REFINING AND/OR HYDROTREATMENT-); (ING 4)

% Text: SEE ING

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

300 PPM

Code: M OSHA
STEL:

Code:

ACGIH TLV: 300 PPM

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT
Rpt
Qty:

Ozone Depleting Chemical:

N

Cas:

X

9999999ZZ

M

Code:

RTECS #:

Code:

Name: ING 3:(SOLVENT DEWAXED LIGHT PARAFFINIC PETROLEUM DISTILLATE). WT:20-34.99.

% Text: N/K

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

NOT APPLICABLE

Code: M OSHA
STEL:

Code:

ACGIH TLV: NOT APPLICABLE

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT
Rpt
Qty:

Ozone Depleting Chemical:

Hazards Data

Health

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LD50 LC50 Mixture

LD50:(ORAL,RAT) >5 G/KG

Route Of Entry Inds – Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds – NTP: NO

IARC: NO

OSHA: NO

Health Hazards Acute And Chronic

ACUTE:EYES:MAY CAUSE MINIMAL IRRIT, EXPERIENCED AS TEMP DISCOMFORT. SKIN:BRIEF CONT IS NOT IRRIT. PRLNGD CONT, AS W/CLTHG WETTED W/MATL, MAY CAUSE DEFAT OF SKIN/IRRIT, SEEN AS LOC REDNESS W/POSS MILD DISCOMFORT. INHAL:VAPS/MIST, IN EXCESS OF PEL CONC/IN UNUSUALLY HIGH CONC GENERATED FROM SPRAYING, (EFTS OF OVEREXP)

Explanation Of Carcinogenicity

NOT RELEVANT.

Signs And Symptions Of Overexposure

HLTH HAZ:HEATING MATL/AS FROM EXPOS IN POORLY VENTILATED AREAS/CONFINED SPACES, MAY CAUSE IRRIT OF NOSE & THROAT, HDCH, NAUS, & DROW. INGEST:IF MORE THAN SEVERAL MOUTHFULS ARE SWALLOWED, ABDOM DISCOMF ORT, NAUS, & DIARR MAY OCCUR. CHRONIC:USED GASOLINE MOTOR OILS HAVE BEEN SHOWN TO CAUSE SKIN CANCER WHEN RPTDLY (SUPDAT)

Medical Cond Aggravated By Exposure

BECAUSE OF ITS DEFATTING PROPERTIES, PROLONGED & REPEATED SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS (SKIN CONDITION).

First Aid

EYES:FLUSH W/PLENTY OF WATER FOR @ LEAST 15 MINS. GET MED ATTN IF IRRIT PERSISTS. SKIN:WASH W/PLENTY OF SOAP & WATER FOR SEVERAL MINS. GET MED ATTN IF IRRIT DEVELOPS/PERSISTS. INGEST:IF MORE/SEVERAL M OUTHFULS OF MATL ARE SWALLOWED, GIVE 2 GLASSES OF WATER (16 OZ). GET MED ATTN. INHAL:IF IRRIT, HDCH, NAUS/DROW OCCURS, REMOVE TO FRESH AIR. GET MED ATTN IF BRTHG BECOMES DFCLT/RESP IRRIT PERSISTS.

Spill Release Procedures

VENTILATE ARA. AVOID BRTHG VAP. WEAR APPROP PERSONAL PROT EQUIP, INCLDG APPROP RESP PROT. CNTN SPILL IF POSS. WIPE UP/ABSORB ON SUITABLE MATL & SHOVEL UP. PVNT ENTRY INTO SEWERS & WATERWAYS. AVOID CON T W/SKIN, EYES OR CLTHG.

Neutralizing Agent

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods

PROD HAS BEEN EVALUATED FOR RCRA CHARACT & DOES NOT MEET CRITERIA OF HAZ WASTE IF DISCARDED IN ITS PURCHASED FORM. UNDER RCRA, IT IS RESPONSIBILITY OF USER OF PROD TO DETERM @ TIME OF DISP, WHETHER PR OD MEETS RCRA CRITERIA FOR HAZ WASTE. THIS(SUPDAT)

Handling And Storage Precautions

MIN FEASIBLE HNDLG TEMPS SHOULD BE MAINTAINED. PERIODS OF EXPOS TO HIGH TEMPS SHOULD BE MINIMIZED. WATER CONTAM SHOULD BE AVOIDED.

Other Precautions

REMOVE & DRY-CLEAN/LAUNDRER CLTHG SOAKED/SOILED W/MATL BEFORE REUSE. DRY CLEANING OF CONTAMD CLTHG MAY BE MORE EFTIVE THAN NORMAL LAUNDERING. INFORM INDIVIDUALS RESPONSIBLE FOR CLEANING OF POTNTL HAZAR DS ASSOC W/HNDLG CONTMD CLTHG.

Explosion Hazard Information

Fire and

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Flash Point Method:

COC

Flash Point:

Flash Point Text: 400F,204C

Autoignition Temp:

Autoignition Temp Text: N/A

Lower Limits: N/K

Upper Limits: N/K

Extinguishing Media

USE WATER SPRAY, DRY CHEMICAL, FOAM, OR CARBON DIOXIDE TO EXTING FLAMES.

Fire Fighting Procedures

USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N). USE WATER SPRAY TO COOL FIRE-EXPOSED CNTNRS. WATER OR FOAM MAY CAUSE FROTHING.

Unusual Fire/Explosion Hazard

NONE.

===== Control	TOP
Measures =====	

Respiratory Protection

AIRBORNE CONC SHOULD BE KEPT TO LOWEST LEVS POSS. IF VAP, MIST/DUST IS GENERATED & OCCUP EXPOS LIM OF PROD, OR ANY COMPONENT OF PROD, IS EXCEEDED, USE APPROP NIOSH/MSHA APPRVD AIR PURIFYING/AIR SUPPLI ED RESP AFTER DETERMG AIRBORNE (ING 8)

Ventilation

ADEQUATE TO MEET COMPONENT OCCUP EXPOS LIMS.

Protective Gloves

IMPERVIOUS GLOVES (FP N).

Eye Protection

ANSI APPRVD CHEM WORKERS GOGGLES (FP N).

Other Protective Equipment

ANSI APPRVD EMERGENCY EYE WASH DELUGE SHOWER (FP N).

Work Hygienic Practices

WORKERS SHOULD WASH EXPOS SKIN SEVERAL TIMES SEVERAL TIMES DAILY W/SOAP WATER.
SOILED CLTHG SHOULD BE (ING 9)

Supplemental Safety and Health

EXPLO HAZ:MAY ALSO BE RELEASED. EFTS OF OVEREXP:APPLIED TO MOUSE SKIN W/OUT ANY
EFFORT TO REMOVE MATL BETWEEN APPLIC. THERE IS NO EVID OF CASUAL RELATIONSHIP
BETWEEN SKIN CANCER IN HUMANS & EXPOS TO USED MOTOR OIL. WASTE DISP METH:IS BECAUSE
PROD USES, TRANSFORMATIONS, MIXS, PROCESSES, ETC MAY RENDER RSLTG (ING 7)

Physical/Chemical Properties

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HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text: N/K

Melt/Freeze Pt:

M.P/F.P Text: N/K

Decomp Temp:

Decomp Text: N/K

Vapor Pres: N/K

Vapor Density: N/K

Volatile Org Content %:
VOC Pounds/Gallon:

Spec Gravity: 0.8816(WATER=1)

PH: N/A

VOC Grams/Liter:

Viscosity: N/P

Evaporation Rate & Reference: NOT KNOWN

Solubility in Water: NOT KNOWN

Appearance and Odor: BRIGHT AND CLEAR LIQUID, ADDITIVE ODOR.

Percent Volatiles by Volume: N/K

Corrosion Rate: N/K

Reactivity Data

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Stability Indicator:

YES

Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid: STRONG OXIDIZERS.

Hazardous Decomposition Products: TOX LEVS OF CO, CO*2. IRRIT ALDEHYDES KETONES;
COMBUS PRODS OF NITROGEN, SULFUR, CALCIUM,
ZINC/PHOSPHOROUS(SUPDAT)

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization NOT RELEVANT.

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

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Toxicological Information:

N/P

===== Ecological Information =====

[TOP](#)

Ecological:

N/P

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

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Transport Information:

N/P

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

[TOP](#)

Sara Title III Information:

N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

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

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Other Information:

N/P

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