

=====MSDS		
Safety Information		
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FSC:	MSDS Date:	MSDS Num:
9150	05/12/1994	BXRGJ
Submitter:	LIIN:	Tech Review:
N EN	00N021986	04/28/1995
Product ID:		MFN:
01817 HAVOLINE MOTOR OIL 10W-30		02
Article:		Kit Part:
N		N
	Cage:	
Responsible Party	OTTJ3	
Name:		
TEXACO LUBRICANTS CO		
	Box:	
4427		
City:	State:	Zip:
HOUSTON	TX	77210-4427
Country:		
US		
Info Phone Number:		
914-831-3400		
Emergency Phone Number:		
800-424-9300 (CHEMTREC)		
Preparer's Name:		
N/P		
Proprietary Ind:		
N		Review Ind: N
Published: Y		Special Project CD: N

=====Contractor		
Summary		
=====		
Cage:	Name:	
59595	TEXACO INC CORPORATE HQ	
Address:		Box:
2000 WESTCHESTER AVE		N/K
City:	State:	Zip:
WHITE PLAINS	NY	10604
Country:	Phone:	
US	914-253-4000	
Cage:	Name:	
OTTJ3	TEXACO LUBRICANTS	
Address:		Box:
4164 E INNSLAKE DR		4427
City:	State:	Zip:

GLEN ALLEN  
Country:

Phone:

VA

23060

US

804-527-4311

Ingredients

[TOP](#)

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

[TOP](#)

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	<a href="#">TOP</a>
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

[TOP](#)

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

[TOP](#)

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 =====

[TOP](#)

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 =====

[TOP](#)

Other Information:

N/P

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