

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:05/06/1996

FSC:6810

NIIN:00-205-6786

MSDS Number: CGXKC

=== 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

Em

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

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: 91.49%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM

Ingred Name:METHANOL (SARA III)

CAS:67-56-1

RTECS #:PC1400000

Fra

ction by Wt: 4.61%
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: 2.91%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE: IRRIT, BLIND
NESS. SKIN: IRRIT,
HARMFUL IF ABSORBED. INHAL: RESPIRATORY SYSTEM (DIZZY, DROWSY,
HEADACHE, NAUSEA, UNCONSCIOUS), FATAL. CHRONIC: DERMATITIS, COMA.

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

First Aid:EYE: FLUSH THOROUGHLY W/WATER FOR 15 MINUTES. SKIN: WASH
W/SOAP & WATER. REMOVE & WASH CONTAM CLOTHES. INGEST: CALL A DR.
INHAL: REMOVE TO FRESH AIR. MOUTH-TO-MOUTH ARTIF RESP OR OXYGEN IF
NEEDED. IN ALL CASES, GET MEDICAL ATTENTION.

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

Flash Point Method:TCC
Flash Point:57.0F,13.9C
Lower Limits:3.36
Upper Limits:19.27
Extinguishing Media:USE DRY CHEMICAL, FOAM, OR CARBON DIOXIDE.
Fire Fighting Procedures:WATER MAY BE INEFFECTIVE ON FLAMES. USE WATER
TO COOL CONTAINERS. IF LEAK/SPILL IS NOT IGNITED, USE WATER SPRAY
TO DISPERSE VAPORS & PROVIDE PROTECTION.
Unusual Fire/Explosion Hazard:FLAMMABLE! KEEP CONTAINERS TIGHTLY
CLOSED. EXPLOSIVE AIR-VAPOR MIXTURES MAY OCC

UR. VAPORS ARE HEAVIER
THAN AIR & TRAVEL TO IGNIT SOURCES & FLASH BACK.

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

Spill Release Procedures:ELIMINATE IGNIT SOURCE. VENT AREA. USE
SUPPLIED AIR MASK FOR LARGE SPILLS/CONFINED AREAS. CONTAIN SPILL.
REMOVE W/INERT ABSORBENT. AVOID ALLOWING PRODUCT TO ENTER STREAMS
OR SEWERS.

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

Handling and Storage Precautions:TRANSPORT, HANDLE & STORE IN

ACCORDANCE W/OSHA 1910.106 & DOT REGULATIONS. GROUND & ELECTRICALLY
INTERCONNECT CONTAINERS FOR TRANSFER.

Other Precautions:USE SPARK-PROOF TOOLS.

===== 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 PETROLEUM DISTIL
LATES

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:UNIFORMS, COVERALLS, LAB COATS SHOULD BE
WORN. BOOTS RESISTANT TO PETROLEUM DISTILLATES.

Work Hygienic Practices:DONT WEAR CONTACT LENSES. WASH THOROUGHLY AFTER
HANDLING. WASH CLOTHES WHEN SOILED.

Supplemental Safety and Health

NK

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

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

Vapor Pres:44.13 @68F

Vapor Density:1.66 AIR=1

Spec Gravity:0.816 @ 60F

Evaporation Rate & ;

Reference:1.96 (BUAC=1)

Solubility in Water:96.28%

Appearance and Odor:COLORLESS, AROMATIC ODOR.

Percent Volatiles by Volume:100%

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS & STRONG ACIDS.

Stability Condition to Avoid:THIS MATERIAL REACTS VIOLENTLY W/HEAT,
STRONG OXIDIZERS & STRONG ACIDS.

Hazardous Decomposition Products:CARON MONOXIDE & CARBON DIOXIDE.

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

=====

Waste Disposal Methods:RECYCLE OR INCINERATE IN ACCORDANCE W/FEDERAL,
STATE & LOCAL REGULATIONS.

=====

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for it

s use. Any person utilizing this

document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.