

HOME OIL CO -- ALCOHOL, DENATURED -- 6810-00-201-0904

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

Product ID:ALCOHOL, DENATURED

MSDS Date:04/14/2000

FSC:6810

NIIN:00-201-0904

Status Code:A

MSDS Number: CKVDG

=== 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 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:SP0450-01-M-D089

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; 9596

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA 31

3) (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 EYE IRRITATION. SKIN
:HARMFUL IF ABSORBED THROUGH SKIN. BELIEVED TO BE SLIGHTLY IRRITATING. RESPIRATORY SYSTEM:OVEREXPOSURE TO MIST OR VAPORS MAY CAUSE DIZZINESS, DROW SINESS, HEADACHE OR 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, UNCONSCIOUSN
ESS, 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 CONVULSIN
G 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:=385.C, 725.F
Lower Limits:4.3
Upper Limits:19
Extinguishing Media:USE DRY CHEMICAL,FOAM OR CARB

ON 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.

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=== 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:GROUND AND ELECTRICALLY INTERCONNECT CONTAINERS FOR TRANSFER. USE SPARK-PROOF TOOLS.

===== 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. DO NOT 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. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

HCC:F2

Boiling Pt:=64.4C, 148.F

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

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-A

CETATE=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:CARBON MONOXIDE AND CARBON DIOXIDE MAY
BE FORMED ON BURNING.

Conditions to Avoid Polymerization:DOES NOT OCCUR.

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=== Toxicological Information =====

Toxicological Information:NOT PROVIDED BY MANUFACTURER

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

Ecological:NOT PROVIDED BY MANUFACTURER

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

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

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

Transport Information:TRANSPORT, HANDLE AND STORE

IN ACCORDANCE WITH

OSHA REGULATION 1910.106 AND APPLICABLE DOT REGULATIONS. DOT PROPER SHIPPING NAME: ALCOHOLS, N.O.S. (ETHANOL, METHANOL), UN1987, PGII. DOT HAZARD CLASS: FLAMMABLE LIQUID. DOT SPECIFICATION CONTAINER: UN1A1. DOT EXEMPTION NUMBER: NOT APPLICABLE. LIMITED QUANTITY: NOT APPLICABLE. THIS DENATURED ALCOHOL CANNOT BE SENT THROUGH THE U.S. MAIL.

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

SARA Title III Information: SARA TITLE III SECTION 311 HAZARD

CATAGORIZATION: ACUTE, CHRONIC, FIRE. TITLE III SECTION 313 TOXIC CHEMICALS: METHANOL, CAS# 67-56-1, 4.8%.

Federal Regulatory Information: NO WASTE CLASSIFICATION OF PRODUCT HAS BEEN ESTABLISHED (AS PRESENTLY CONSTITUTED). RECYCLE OR INCINERATE ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS. THIS PRODUCT IS LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES.

State Regulatory Information: NOT PROVIDED BY MANUFACTURER

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

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