

HOME OIL CO -- MIL-C-43454 TYPE 1 -- 6850-00-227-1887

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

Product ID:MIL-C-43454 TYPE 1  
MSDS Date:08/24/1998  
FSC:6850  
NIIN:00-227-1887  
MSDS Number: CDYDV  
=== 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:316-838-4663/800-633-8253 (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:SP0450-98-M-CL03  
CAGE:0A9L8  
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:SP0450-99-M-NH82  
CAGE:0A9L8

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

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
= Wt:79.9  
Ot

her REC Limits:NONE RECOMMENDED  
OSHA PEL:NOT RELEVANT  
ACGIH TLV:NOT RELEVANT

Ingred Name:ETHYL ALCOHOL (ETHANOL)  
CAS:64-17-5  
RTECS #:KQ6300000  
= Wt:19.1

Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM; 9596

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA 313) (CERCLA)  
CAS:67-56-1  
RTECS #:PC1400000  
= Wt:.9

Other REC Limits:NONE RECOMMENDED  
OSHA PEL:S, 200 PPM  
ACGIH TLV:S,200PPM/250STEL; 96  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:NONYLPHENOL POLYETHOXATE/ISO-NON  
YL ARYL POLYETHER ALCOHOL  
CAS:9016-45-9  
RTECS #:MD0900000  
= Wt:.1

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, CNS, LUNG &  
GI TRACT. ACUTE- TOXIC! MAY BE FATAL/CAUSE BLINDNESS IF INGESTED.  
HARMFUL IF ABSORBED THROUGH  
H SKIN. BELIEVED TO BE SLIGHTLY  
IRRITATING. INHALATION MAY AFFECT BRAIN /CNS. EYE CONTACT MAY CAUSE  
MILD IRRITATION. MASSIVE OVEREXPOSURE MAY CAUSE UNCONSCIOUSNESS.  
CHRONIC- DERMATITIS.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:IRRITATION, HEADACHE, NAUSEA, VOMITING, BLURRED  
VISION, TEARING, DRY SKIN, DERMATITIS, BLINDNESS, UNCONSCIOUSNESS,  
COMA

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS

PERSIST. EYES:IMMEDIATELY

FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL:CALL PHYSICIAN IMMEDIATELY. ONLY INDUCE VOMITING AS DIRECTED BY A DOCTOR. NEVER GIVE ANYTHING BY MOUTH OR INDUCE VOMITING IF VICTIM IS UNCONSCIOUS OR HAS CONVULSIONS.

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

Flash Point Method:TCC

Flash Point:=42.2C, 108.F

Autoignition Temp:=3

85.C, 725.F

Extinguishing Media:USE FOAM, DRY CHEMICAL OR CARBON DIOXIDE. WATER MAY BE INEFFECTIVE BUT SHOULD BE USED TO COOL FIRE-EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. DO NOT USE HIGH PRESSURE STREAM OF WATER TO EXTINGUISH BURNING MATERIAL.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.

CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH, VERMICULITE. PREVENT LIQUID FROM ENTERING SEWERS OR WATERWAYS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, WELL VENTILATED AREAS

AWAY FROM SOURCES OF IGNITION, STRONG OXIDIZING AGENTS & STRONG ACIDS.

Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE. FOLLOW LABEL INSTRUCTIONS. AVOID EYE/SKIN CONTACT. KEEP OUT OF REACH OF CHILDREN. DO NOT BREATHE VAPORS. DO NOT TAKE INTERNALLY. WORK UNDER THE HOOD.

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

Respiratory Protection:IF TLV IS EXCEEDED, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR AIR-PURIFYING RESPIRATOR

ATOR. IN EMERGENCY, WEAR A  
NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING  
APPARATUS.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF)  
VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:BUTYL FOR REPEATED/PROLONGED CONTACT

Eye Protection:SAFETY GLASSES WITH SIDE SHIELD/GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWERS SHOULD BE  
AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE.

Work Hygienic Practices:OB

SERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING,  
DRINKING/SMOKING.

Supplemental Safety and Health

NOTE TO PHYSICIAN: IN CASE OF INGESTION, GASTRIC LAVAGE MAY BE USED IF  
NECESSARY. THE USE OF AN INTRATRACHEAL TUBE PREVENTS ASPIRATION.

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

HCC:F4

NRC/State Lic Num:NOT RELEVANT

Vapor Density:>1

Spec Gravity:0.951

pH:6.4

Viscosity:NOT KNOWN

Evaporation Rate & Reference

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