

TEXACO LUBRICANTS COMPANY -- CAPELLA HFC 68 NA, 02087 -- 9150-01-435-1899

===== Product Identification =====

Product ID:CAPELLA HFC 68 NA, 02087

MSDS Date:11/12/1997

FSC:9150

NIIN:01-435-1899

MSDS Number: CFVZR

=== Responsible Party ===

Company Name:TEXACO LUBRICANTS COMPANY

Box:4427

City:HOUSTON

State:TX

ZIP:77210-4427

Country:US

Info Phone Num:800-782-7852/914-838-7204 (#4;MSDS)

Emergency Phone

Num:914-831-3400/800-424-9300(CHEMTREC)

CAGE:TEXLU

=== Contractor Identification ===

Company Name:TEXACO INC REFINERY

Box:712

City:PORT ARTHUR

State:TX

ZIP:77640

Country:US

Phone:NONE

CAGE:3G642

Company Name:TEXACO LUBRICANTS

CAGE:TEXLU

Company Name:TEXACO REFINING AND MARKETING INC

Address:1111 RUSK ST

Box:City:HOUSTON

State:TX

ZIP:77002-3310

Country:US

Phone:713-650-5206

CAGE:2R503

Company Name:VIRGINIA K M P CORPORATION

Address:4100 PLATINUM WAY

Box:City:DALLAS

State:TX

ZIP:75237

Country:US

Phone:214-330-7731
CAGE:8J132

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Composition/Information on Ingredients
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Ingred Name:SYNTHETHIC POLYOL ESTER
Fraction by Wt: 100.00%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 OIL MIST
ACGIH TLV:5 MG/M3 OIL MIST

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Hazards Identification
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LD50 LC50 Mixture:LD50 (ORAL, RAT) IS > 5000 MG/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute a

nd Chronic:TARGET ORGANS: EYE, SKIN, RESPIRATOR &

GI TRACTS. ACUTE: DIRECT EYE CONTACT IRRITATES SLIGHTLY.

PROLONGED/REPEATED SKIN CONTACT MAY CAUSE DEFATTING. INHALATION OF
MIST/VAPOR IRRITATES RESPIRATORY TRAC T & MAY CAUSE CNS EFFECTS. IF
MORE THANSEVERAL MOUTHFULS ARE SWALLOWED, NAUSEA, DIARRHEA MAY
OCCUR. CHRONIC: NONE.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINO

GENS.

Effects of Overexposure:IRRITATION, REDNESS, NAUSEA, VOMITING,

DIARRHEA, DISCOMFORT, COUGHING, HEADACHE, DIZZINESS, WEAKNESS.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING SKIN

DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS FROM EXPOSURE TO
THIS PRODUCT.

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First Aid Measures
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First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALATION: MOVE TO
FRESH AIR. EYES: FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS

OPEN. SKIN: WIPE OFF EXCESS & WAS SKIN WITH SOAP & WATER.

INGESTION: IF MORE TH AN SEVERAL MOUTHFULS ARE SWALLOWED, DRINK 2
GLASSES OF WATER & CALL PHYSICIAN.

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Fire Fighting Measures
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Flash Point Method:COC

Flash Point:500F,260C

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:WATER FOG/SPRAY, CARBON DIOXIDE, FOAM/DRY CHEMICAL.

DIRECTLY SPRAYING WATER/FOAM ONTO BURNING OIL MAY CAUSE FROTHING.

Fire Fighting Procedures

:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND
NIOSH-APPROVED SELF CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. PROVIDE ADEQUATE VENTILATION. REMOVE SPILL WITH INERT ABSORBENT SUCH AS SAND, CLAY, EARTH. TRANSFER TO PROPER CONTAINERS FOR DISPOSAL. PREVENT RUNOFF FROM ENTERING SEWERS OR WATERCOURSES. REPORT SPILLS AS REQUIRED.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE AWAY FROM STRONG OXIDIZING MATERIALS. KEEP CONTAINERS TIGHTLY CLOSED. KEEP OUT OF REACH OF CHILDREN. AVOID WATER CONTAMINATION.

Other Precautions:DO NOT GET IN EYES. MINIMIZE SKIN CONTACT. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES, THAT CANNOT BE DECONTAMINATED.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE NORMALLY NEEDED. IF WORKING IN CONFINED AREAS, IF EXCESSIVE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED REMISSIBLE EXPOSURE LIMITS, WEAR A NIOSH-APPROVED ORGANIC VAPOR AND MIST RESPIRATOR REFER TO 29CFR1910.134.

Ventilation:USE OF ADEQUATE VENTILATION TO KEEP OIL MISTS OF THE MATERIAL BELOW APPLICABLE STANDARDS.

Protective Gloves:WASH AT MEALTIME AND AT END OF SHIFT.

Eye Protection:CHEMICAL GOGGLES RECOMMENDED.

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

===== Physical/Chemical Properties =====

HCC:V6
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:420F,216C
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Decomp Temp:Decomp Text:NOT GIVEN
Vapor Pres:NOT GIVEN
Vapor Density:NOT GIVEN
Spec Gravity:0.97
Viscosity:71.4CST @104F
Evaporation Rate & Reference:NOT GIVEN
Solubility in Water:NOT GIVEN
Appearance and Odor:LIGHT PALE LIQUID, MILD ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Con
dition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:SMOKE, CARBON MONOXIDE, CARBON
DIOXIDE, ALDEHYDES, KETONES

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS. THIS PRODUCT HAS BEEN EVALUATED FRO RCRA
CHARACTERISTICS AND DOES NOT MEET THE CRITERIA OF A HAZARDOUS WASTE
IF DISCARDED IN ITS PUR CHASED FORM.

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