

HOME OIL COMPANY -- ALCOHOL, DENATURED -- 6810-00-577-4889

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

Product ID:ALCOHOL, DENATURED

MSDS Date:06/24/1994

FSC:6810

NIIN:00-577-4889

MSDS Number: BTVYX

=== Responsible Party ===

Company Name:HOME OIL COMPANY

Address:3511 N. OHIO

City:WICHITA

State:KS

ZIP:67219

Country:US

Info Phone Num:316-838-4663

Emergency Phone Num:316-838-4663

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

CAGE:0A9L8

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

Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

Fraction by 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

Fraction by 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:NOT GIVEN FOR PRODUCT AS A WHOLE
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:POISON! MAY BE FATAL OR CAUSE
BLINDNESS IF TAKEN INTERANLLY. EYE CONTACT MAY CAUSE
MILD
IRRITATION. HARMFUL IF ABSORBED THROUGH THE SKIN. MAY CAUSE SLIGHT
SKIN IRRITATION UPON CONTACT; REPEATED CONTACT MAY CAUSE
DERMATITIS. OVEREXPOSURE TOMIST/VAPORS MAY CAUSE DIZZINESS,
DROWSINESS, HEADACHE OR NAUSEA, UNCONSCIOUSNESS
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION, DERMATITIS,
UPPER RESPIRAT
ORY TRACT IRRITATION, NAUSEA, HEADACHE, DROWSINESS,
DIZZINESS, UNCONSCIOUSNESS. MAY BE FATAL OR CAUSE BLINDNESS IF
SWALLOWED.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS
OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.
WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL
ATTENTION. IN HALA
TION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET
MEDICAL ATTENTION. INGESTION: CALL A DOCTOR IMMEDIATELY. ONLY
INDUCE VOMITING AS DIRECTED BY A DOCTOR. NEVER GIVE ANYTHING BY
MOUTH IF UNCONSCIOUS

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

Flash Point Method:TCC
Flash Point:54.0F,12.2C
Autoignition Temp:Autoignition Temp Text:725F
Lower Limits:4.3 %
Upper Limits:19 %
Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE
Fire Fighting Procedures:FIRE FIGHT

ERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. EXPLOSIVE AIR-VAPOR MIXTURES MAY OCCUR. VAPOR IS HEAVIER THAN AIR AND MAY TRAVEL CONSIDERABLE DISTANCE TO SOURCE OF IGNITION.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. EVACUATE AREA.

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT. CONTAIN SPILL. STOP LEAK IF CAN DO SO WITHOUT RISK. ABSORB LIQUID WITH SUITABLE ABSORBENT MATERIAL. COLLECT FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM HEAT, SPARKS AND FLAME. KEEP CONTAINER CLOSED. AVOID CONTACT WITH EYES.

Other Precautions:AVOID

REPEATED SKIN CONTACT. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. KEEP HEAD AWAY FROM CONTAINER WHEN OPENING OR DISPENSING. DO NOT MIX WITH OXIDIZERS, NITRIC ACID AND HYDROGEN PEROXIDE.

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

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

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION TO MAINTAIN EXPOSURE LEVELS.

Protective

Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO AVOID SKIN CONTACT. AN EMERGENCY EYE WASH STATION AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

DO NOT WEAR CONTACT LENSES. NOTE TO PHYSICIAN: ASPIRATION OF THIS PRODUCT DURING INDUCED EMESIS CAN RESULT IN LUNG INJURY. IF EVACUATIO

N 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

Boiling Pt:B.P. Text:148-173F

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

Vapor Pres:43.9

Vapor Density:1.60

Spec Gravity:0.814

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

Solubility in Water:INFINITE

Appearance and Odor:COLORLESS LIQUID, CHARACTERISTIC ODOR

P

Percent Volatiles by Volume:100 %

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS

Stability Condition to Avoid:HEAT, OPEN FLAME, SPARKS

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CON

TAINER OR

LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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 r

responsibility for the suitability of this information to their
particular situation.