

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: CKFZX  
=== 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:1-800-633-8253 (PERS)  
Preparer's Name:DON POS  
CHEN  
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:SP0450-00-M-D950  
CAGE:0A9L8

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

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; 9394

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA III)  
CAS:67-56-

1  
RTECS #:PC1400000  
= Wt:4.8  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:S,200PPM  
ACGIH TLV:S,200PPM/250STEL; 94  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:ACUTE: EYES: BELIEVED TO CAUSE MILD  
EYE IRRITATION. SKIN: HARMFUL IF ABSORBED THROUGH SKIN. BELIEVED  
TO BE SLIGHTLY I  
RRITATING. RESPIRATORY SYSTEM: OVEREXPOSURE TO  
MIST OR VAPORS MAY CAUSE DIZZIN ESS, DROWSINESS, HEADACHE OR  
NAUSEA. MASSIVE OVEREXPOSURE MAY CAUSE UNCONSCIOUSNESS. CHRONIC:  
REPEATED SKIN CONTACT MAY CAUSE A PERSISTENT IRRITATION OR  
DERMATITIS. WARNING: POISON!!! DANGER! FLAMMA BLE! CAUSES  
IRRITATION TO EYES AND SKIN. USE ADEQUATE VENTILATION. MAY BE  
FATAL OR CAUSE BLINDNESS IF TAKEN INTERNALLY - CANNOT BE MADE  
NONPOISONOUS.  
Explanation of Carcinogenicity:NO DATA  
PROVIDED BY RESPONSIBLE PARTY.  
Effects of Overexposure:HEADACHE, DIZZINESS, DROWSINESS, NAUSEA,  
UNCONSCIOUSNESS, COMA.  
Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY RESPONSIBLE  
PARTY.

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

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

Flash Point Method:TCC  
Flash Point:=12.2C, 54.F  
Autoignition Temp:=385.C, 725.F  
L

Lower Limits:4.3

Upper Limits:19

Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE. WATER MAY BE INEFFECTIVE ON FLAMES. USE WATER SPRAY TO DISPERSE VAPORS AND COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:IF SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE VAPORS & PROTECT PERSONNEL ATTEMPTING TO STOP 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 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 SEW

ERS. REPORTABLE QUANTITY: 10,000 LBS.

TRANSPORTATION SPILLS: PERS @ 800-633-8253.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:TRANSPORT, HANDLE, AND STORE IN ACCORDANCE WITH OSHA REGULATION 1910.106 AND APPLICABLE DOT REGULATIONS. GROUND AND ELECTRICALLY INTERCONNECT CONTAINERS FOR TRANSFER. USE SPARK-PROOF TOOLS. KEEP AWAY FROM HEAT, SPARKS, AND FLAME. KEEP CON

TAINER CLOSED. USE ONLY IN WELL VENTILATED AREAS.

Other Precautions:CAUSE MILD IRRITATION TO EYES. MAY CAUSE IRRITATION TO SKIN. AVOID CONTACT WITH EYES AND PROLONGED CONTACT WITH SKIN. AVOID PROLONGED BREATHING OF VAPOR OR MISTS. KEEP HEAD AWAY FROM CONTAINER WHEN OPENING OR DISPENSING. WASH THOROUGHLY AFTER HANDLING. DO NOT MIX WITH OXIDIZERS, NITRIC ACID AND HYDROGEN PEROXIDE.

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

Respiratory Pro

tection:IF VAPOR, MIST OR DUST IS GENERATED IN EXCESS OF PERMISSABLE CONCENTRATIONS, USE RESPIRATOR APPROVED BY MSHA OR OSHA.

Ventilation:LOCAL EXHAUST VENTILATION RECOMMENDED.

Protective Gloves:RESISTANT TO CHEMICALS AND PETROLEUM DISTILLATES

Eye Protection:CHEMICAL TYPE GOGGLES - NO CONTACTS!

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

Work

Hygienic Practices:REMOVE AND DRY CLEAN OR LAUNDER CLOTHING SOAKED OR SOILED BEFORE REUSE. DRY CLEANING MAY BE MORE EFFECTIVE THAN LAUNDERING. INFORM INDIVIDUALS RESPONSIBLE FOR CLEANING OF POTENTIAL HAZARDS.

Supplemental Safety and Health

NOTE TO PHYSICIAN: ASPIRATION OF THIS PRODUCT DURING INDUCED EMESIS CAN RESULT IN LUNG INJURY. IF EVACUATION OF STOMACH CONTENTS IS CONSIDERED NECESSARY, USE METHOD LEAST LIKELY TO CAUSE ASPIRATION, SUCH AS GASTRIC LAVAGE AFTER ENDOTRACHEAL INTUBATION.

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

HCC:F5

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:148F/64C-173F/78C

Vapor Pres:43.9 @ 68F (20C)

Vapor Density:1.60

Spec Gravity:0.795 @ 60F (15.6C)

Viscosity:N.D.

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

REACTS VIOLENTLY WITH HEAT, STRONG OXIDIZERS, AND STRONG ACIDS.

Stability Condition to Avoid:HEAT, STRONG OXIDIZERS, STRONG ACIDS.

Hazardous Decomposition Products:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Conditions to Avoid Polymerization:DOES NOT OCCUR.

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

Toxicological Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

====

Ecological:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Waste Disposal Methods:INCINERATE OR PLACE IN RCRA PERMITTED WASTE MANAGEMENT FACILITY. RECYCLE OR INCINERATE ACCORDING TO LOCAL, STATE, AND FEDERAL REGULATIONS.

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

Transport Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

=====  
===== Regulatory Information =====

SARA Title III Information:SARA TITLE III SECTION 311 HAZARD CATEGORIZATION: ACUTE, CHRONIC, FIRE. TITLE II SECTION 313 TOXIC CHEMICALS: METHAOL, CAS # 67-65-1, 4.8%.

Federal Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

State Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

=====

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 its 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.