

HOME OIL CO -- O-E-760 TUPE III,DENATURED ALCOHOL -- 6810-00-201-0904

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Product Identification  
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Product ID:O-E-760 TUPE III,DENATURED ALCOHOL

MSDS Date:02/17/1999

FSC:6810

NIIN:00-201-0904

MSDS Number: CDGXH

=== 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:800-633-825

3(PERS)

Preparer's Name:DON POSCHEN

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:SP0400-99-M-C759

CAGE:0A9L8

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Composition/Information on Ingredients  
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Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

= Wt:95.2

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9596

Ingred Name:METHYL ALCOHOL (

METHANOL) (SARA 313) (CERCLA)

CAS:67-56-1

RTECS #:PC1400000

= Wt:4.8

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 200 PPM

ACGIH TLV:S,200PPM/250STEL; 96

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:EYES:BELIEVED TO CAUSE MILD  
IR

RITATION. SKIN:HARMFUL IF ABSORBED THRU SKIN.BELIEVED TO BE  
SLIGHTLY IRRITATING. RESPIRATORY SYSTEM:OVEREXPOSURE TO MIST OR  
VAPORS MAY CAUSE DIZZINESS, DROWSINESS, HEADACHE, NAUSEA. MASSIVE  
OVEREXPOSURE MAY CAUSE UNCONSCIOUSNESS. CHRONIC:REPEATED SKIN  
CONTACT MAY CAUSE PERSISTENT IRRITATION, DERMATITIS.

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

Effects of Overexposure:HEADACHE, DIZZINESS, DROWSINESS, NAUSEA,  
UNCO

NSCIOUSNESS, COMA.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES-FLUSH THOROUGHLY WITH WATER FOR 15 MINUTES. GET MEDICAL  
ATTENTION. SKIN-WASH WITH SOAP & WATER. REMOVE CONTAMINATED  
CLOTHES. IF IRRITATION DEVELOPS, SEEK MEDICAL ATTENTION.  
INGESTED-CALL A DOCTOR IMMEDIATELY! ONLY INDUCE VOMITING AS  
DIRECTED BY A DOCTOR. NEVER GIVE ANYTHING BY MOUTH TO AN  
UNCONSCIOUS OR C

ONVULSING PERSON. INHALED-REMOVE TO FRESH AIR. IF  
NOT BREATHING, GIVE ARTIFICIAL RESPIRAT ION. IF BREATHING  
DIFFICULT, QUALIFIED PERSONNEL CAN GIVE OXYGEN. NOTE TO PHYSICIAN:  
ASPIRATION OF PRODUCT MAY OCCUR DURING INDUCED EMESIS & CAN RESULT  
IN LUNG INJURY.

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

Flash Point Method:TCC

Flash Point:=12.2C, 54.F

Autoignition Temp:=387.C, 728.6F

Lower Limits:4.3

Upper Limits:19

Extinguishing Media:USE DRY CHEMICAL,FOA

M OR CARBON DIOXIDE. WATER MAY BE INEFFECTIVE ON 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 THE VAPORS AND TO PROVIDE PROTECTION FOR THE PERSONS ATTEMPTING TO STOP THE LEAK.

Unusual Fire/Explosion Hazard:FLAMMABLE KEEP CONTAINERS 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 SOURCES OF IGNITION. VENTILATE AREA. AVOID BREATHING VAPOR. USE SUPPLIED-AIR MASK FOR LARGE SPILLS OR 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 SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS AND FLAME. AVOID CONTACT WITH EYES AND PROLONGED CONTACT WITH SKIN. USE ONLY IN WELL-VENTILATED AREAS. AVOID PROLONGED BREATHING OF VAPOUR OR MIST. KEEP HEAD AWAY FROM CONTAINER WHEN OPENING OR DISPENSING. WASH THOROUGHLY AFTER HANDLING.

Other Precautions:FLAMMABLE! POISON! DO NOT MIX WITH OXIDIZERS, NITRIC ACID AND HYDROGEN PEROXIDE.

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

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

Ventilation:LOCAL EXHAUST VENTILATION RECOMMENDED.

Protective Gloves:GLOVES RESISTANT TO PETROLEUM DISTILLATES REQUIRED.

Eye Protection:CHEMICAL TYPE GOGGLES SHOULD BE WORN. DON'T WEAR CONTACT LENS

Other Protective Equipment:PROTECTIVE CLOTHING SUCH AS UNIFORMS,COVERALL,LAB COATS, BOOTS, RESISTANT

TO CHEMICALS AND  
PETROLEUM DISTILLATES SHOULD BE WORN.  
Work Hygienic Practices:LAUNDER/DRY OR DRY CLEAN PROTECTIVE CLOTHING  
WHEN SOILED  
Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

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

HCC:F5  
Boiling Pt:=64.4C, 148.F  
Vapor Pres:43.9 @68F  
Vapor Density:1.60(AIR=1  
Spec Gravity:0.795@60F(15.6C)  
Viscosity:ND  
Evaporation Rate & Reference:5.9, BU-ACETATE=1.  
Solubility in Water:INFINITE.  
Appearance and  
Odor:COLORLESS, CHARACTERISTIC ODOR.  
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZERS, STRONG ACIDS HEAT.  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Toxicological Information:NONE SPECIFIED BY MANUFACTURER.

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

Ecological:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:INCINERATE OR PLACE IN RCRA PERMITTED WASTE  
MANAGEMENT FACILITY.

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

Transport Information:DOT PROPER SHIPPING NAME: ALCOHOLS, N.O.S.  
(ETHANOL, METHANOL), UN1987, PG II. DOT SPECIFICATION CONTAINER:  
UN1A1.

===== Regulatory In

formation =====

SARA Title III Information:SARA III SECTION 311: ACUTE-YES;  
CHRONIC-YES; FIRE-YES; PRESSURE-NO; REACTIVE-NO. SARA III TITLE  
313: METHANOL, CAS# 67-56-1, 4.8%.

Federal Regulatory Information:THIS PRODUCT IS LISTED ON THE EPA/TSCA  
INVENTORY OF CHEMICAL LISTS.

State Regulatory Information:NONE SPECIFIED BY MANUFACTURER.

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

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