

TEXACO LUBRICANTS CO -- 07994 HAVOLINE DEX-COOL EXTENDED LIFE ANTIFRE

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MSDS Safety Information
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FSC: 6850
NIIN: 01-433-8823
MSDS Date: 11/25/1997
MSDS Num: CJSSM
Product ID: 07994 HAVOLINE DEX-COOL EXTENDED LIFE ANTIFREEZE/COOLANT
MFN: 01
Responsible Party
Cage: TO399
Name: TEXACO LUBRICANTS CO
Box: 4427
City: HO
USTON TX 77210-4427
Info Phone Number: 800-782-7852 OPTION 4
Emergency Phone Number: (800)424-9300
Chemtrec IND/Phone: (800)424-9300
Proprietary Ind: Y
Review Ind: Y
Published: Y

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Preparer Co. when other than Responsible Party Co.
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Cage: 7B131
Name: TEXACO INC
Address: UNKNOWN
Box: 509
City: BEACON NY 12508-0509

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Contractor Summary
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Cage: 0T5C6
Name: SALATHE OIL CO INC
Address: 2226 PETERS RD
City: HARVEY LA 70058
Phone: 504-366-4542
Contract Number: SP0450-99-M-C684
Cage: TO399
Name: TEXACO LUBRICANTS CO
Box: 4427
City: HOUSTON TX 77210-4427
Phone: 800-782-7852 OPTION 4

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Item Description Information
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Item Manager: S9G
Item Name: ANTIFREEZE
Unit of Issue: DR

Quantitative Expression: 00000000055GL

UI Container Qty: 0

Type of Container: DRUM

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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: WARNING! HARMFUL IF SWALLOWED MAY CAUSE DIZZINESS AND DROWSINESS. MAY CAUSE EYE IRRITATION. ASPIRATION HAZARD IF SWALLOWED-CAN ENTER LUNGS AND CAUSE DAMAGE. CAN CAUSE KIDNEY DAMAGE IF SWALLOWED. MAY CAUSE LIVER DAMAGE IF SWALLOWED BASED ON ANIMAL DATA. ATTENTION! CONTAINS ETHYLENE GLYCOL WHICH MAY CAUSE BIRTH DEFECTS BASES ON ANIMAL DATA. CONTAINS 2-ETHYLHEXANOIC ACID OR ITS SALT WHICH WHICH MAY CAUSE ADVERSE REPRODUCTIVE EFFECTS AND BIRTH DEFECTS BASED ON ANIMAL DATA.

Explanation Of Carcinogenicity: NONE LISTED.

Signs And Symptions Of Overexposure: MAY CAUSE IRRITATION OF THE NOSE AND THROAT, HEADACHE, NAUSEA, AND DROWSINESS.

Medical Cond Aggravated By Exposure: REPEATED OVEREXPOSURE MAY AGGRAVATE EXISTING KIDNEY DISEASE.

First Aid: EYE: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. HOLD EYELIDS APART WHILE FLUSHING TO RINSE ENTIRE SURFACE OF EYE AND LIDS. SKIN: WASH SKIN WITH PLENTY OF SOAP AND WATER UNTIL ALL TRACES OF MATERIAL AR E REMOVE

D. REMOVE AND CLEAN CONTAMINATED CLOTHING. DESTROY NON-RESISTANT FOOTWEAR. INGEST: IF PERSON IS CONSCIOUS AND CAN SWALLOW, GIVE TWO GLASSES OF WATER BUT DO NOT INDUCE VOMITING. GET MEDICAL ATT ENTION. INHALE: IF IRRITATION, HEADACHE, NAUSEA, OR DROWSINESS OCCURS, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF BREATHING BECOMES DIFFICULT OR RESPIRATORY IRRITATION PERSISTS.

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Handling and Disposal
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Spill Release Procedures: VENTILATE AREA. AVOID BREATHING VAPOR. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT, INCLUDING APPROPRIATE RESPIRATORY PROTECTION. CONTAIN SPILL IF POSSIBLE. WIPE UP OR ABSORB ON SUITABLE MATERIAL AND SHOVEL UP. PREVENT ENTRY INTO SEWERS AND WATERWAY.

Waste Disposal Methods: THIS PRODUCT HAS BEEN EVALUATED FOR RCRA CHARACTERISTICS AND DOES NOT MEET THE CRITERIA OF A HAZARDOUS WASTE IF DISCARDED IN ITS PURCHASED FORM. UNDER RCRA, IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE AT THE TIME OF DISPOSAL, WHETHER IT BECOMES A HAZARDOUS WASTE. FOLLOW ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

Handling And Storage Precautions: MINIMUM FEASIBLE HANDLING TEMPERATURES SHOULD BE MAINTAINED. PERIODS OF EXPOSURE TO HIGH TEMPERATURES SHOULD BE MINIMIZED. WATER CONTAMINATION SHOULD BE AVOIDED.

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Fire and Explosion Hazard Information

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Flash Point Method: PMCC

Flash Point: =126.7C, 260.F

Autoignition Temp Text: N.D.

Lower Limits: N.D.

Upper Limits: N.D.

Extinguishing Media: USE WATER SPRAY, DRY CHEMICAL, FOAM, OR CARBON DIOXIDE TO EXTINGUISH FLAMES. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS. WATER OR FOAM MAY CAUSE FROTHING.

Fire Fighting Procedures: WEAR FULL PROTECTIVE CLOTHING AND POSITIVE PRESSURE BREATHING APPARATUS. APPROACH FIRE FROM UPWIND TO AVOID HAZARDOUS VAPORS AND TOXIC DECOMPOSITION.

Unusual

Fire/Explosion Hazard: NONE

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Control Measures

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Respiratory Protection: IF VAPOR, MIST OR DUST IS GENERATED AND THE OCCUPATIONAL EXPOSURE LIMIT OF THE PRODUCT, OR ANY COMPONENT OF THE PRODUCT, IS EXCEEDED, USE APPROPRIATE NIOSH OR MSHA APPROVED AIR PURIFYING OR AIR SUPPLIED RESPIRATOR AFTER DETERMINING THE AIRBORNE CONCENTRATION OF THE CONTAMINANT OR OXYGEN CONTENT IS UNKNOWN.

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Ventilation: ADEQUATE TO MEET COMPONENT OCCUPATIONAL EXPOSURE LIMITS (SEE SECTION 2).

Protective Gloves: RESISTANT TO CHEMICALS AND PETROLEUM DISTILLATES REQUIRED

Eye Protection: SAFETY GLASSES, CHEMICAL GOGGLES OR FACE SHIELD.

Other Protective Equipment: PROTECTIVE CLOTHING SUCH AS COVERALLS OR LAB COATS SHOULD BE WORN.

Work Hygienic Practices: LAUNDRY OR DRY-CLEAN WHEN SOILED.

Supplemental Safety and Health: AIRBORNE CONCENTRATIONS SHOULD BE KEPT TO LOWEST LEVELS POSSIBLE.

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Physical/Chemical Properties
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HCC: V6
Boiling Point: =108.9C, 228.F
Vapor Pres: NOT DETERMINED
Vapor Density: 2.1
Spec Gravity: 1.13
PH: 8.3
Viscosity: 8 CST AT 40.0 C
Solubility in Water: >10
Appearance and Odor: ORANGE LIQUID, MILD ODOR.
Percent Volatiles by Volume: N.D.

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Reactivity Data
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Stability Indicator: YES
Hazardous Decomposition Products: PRODUCTS EVOLVED WHEN SUBJECTED TO HEAT OR
COMBUSTION: TOXIC LEVELS OF CARBON MONOXIDE, CARBON DIOXIDE, IRRITATING
ALDEHYDES AND POTASSIUM.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: WILL NOT OCCUR.

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Toxicological Information
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Toxicological Information: LD50 BELIEVED TO BETWEEN 1 TO 2 GRA
MS/KG (RABBIT).
ORAL ADMINISTRATION OF ETHYLENE GLYCOL TO PREGNANT EXPERIMENTAL ANIMALS HAS
BEEN SHOWN TO CAUSE BIRTH DEFECTS IN THE OFFSPRING. THESE EFFECTS WERE NO T
SEEN WHEN ETHYLENE GLYCOL WAS ADMINISTERED BY DERMAL APPLICATION OR BY
INHALATION.

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Ecological Information
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Ecological: NOT DETERMINED. THIS PRODUCT IS ESTIMATED TO HAVE MODERATE (>
30%) RATE OF BIODEGRADATI
ON IN A TEST FOR READY BIODEGRADATION.

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MSDS Transport Information
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Transport Information: NOT REGULATED.

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Regulatory Information
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Sara Title III Information: ETHYLENE GLYCOL IS ON SARA SECTION 313 TOXIC
CHEMICAL.
Federal Regulatory Information: THIS PRODUCT AND ITS COMPONENT

S, ARE LISTED ON
TSCA INVENTORY.

State Regulatory Information: NONE

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Other Information
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Other Information: ACUTE OR CHRONIC ORAL CONSUMPTION OF PRODUCT CONTAINING
ETHYLENE GLYCOL CAN PRODUCE SIGNIFICANT ADVERSE HEALTH EFFECTS, INCLUDING
DEATH, IN HUMANS AND ANIMALS. KEEP OUT OF REACH OF CHILDREN AND PETS.
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Transportation Infor
mation
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Responsible Party Cage: TO399
Trans ID NO: 150011
Product ID: 07994 HAVOLINE DEX-COOL EXTENDED LIFE ANTIFREEZE/COOLANT
MSDS Prepared Date: 11/25/1997
Review Date: 11/15/1999
MFN: 1
Net Unit Weight: 55 GAL
Multiple KIT Number: 0
Unit Of Issue: DR
Container QTY: 0
Type Of Container: DRUM
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Detail DOT Information
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DOT PSN Code:
ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail IMO Information
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IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
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Detail IATA Information
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IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED B

Y THIS MODE OF TRANSPORTATION

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Detail AFI Information
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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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HAZCOM Label
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Product ID: 07994 HAVOLINE DEX-COOL EXTENDED LIFE ANTIFREEZE/COOLANT

Cage: TO399

Assigned IND: Y

Company Name: TEXACO L

UBRICANTS CO

PO Box: 4427

City: HOUSTON TX

Zipcode: 77210-4427

Health Emergency Phone: (800)424-9300

Label Required IND: Y

Date Of Label Review: 11/15/1999

Status Code: A

Origination

Signal Word: WARNING

Health Hazard: Moderate

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: WARNING! HARMFUL IF SWALLOWED MAY CAUSE DIZZINESS AND DROWSINESS. MAY CAUSE EYE IRRITATION. ASPIRATION HAZARD IF SWALLOWED-CAN ENTER LUNGS AND CAUSE DAMAGE. CAN CAUSE KIDNEY DAM

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