

HOME OIL CO -- ALCOHOL, DENATURED -- 6810-00-201-0906

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

Product ID:ALCOHOL, DENATURED

MSDS Date:04/14/2000

FSC:6810

NIIN:00-201-0906

Status Code:A

MSDS Number: CLBGD

=== 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)

Prepare

r's Name:NOT PROVIDED

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-D950

CAGE:0A9L8

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

Ingred Name:ETHANOL

CAS:64-17-5

RTECS #:KQ6300000

= Wt:95.2

Other REC Limits:NOT PROVIDED

OSHA PEL:1900 MG/M3;1000 PPM

ACGIH TLV:1880 MG/M3;1000 PPM

Ingred Name:METHANOL

CAS:67-56-1

RTECS #:PC140

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= Wt:4.8

Other REC Limits:NOT PROVIDED

OSHA PEL:260 MG/M3;200 PPM

ACGIH TLV:262 MG/M3;200 PPM

ACGIH STEL:328 MG/M3;250 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:NOT PROVIDED

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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 TH

ROUGH SKIN. BELIEVED

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

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

Effects of Overexposure:HEADACHE, DIZZINESS, DROWSINESS, NAUSEA,
UNCONSCIOUSNESS, COMA.

Medical

Cond Aggravated by Exposure:NOT PROVIDED

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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. REMOVE AND CLEAN CONTAMINATED CLOTHING. IF IRRITATION
DEVELOPS SEEK MEDICAL ATTENTION. INGESTION: CALL A DOCTOR
IMMEDIATELY. ONLY INDUCE VOMITING AS DIRECTED BY A DOCTOR. NEVER
GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CO

NVULSING PERSON.

INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE
MOUTH-TO-MOUTH ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT,
QUALIFIED PERSONNEL MAY ADMINISTER OXYGEN.

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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:FOAM, DRY CHEMICAL, CARBON DIOXIDE. WATER MAY BE
INEFFECTIVE ON FLAMES. USE WATER SPRAY TO DI

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 Re

lease 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 SP ILL. REMOVE WITH INERT ABSORBENT.
AVOID CONTACT WITH EYES. AVOID ALLOWING PRODUCT FROM ENTERING
STREAMS OR SEWERS. REPORTABLE QUANTITY: 10,000 LBS.
TRANSPORTATION SPILLS: PERS @ 800-633-8253.

Neutralizing Agent:NOT RELEVANT

===== Handli
ng 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 AW AY FROM HEAT, SPARKS,
AND FLAME. KEEP CONTAINER CLOSED. USE ONLY IN WELL VENTILATED
AREAS.

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

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

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

Ventilation:LOCAL EXHAUST VENTILA

TION RECOMMENDED.

Protective Gloves:RESISTANT TO CHEMICALS AND PETROLEUM DISTILLATES

Eye Protection:CHEMICAL GOGGLES SHOULD BE WORN. DO NOT WEAR CONTACT LENSES.

Other Protective Equipment:PROTECTIVE CLOTHING SUCH AS UNIFORMS,COVERALLS OR LAB COATS SHOULD BE WORN. LAUNDRY OR DRY CLEAN WHEN SOILED. BOOTS RESISTANT TO CHEMICALS AND PETROLEUM DISTILLATES.

Work Hygienic Practices:REMOVE AND DRY CLEAN OR LAUNDRY CLOTHING SOAKED OR SOILED BEFORE REUSE. DRY CLEANING MAY BE MORE EFFECTIVE THAN

LAUNDRYING. 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 R

ELEVANT

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

Melt/Freeze Pt:M.P/F.P Text:NOT PROVIDED

Decomp Temp:Decomp Text:NOT PROVIDED

Vapor Pres:43.9 @ 68F (20C)

Vapor Density:1.60

Spec Gravity:0.795 @ 60F (15.6C)

pH:NO INFORMATION

Viscosity:NOT DETERMINED

Evaporation Rate & Reference:5.9 (BU ACETATE = 1)

Solubility in Water:INFINITE

Appearance and Odor:COLORLESS, CHARACTERISTIC ODOR

Percent Volatiles by Volume:100

Corrosion Rate:NOT PROVIDED

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

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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:CARBON DIOXIDE,CARBON MONOXIDE

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

Toxicological Information:NOT PROVIDED

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

Ecological:NOT PROVIDED

===== Disposal Considerations

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

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MSDS Transport Information =====

Transport Information:DOT PROPER SHIPPING NAME: ALCOHOLS, N.O.S.
(ETHANOL, METHANOL), UN 1987, PGII. LABEL: FLAMMABLE LIQUID,
ARROW. DOT SPECIFICATION CONTAINER: IP2 THIS DENATURED ALCOHOL
CANNOT BE SENT THROUGH THE U.S. MAIL.

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Regulatory Information =====
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SARA Title III Information:SARA TITLE III, SECTION 311 HAZARD
CATEGORIZATION: ACUTE, CHRONIC AND FIRE: YES. SECTION 313
TOXIC CHEMICALS: METHANOL, CAS NO: 67-56-1. PERCENT: 4.8 %
Federal Regulatory Information:NOT PROVIDED
State Regulatory Information:NOT PROVIDED

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Other Information =====

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