

HOME OIL COMPANY, INC -- O-E-760D TYPE IV ALCOHOL, DENATURED -- 6810-00-205-6786  
===== Product Identification =====

Product ID:O-E-760D TYPE IV ALCOHOL, DENATURED

MSDS Date:08/03/1993

FSC:6810

NIIN:00-205-6786

MSDS Number: BVYGX

=== Responsible Party ===

Company Name:HOME OIL COMPANY, INC

Address:3511 N OHIO

Box:2609

City:WICHITA

State:KS

ZIP:67201-2609

Country:US

Info Phone Num:316-838-4663

Emer

gency Phone Num:800-633-8253 (PERS)

Preparer's Name:BERNARD D HOFFMAN, JR

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

CAGE:0A9L8

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

Ingred Name:ETHANOL

CAS:64-17-5

RTECS #:KQ6300000

Fraction by Wt: 91.7%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM

Ingred Name:METHANOL (SARA II

l)  
CAS:67-56-1  
RTECS #:PC1400000  
Fraction by Wt: 4.59%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:200 PPM  
ACGIH TLV:200 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 2.75%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM  
ACGIH TLV:100 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:C4-C8 ALIPHATIC HYDROCARBON  
CAS:68476-44-8  
Fraction by Wt: 0.96%  
Other REC Limits:NONE RECOMMENDED

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Hazard Identification =====

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: EYES: BELIEVED TO BE SLIGHTLY IRRITATION. SKIN: BELIEVED TO SLIGHTLY IRRITATING. RESPIRATORY SYSTEM: OVEREXPOSURE TO MIST VAPOR MAY CAUSE DIZZINESS, DROWSINESS, HEADACHE, NAUSEA, MASSIVE OVEREXPOSURE MAY CAUSE UNCONSCIOUSNESS. INGESTION: ALCOHOL CONTAINS POISONOUS DENATURANTS & MAY CAUSE BLINDNESS, & DEATH.

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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. IF IRRITATION DEVELOPS. GET MEDICAL ATTENTION. INGESTION: CALL A DR IMMEDIATELY. INHALATION: REMOVE PATIENT TO FRESH AIR. IF NOT BREATHING, GIVE MOUTH-TO-MOUTH ARTIFICIAL RESPIRATION.

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Fire Fighting Measures =====

Flash Point Method:TCC  
Flash Point:57.0F,13.9C  
Low

r Limits:3.36

Upper Limits:19.27

Extinguishing Media:USE DRY CHEMICAL, FOAM, OR CARBON DIOXIDE.

Fire Fighting Procedures:EVACUATE UNNEEDED PERSONS.SHUT OFF SOURCE IF SAFE.USE H2O FOG/SPRAY TO COOL FIRE EXPOSED CNTNR & EQUIP.DON'T SPRAY ON FIRE (SOME COMPOUNDS FLOAT & REIGNIT).

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

Spill Release Procedures:ELIMINATE IGNIT SOURCE. VENT AREA. AVOID BREATHING VAPOR. USE SUPPLIED AIR MASK FOR LARGE SPILLS/CONFINED AREAS  
. CONTAIN SPILL. REMOVE WITH INERT ABSORBENT. AVOID CONTACT WITH EYES. AVOID ALLOWING PRO DUCT FROM ENTERING STREAMS OR SEWERS.

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

Handling and Storage Precautions:TRANSPORT,HANDLE & STORE IN ACCORD W/OSHA 1910/.106 & APPLICABLE DOT REGS.GROUND & ELECTRICALLY INTERCONNECT CNTNRS FOR TRANSFER. USE SPARK PROOF TOOLS  
Other Precautions:DANGER!FLAMMABLE.CAUSES MILD IRRITATION TO EYES.MAY CAUSE IRRITATION TO SKIN.KEEP AWAY FROM HEAT,SPARKS,FLAME.KEEP CONTAINER CLOSED.AVOID CONTACT W/EYES & PROLONGED CONTACT W/SKIN.USE IN WELL VENTED A REA.AVOID PROLONGED BREATHING OF MIST.  
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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 OSHA OR NIOSH.  
Ventilation:LOCAL EXHAUST VENTILATION RECOMMENDED. EXPOSURE LIMIT IS 200 PPM  
Protective Gloves:RESISTANT TO CHEM & PETROLEUM DISTILLATE  
Eye Protection:CHEM GOGGLES. DO NOT WEAR CONTACTS.  
Other Protective Equipment:PROTECTIVE CLOTHING SUCH AS UNIFORMS SHOULD BE WORN.  
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.  
Supplemental Safety and Health  
# KEEP HEAD AWAY FROM CONTAINER WHEN OPENING OR DISPENSING. POISON! INGESTION MAY CAUSE PERMENENT BLINDNESS OR DEATH.

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

HCC:F5

Boiling Pt:B.P. Text:173F,79C

Vapor Pres:44.13 @6

8F  
Vapor Density:1.66  
Spec Gravity:0.815 G/L @ 60F  
Evaporation Rate & Reference:1.96 (BU AC=1)  
Solubility in Water:96.28%  
Appearance and Odor:COLORLESS, HYDROCARBON ODOR  
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES  
STRONG ACIDS AND STRONG OXIDIZERS  
Stability Condition to Avoid:HEAT  
Hazardous Decomposition Products:CARBON OXIDES MAY BE FORMED ON  
BURNING.

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

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

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