

HOME OIL CO -- O-E-760D TYPE III -- 6810-00-201-0906

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

Product ID:O-E-760D TYPE III
MSDS Date:03/12/1999
FSC:6810
NIIN:00-201-0906
MSDS Number: CJNTD
=== Responsible Party ===
Company Name:HOME OIL CO
Address:3511 N OHIO
Box:2609
City:WICHITA
State:KS
ZIP:67201
Country:US
Info Phone Num:316-838-4663
Emergency Phone Num:800--633-8253 (PERS)
Preparer's Name:DON POSC
HEN
CAGE:0A9L8
=== Contractor Identification ===
Company Name:HOC INDUSTRIES, INC
Address:3511 N. OHIO
Box:2609
City:WICHITA
State:KS
ZIP:67219
Country:US
Phone:316-838-4663
Contract Num:SP0450-01-M-D217
CAGE:0A9L8
Company Name:HOC INDUSTRIES, INC
Address:3511 N. OHIO
Box:2609
City:WICHITA
State:KS
ZIP:67219
Country:US
Phone:316-838-4663
Contract Num:SP0450-99-M-NF13
CAGE:0A9L8

===== Composition/Information on Ingredients =====

Ingred Name:ETHANOL
CAS:64-17-5
RTECS #:KQ630000

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= Wt:95.2
Other REC Limits:NONE SPECIFIED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192

Ingred Name:METHANOL (SARA III)
CAS:67-56-1
RTECS #:PC1400000
= Wt:4.8
Other REC Limits:NONE SPECIFIED
OSHA PEL:200PPM
ACGIH TLV:200 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

===== Hazards Identification =====

LD50 LC50 Mixture:NOT PROVIDED BY MANUFACTURER

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health

Hazards Acute and Chronic:TARGET ORGANS: EYES, SKIN, RESPIRATORY SYSTEM, LIVER, CNS, BLOOD, REPRODUCTIVE SYSTEM., GASTROINTESTINAL TRACT (HMIS). EFFECTS OF OVEREXPOSURE: ACUTE: EYES: BELIEVED TO CAUSE MILD EYE IRRITATION. SKIN : HARMFUL IF ABSORBED THROUGH SKIN. BELIEVED TO BE SLIGHTLY IRRITATING. RESPIRATORY SYSTEM: OVEREXPOSURE TO MIST OR VAPORS MAY CAUSE DIZZINESS, DROWSINESS, HEADACHE, NAUSEA, UNCONSCIOUSNESS. CHRONIC: REPEATED SKIN CONTACT MAY CAUSE A PERSISTEN

T IRRITATION OR DERMATITIS.

Explanation of Carcinogenicity:THIS PRODUCT IS NOT CURRENTLY LISTED BY IARC, NTP, OR OSHA.

Effects of Overexposure:HEADACHE, DIZZINESS, DROWSINESS, NAUSEA, UNCONSCIOUSNESS, COMA

Medical Cond Aggravated by Exposure:NOT REPORTED.

===== First Aid Measures =====

First Aid:EYES: FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. SKIN: WASH EXPOSED AREA WITH SOAP AND WATER. REMOVE AND CLEAN CON

TAMINATED CLOTHING. IF IRRITATION DEVELOPS,
SEEK MEDICAL ATTENTION. INGESTION: CALL A DOCTOR IMMEDIATELY. ONLY
INDUCE VOMITING AS DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE
ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.
INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE
MOUTH-TO-MOUTH ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT,
QUALIFIED PERSONNEL MAY ADMINISTER OXYGEN.

===== Fire Fighting Measures =====

Flash P

oint Method:TCC

Flash Point:=12.2C, 54.F

Autoignition Temp:=385.C, 725.F

Lower Limits:4.3

Upper Limits:19.0

Extinguishing Media:DRY CHEMICAL,CARBON DIOXIDE, FOAM. WATER MAY BE
INEFFECTIVE ON THE FLAMES BUT WATER SHOULD BE USED TO KEEP
FIRE-EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:IF A LEAK OR SPILL HAS NOT IGNITED, USE WATER
SPRAY TO DISPERSE VAPORS AND TO PROVIDE PROTECTION FOR THE PERSONS
ATTEMPTING TO STOP THE LEAK.

Unusual Fire/Explosion Hazard:FLAMMABLE! KEEP CONTAI
NER TIGHTLY CLOSED.

EXPLOSIVE AIR-VAPOR MIXTURES MAY OCCUR. VAPOR IS HEAVIER THAN AIR
AND MAY TRAVEL CONSIDERABLE DISTANCES TO SOURCES OF IGNITION AND
THEN FLASH BACK.

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES INCLUDING
INTERNAL COMBUSTION ENGINES AND POWER TOOLS. VENTILATE AREA. AVOID
BREATHING VAPOR. USE SUPPLIED-AIR MASK FOR LARGE SPILLS OR IN
CONFINED AREAS. CONTAIN SPILL. REMOVE WITH
INERT ABSORBENT. AVOID

CONTACT WITH EYES. AVOID ALLOWING PRODUCT FROM ENTERING STREAMS OR
SEWERS. REPORTABLE QUANTITY: 10,000 LBS.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS AND FLAME.
KEEP CONTAINER CLOSED. KEEP HEAD AWAY FROM CONTAINER WHEN OPENING
OR DISPENSING. USE ONLY IN WELL VENTILATED AREAS. DO NOT MIX WITH
OXIDIZERS, NITRIC ACID AND HY DROGEN PEROXIDE.

Oth

er Precautions:DANGER! FLAMMABLE! POISON! CAUSES MILD IRRITATION TO THE EYES. MAY CAUSE IRRITATION TO SKIN. AVOID CONTACT WITH EYES AND PROLONGED CONTACT WITH SKIN. AVOID PROLONGED BREATHING OF VAPOR OR MIST. WASH T HOROUGHLY AFTER HANDLING.

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

Respiratory Protection:IF VAPOR,MIST OR DUST IS GENERATED IN EXCESS OF PERMISSIBLE CONCENTRATIONS, USE RESPIRATOR APPROVED BY MSHA OR NIOSH.

Ventilation:LOCAL EXHAUST V
ENTILATION RECOMMENDED.

Protective Gloves:CHEMICAL RESISTANT GLOVES

Eye Protection:CHEMICAL GOGGLES SHOULD BE WORN. DO NOT WEAR CONTACT LENSES.

Other Protective Equipment:PROTECTIVE CLOTHING SUCH AS UNIFORMS,COVERALLS OR LAB COATS SHOULD BE WORN. LAUNDER OR DRY CLEAN WHEN SOILED. BOOTS RESISTANT TO CHEMICALS AND PETROLEUM DISTILLATES.

Work Hygienic Practices:WASH EXPOSED AREA WITH SOAP AND WATER. REMOVE AND CLEAN CONTAMINATED CLOTHING.

Supplemental Safety and Health

WARNING S

TATEMENT: POISON!!! DANGER! FLAMMABLE! CAUSES IRRITATION TO EYES AND SKIN. USE ADEQUATE VENTIALTION. MAY BE FATAL OR CAUSE BLINDNESS IF TAKEN INTERNALLY. CANNOT BE MADE NONPOISONOUS.

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

HCC:F2

Boiling Pt:=64.4C, 148.F

B.P. Text:148F-173F/ 66C-78C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:43.9@68F(20C)

Vapor Density:1.60(AIR=1

Spec Gravity:0.795@60F(15.6C)

Evaporation Rate & amp;

Reference:5.9 (N-BUTYL ACETATE=1)

Solubility in Water:INFINITE

Appearance and Odor:LIQUID;COLORLESS;CHARACTERISTIC ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

OXIDIZERS, NITRIC ACID, HYDROGEN PEROXIDE

Stability Condition to Avoid:HEAT

Hazardous Decomposition Products:CARBON DIOXIDE,CARBON MONOXIDE

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

Toxicological Information

:NOT PROVIDED BY MANUFACTURER

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Ecological Information
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Ecological:NOT PROVIDED BY MANUFACTURER

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Disposal Considerations
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Waste Disposal Methods:INCINERATE OR PLACE IN RCRA PERMITTED WASTE
MANAGEMENT FACILITY.NO WASTE CLASSIFICATION OF PRODUCT HAS BEEN
ESTABLISHED. RECYCLE OR INCINERATE ACCORDING TO LOCAL, STATE, AND
FEDERAL REGULATIONS.

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MSDS Transport Information
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Transport Information:DOT PROPER SHIPPING NAME: ALCOHOLS, N.O.S.
(ETHANOL, METHANOL), UN 1987, PGII. LABEL: FLAMMABLE LIQUID, ARROW.
DOT SPECIFICATION CONTAINER: IP2 THIS DENATURED ALCOHOL CANNOT BE
SENT THROUGH THE U.S. MAIL.

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Regulatory Information
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SARA Title III Information:SARA TITLE III, SECTION 311 HAZARD
CATEGORIZATION: ACUTE, CHRONIC AND FIRE: YES. SECTION 313 TOXIC
CHEMICALS: METHANOL, CAS NO: 67-56-1. P
PERCENT: 4.8 %

Federal Regulatory Information:NOT PROVIDED BY MANUFACTURER
State Regulatory Information:NOT PROVIDED BY MANUFACTURER

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Other Information
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