

HOC INDUSTRIES, INC (HOME OIL CO) -- ALCOHOL, DENATURED -- 6810-00-577-4889

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Product Identification
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Product ID:ALCOHOL, DENATURED

MSDS Date:04/14/2000

FSC:6810

NIIN:00-577-4889

Status Code:A

MSDS Number: CKVLJ

=== Responsible Party ===

Company Name:HOC INDUSTRIES, INC (HOME OIL CO)

Address:3511 N. OHIO

Box:2609

City:WICHITA

State:KS

ZIP:67209

Country:US

Info Phone Num:316-838-4663

Emer

gency 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

Contract Num:SP0450-01-M-D205

CAGE:0A9L8

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Composition/Information on Ingredients
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Ingred Name:ETHANOL

CAS:64-17-5

RTECS #:KQ6300000

= Wt:95.2

OSHA PEL:1900 MG/M3;1000 PPM

ACGIH TLV:1880 MG/M3;1000 PPM

Ingred Name:METHANOL

CAS:67-56-1

RTECS #:PC1400000

= Wt:4.8

OS

HA 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 BY MANUFACTURER
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:POISON!!! DANGER! FLAMMABLE! CAUSES
IRRITATION TO EYES AND SKIN. USE ADEQUATE VENTILATION. MAY BE FATAL
IF TAKEN INTERNALLY - CANNOT BE MADE NONPOISONOUS. ACUTE: EY
E:

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,
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 AS
A CARCINOGEN BY NTP, OSHA, OR IARC.

Effects of Overexposure:

HEADACHE, DIZZINESS, DROWSINESS, NAUSEA,
UNCONSCIOUSNESS, COMA. SKIN & EYES: IRRITATION.

Medical Conditions Aggravated by Exposure:NOT PROVIDED BY MANUFACTURER

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

First Aid:EYE: 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 CONVULSING PERSON. INHALATION: REMOVE TO
FRESH AIR. IF NOT BREATHING, GIVE MOUTH-TO-MOUTH 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:

dia: DRY CHEMICAL, FOAM OR CARBON DIOXIDE.

Fire Fighting Procedures: WATER MAY BE INEFFECTIVE ON THE FLAMES, BUT WATER SHOULD BE USED TO KEEP FIRE-EXPOSED CONTAINERS COOL. 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 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 SEWERS. REPORT A

BLE QUANTITY: 10,000 LBS.

Neutralizing Agent: NOT PROVIDED BY MANUFACTURER

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

Handling and Storage Precautions: KEEP CONTAINER CLOSED. AVOID CONTACT WITH EYES & PROLONGED CONTACT WITH SKIN. USE ONLY IN WELL VENTILATED AREA. AVOID PROLONGED BREATHING OF VAPOR OR MIST. KEEP HEAD AWAY FROM CONTAINER WHEN OPENING OR DISPENSING. WASH THOROUGHLY AFTER HANDLING.

Other Precautions: DANGER! FLAMMABLE! POISON! CAUSES MILD IRRITATION TO

THE EYES. MAY CAUSE IRRITATION TO SKIN. DO NOT MIX WITH OXIDIZERS, NITRITE ACID AND 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 VENTILATION RECOMMENDED

Protective Gloves: GLOVES RESISTANT TO CHEMICALS & PETROLEUM DISTILLATES REQUIRED

Eye Protection: CHEMICAL

TYPE GOGGLES SHOULD BE WORN. DO NOT WEAR CONTACT LENS.

Other Protective Equipment:PROTECTIVE CLOTHING SUCH AS UNIFORMS, COVERALLS OR LAB COATS SHOULD BE WORN. LAUNDER OR DRY CLEAN WHEN SOILED.

Work Hygienic Practices:NOT PROVIDED BY MANUFACTURER
Supplemental Safety and Health
NOT PROVIDED BY MANUFACTURER

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

HCC:F2

Boiling Pt:B.P. Text:148 TO 173 DEG F

Vapor Pres:43.9 MMHG @ 68 DEG F

Vapor Density:1.60(AIR=1

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

THIS MATERIAL REACTS VOILENTLY WITH: HEAT, STRONG OXIDIZERS, STRONG ACIDS

Stability Condition to Avoid:HEAT, SPARKS, AND FLAME

Hazardous Decomposition Products:NOT PROVIDED BY MANUFACTURER

Conditions to Avoid Poly

merization:DOES NOT OCCUR

===== 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. NO WASTE CLASSIFICATION OF PRODUCT HAS BEEN ESTABLISHED (AS PRESENTLY CON

STITUTED). RECYCLE OR INCINERATE
ACCORDING TO LOCAL, STATE, AND FEDERAL REGULATIONS.

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

Transport Information:DOT PROPER SHIPPING NAME: ALCOHOLS, N.O.S.
(ETHANOL, METHANOL), UN1987, PGII.

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

SARA Title III Information:SARA TITLE II SECTION 311 HAZARD
CATEGORIZATION: ACUTE, CHRONIC, FIRE. TITLE III SECTION 313 TOXIC
CHEMICALS: METHANOL, CAS# 67-5

6-1, 4.8%.

Federal Regulatory Information:PRODUCT MUST CONFORM TO 27 CFR 21.35
(SD-3A).

State Regulatory Information:NOT PROVIDED BY MANUFACTURER.

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

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