

HOME OIL COMPANY, INC. -- DENATURED ALCOHOL -- 6810-00-543-7415

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Product Identification
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Product ID: DENATURED ALCOHOL

MSDS Date: 03/02/1998

FSC: 6810

NIIN: 00-543-7415

Status Code: A

MSDS Number: CKNZN

=== Responsible Party ===

Company Name: HOME OIL COMPANY, INC.

Address: 3511 N. OHIO

Box: 2609

City: WICHITA

State: KS

ZIP: 67219-2609

Country: US

Info Phone Num: 316-838-4663/316-832-1211 FAX

Emergen

cy Phone Num: 800-633-8253

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

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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: 1000 PPM

ACGIH TLV: 1000 PPM

Ingred Name: METHANOL

CAS: 67-56-1

RTECS #: PC1400000

= Wt: 4.8

OSHA PEL: 200 PPM

ACGIH TLV: 200 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt

Qty:5000 LBS

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===== Hazards Identification =====
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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, DROWSINESS, HEADACHE OR NAUSEA. MASSIVE OVEREXPOSURE MAY CAUSE UNCONSCIOUSNESS. CHRONIC: REPEATED SKIN CONTACT MAY CAUSE A PERSISTANT 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.

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===== First Aid Measures =====
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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 DEVELOP 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 ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, QUALIFIED PERSONNEL MAY ADMINISTER OXYGEN.

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===== Fire Fighting Measures =====
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Flash Point Method:T
CC

Flash Point:=12.2C, 54.F
54F

Autoignition Temp:=390.6C, 735.F

Autoignition Temp Text:735F

Lower Limits:4.3

Upper Limits:18

Extinguishing Media:USE 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/Explosio

n Hazard:PRODCUTS ENVLOVED WHEN SUBJECT TO HEAT OR COMBUSTION: CARBON MONOXIDE AND CARBON DIOXIDE MAY BE FORMED ON BURNING. FLAMMABLE! KEEP CONTAINERS TIGHTLY CLOSED. EXPLOSIVE AIR-VAPOR MIXTURES MAY OCCUR. V APOR IS HEAVIER THAN AIR AND MAY TRAVEL CONSIDERABLE DISTANCES TO SOURCES OF IGNITION AND THEN FLASH BACK.

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

Spill Release Procedures: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.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS AND FLAME. KEEP CONTAINER CLOSED. AVOID CONTACT WITH EYES AND PROLONGED CONTACT WITH SKIN. USE ONLY IN WELL VENTILATED AREAS. AVOID PROLONGED BREATHING OF VAPORS OR MIST. KEEP HEAD AWAY FROM CONTAINER WHEN OPENING OR DISPENSING. WASH THOROUGHLY AFTER HANDLING.

Other Precautions:OTHER INSTRUCTIONS: 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.

===== 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.

Eye Protection:CHEMICAL TYPE GOGGLES

Other Protective Equipment:EYES: AVOID EYE CONTACT. CHEMICAL TYPE GOGGLES SHOULD BE WORN. DO NOT WEAR CONTACT LENSES. SKIN: PROTECTIVE CLOTHING SUCH AS UNIFORMS, COVERALLS OR LAB COATS SHOULD BE WORN.

Work Hygienic Practices:LAUNDER OR DRY CLEAN WHEN SOILED. GLOVES AND BOOTS RESISTANT TO CHEMICALS AND PETROLEUM DISTILLAT

ES REQUIRED.

Supplemental Safety and Health

WARNING STATEMENT: POISON!!! DANGER! FLAMMABLE! CAUSES IRRITATION TO EYES AND SKIN. USE ADEQUATE VENTILATION. MAY BE FATAL OR CAUSE BLINDNESS IF TAKEN INTERNALLY-CANNOT BE MADE NONPOISONOUS.

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

Boiling Pt:=64.4C, 148.F

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

Vapor Pres:43.9@68F(20C)

Vapor Density:1.60

Spec Gravity:0.815@60F(15.6F)

Evaporation Rate & Reference:5.9

Solubility in Water:INFI

NITE

Appearance and Odor:COLORLESS, CHARACTERISTIC

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

DO NOT MIX WITH OXIDIZERS, NITRIC ACID AND HYDROGEN PEROXIDE.

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

Transport Information:TRANSPORT, HANDLE, AND STORE IN ACCORDANCE WITH OSHA REGULATION 1910.106 AND APPLICABLE DOT REGULATIONS. GROUND AND ELETRICALLY INTERCONNECT CONTAINERS FOR TRANSFER. USE SPARK-PROOF TOOLS. DOT PROPE R SHIPPING

NAME: ALCOHOLS, N.O.S.(ETHANOL,

METHANOL), UN 1987, PG II. DOT HAZARD CLASS: FLAMMABLE LIQUID.

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

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