

HOME OIL COMPANY, INC -- SPECIALLY DENATURED ETHYL ALCOHOL - 3A (ANH --
6810-00-201-0904

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

Product ID:SPECIALLY DENATURED ETHYL ALCOHOL - 3A (ANH

MSDS Date:04/01/1989

FSC:6810

NIIN:00-201-0904

MSDS Number: BPMQB

=== Responsible Party ===

Company Name:HOME OIL COMPANY, INC

Address:3511 N OHIO

Box:2609

City:WICHITA

State:KS

ZIP:67201-2609

Country:US

Info Phone Num:3

16-838-4663

Emergency Phone Num:800-424-9300(CHEMTREC)

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 (SARA 313) (NFPA - 0-3-0)

CAS:64-17-5

RTECS #:KQ6300000

Fraction by Wt: 95.22%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

Ingred Name

:METHYL ALCOHOL (SARA 313) (NFPA - 0-3-0)

CAS:67-56-1

RTECS #:PC1400000

Fraction by Wt: 4.78%

Other REC Limits:NONE SPECIFIED

OSHA PEL:S,200PPM/250STEL

ACGIH TLV:S,200PPM/250STEL; 93

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Effects of Overexposure:MAY BE FATAL IF SWALLOWED. HARMFUL IF INHALED
OR ABSORBED THROUGH

THE SKIN. CAUSES SKIN, EYE AND UPPER
RESPIRATORY TRACT IRRITATION. CAN CAUSE CENTRAL NERVOUS SYSTEM
DEPRESSION. CHRONIC EFFECTS: DAMAGE TO THE LIVER, DAMAGE TO THE
HEART, DAMAGE TO THE KIDNEYS.

Medical Cond Aggravated by Exposure:N/K WARNING: NOT INTENDED FOR
HUMAN CONSUMPTION. CONSUMPTION OF THIS PRODUCT DURING PREGNANCY CAN
CAUSE MENTAL RETARDATION AND OTHER BIRTH DEFECTS.

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

First Aid:EYE: IRRIGATE

IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES

AND GET MEDICAL ATTENTION. INGESTION: IF PATIENT IS CONSCIOUS,
INDUCE VOMITING AND GET MEDICAL ATTENTION. INHALATION: REMOVE FROM
EXPOSURE AND GET MEDICAL ATTENTION. SKIN: IRRIGATE IMMEDIATELY
WITH WATER.

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

Flash Point Method:TOC

Flash Point:60.0F,15.6C

Lower Limits:3.3

Upper Limits:19.0

Extinguishing Media:CARBON DIOXIDE, "ALCOHOL-TYPE FOAM," OR DRY
CHEMICAL

Fire Fighting Procedures:NIOSH-APPROVED RESP SHOULD BE WORN. USE WTR SPRAY TO COOL EQUIP & TO DISPERSE VAPORS. ALCOHOL FLAMES MAY BE DIFFICULT TO SEE AS THEY ARE VIRTUALLY COLORLESS

Unusual Fire/Explosion Hazard:VAPORS FORM FROM THIS PRODUCT AND MAY TRAVEL OR MOVE BY AIR CURRENTS TO AN IGNITION SOURCE AND FLASH BACK.

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. WEAR NIOSH-APPROVED RESPIRATOR. FLUSH SPILL AWAY WITH WATER SPRAY.

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

Handling and Storage Precautions:MATERIAL IS CLASSIFIED AS A FLAMMABLE LIQUID. KEEP LIQUID AND ITS VAPORS AWAY FROM HEAT, SPARKS, AND OPEN FLAME.

Other Precautions:AVOID EYE/SKIN CONTACT & INHAL OF VAPORS. THE BUREAU OF ALCOHOL, TOBACCO & FIREARMS (DEPT OF TREASURY) REGULATES THE PRODUCTION, PROCUREMENT & USE OF ETHYL ALCOHOL PROD. ALL USERS MUST COMPLY W/THESE REGULATIONS.
NOT FOR HUMAN CONSUMPTION.

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

Respiratory Protection:AN APPROPRIATE NIOSH-APPROVED RESPIRATOR SHOULD BE WORN WHEN TWA LIMITS ARE EXCEEDED.

Ventilation:LOCAL EXHAUST AS NECESSARY TO MEET TWA LIMITS

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES WITH SPLASH GUARDS/GOGGLE

Other Protective Equipment:EYE BATH AND SAFETY SHOWER SHOULD BE AVAILABLE

Work Hygienic Practices:EMPLOYEE MUST WEAR APPROPRIATE PROTECTIVE

CLOTHING

Supplemental Safety and Health

POISON - DANGER! CONTAINS METHANOL; MAY BE FATAL OR CAUSE BLINDNESS IF SWALLOWED.

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

HCC:F5

Boiling Pt:B.P. Text:173F,78C

Vapor Pres:43.9 @ 20C

Vapor Density:1.59

Spec Gravity:H2O=1/0.794@60F

Evaporation Rate & Reference:2.0 (N-BUTYL ACETATE)

Solubility in Water:INFINITE

Appearance and Odor:COLORLESS; WATER WHITE LIQUID; MILD, FRAGRANT ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid: YES

OXIDIZING MATERIALS CAN CAUSE VIGOROUS REACTION.

Stability Condition to Avoid: HEAT, SPARKS, OPEN FLAME.

Hazardous Decomposition Products: NONE. HOWEVER, AS WITH ANY OTHER ORGANIC MATERIAL, COMBUSTION WILL PRODUCE CARBON DIOXIDE AND POSSIBLY CARBON MONOXIDE.

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

Waste Disposal Methods: CONTROLLED INCINERATION; CONSULT LOCAL ORDINANCES FOR COMPLIANCE

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