

HOME OIL CO -- PETROLEUM ETHER -- 6810-00-584-3079

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

Product ID:PETROLEUM ETHER
MSDS Date:02/29/1996
FSC:6810
NIIN:00-584-3079
Status Code:A
MSDS Number: CJCWX
=== Responsible Party ===
Company Name:HOME OIL CO
Address:3511 N OHIO
Box:2609
City:WICHITA
State:KS
ZIP:67201
Country:US
Emergency Phone Num:1-800-633-8253 (PERS)
CAGE:0A9L8

=== Contractor Identification
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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-CL62
CAGE:0A9L8

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

Ingred Name:N-PENTANE
CAS:109-66-0
RTECS #:RZ9450000
= Wt:72.8
OSHA PEL:2950 MG/M3;1000 PPM
ACGIH TLV:1770 MG/M3;600 PPM
ACGIH STEL:2210 MG/M3;750 PPM

Ingred Name:2-METHYLPENTANE
CAS:107-83-5
RTECS #:SA2985000
= Wt:2.3

Ingred Name:3-METHYLPENTANE
CAS:96-14-

0
= Wt:5.4

Ingred Name:CYCLOPENTANE
CAS:287-92-3
RTECS #:GY2390000
= Wt:2.5
ACGIH TLV:1720 MG/M3;600 PPM

Ingred Name:2,2-DIMETHYLBUTANE
CAS:75-83-2
RTECS #:EJ9300000
= Wt:3.5

Ingred Name:2,3-DIMETHYLBUTANE
CAS:79-29-8
RTECS #:EJ9350000
= Wt:3.4

Ingred Name:ISOPENTANE
CAS:78-78-4
RTECS #:EK4430000
= Wt:1.7

Ingred Name:CIS-2-PENTENE
CAS:627-20-3
= Wt:.1

Ingred Name:N-HEXANE
CAS:110-54-3
RTECS #:MN9275000
= Wt:.2
OSHA PEL:1800 MG/M3;500 PPM
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:UNIDE
NTIFIED
= Wt:.1

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE- EYES: MAY CAUSE SLIGHT
IRRITATION INCLUDING PAIN, INFLAMMATION OF THE IRIS AND MUCOUS
MEMBRANES, REDNESS, AND TEARING. SKIN: MAY CAUSE DEFATTING
RESULTING IN DRYING, REDNESS, SWELLING, AND POSSIBLY BLISTERING.
INHALATION: MAY CAUSE CENTRAL NERVO

US DEPRESSION, UNCONSCIOUSNESS

AND DEATH. INGESTION: MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION, HEMORRHAGING OF MUCOUS MEMBRANES, DIARRHEA, OR A SPIRATION OF THE LIQUID RESULTING IN CHEMICAL PNEUMOCONIOSIS. CHRONIC: MAY CAUSE NEPHROTOXIN.

Explanation of Carcinogenicity:THIS PRODUCT IS NOT CURRENTLY LIST AS A CARCINOGEN BY OSHA, IARC, OR NTP.

Effects of Overexposure:HEADACHE, DIZZINESS, DISORIENTATION, EXCITEMENT, DROWSINESS, INCOORDINATION, HYPERSENSITIVITY, TREMORS, HYPERACTIVITY, UNCONSCIOUSNESS, COMA.

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

First Aid:EYES: FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MIN. GET MEDICAL ATTENTION. SKIN: WASH EXPOSED AREA WITH SOAP AND WATER. IF IRRITATION DEVELOPS, SEEK MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. CALL A DOCTOR IMMEDIATELY. A PHYSICIAN MAY, AT HIS DISCRETION, PERFORM GASTRIC LAVAGE USING A CUFFED ENDOTRACHEAL TUBE. INHALATION: REMOVE PATIENT TO FRESH AIR. IF NOT BREATHING, GIVE MOUTH-TO-MOUTH ARTIFICIAL RESPIRATION. NOTE: IF ILLNESS OR ADVERSE SYMPTOMS DEVELOP, SEEK MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:=-45.6C, -50.F

Lower Limits:1.1

Upper Limits:5.9

Extinguishing Media:USE DRY CHEMICAL, FOAM, OR CARBON DIOXIDE. WATER FOG OR SPRAY SHOULD BE USED TO KEEP FIRE-EXPOSED CONTAINERS COOL. DO NOT SPRAY WATER DIRECTLY ON FIRE.

Fire Fighting

Procedures:PRODUCT WILL FLOAT AND COULD BE REIGNITED ON SURFACE OF WATER. PROVIDE PROPER PROTECTION FOR THE PERSONS ATTEMPTING TO STOP THE LEAK AND/OR FIRE.

Unusual Fire/Explosion Hazard:EXTREMELY FLAMMABLE! KEEP CONTAINERS TIGHTLY CLOSED. EXPLOSIVE AIR-VAPORS MIXTURES MAY OCCUR. HIGHLY FLAMMABLE VAPORS WHICH ARE HEAVIER THAN AIR MAY ACCUMULATE IN LOW AREAS AND/OR SPREAD ALONG GROUND AWAY FROM HANDLING SITE TO SOURCES OF IGNITION AND THEN FLASH BACK.

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= 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 DRY, INERT ABSORBENT. AVOID CONTACT WITH EYES. AVOID ALLOWING PRODUCT FROM ENTERING STREAMS OR SEWERS.

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

Handling and Storage

Precautions:FLAMMABLE. 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 VAPOR OR MIST. KEEP HEAD AWAY FROM CONTAINER WHEN OPENING OR DISPENSING. DO NOT MIX WITH OXIDIZERS.

Other Precautions:DANGER! FLAMMABLE. CAUSES MILD IRRITATION TO THE EYES. MAY CAUSE IRRITATION TO SKIN.

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

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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:USE GLOVES IMPERVIOUS TO THE MATERIAL BEING USED.

Eye Protection:CHEMICAL TYPE GOGGLES. DO NOT WEAR CONTACT LENSES.

Other Protective Equipment:DO SPECIAL GARMENTS REQUIRED.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

NONE

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

HCC:F2

Boiling Pt:B.P. Text:99-133F

Vapor Pres:13.8 PSI AT 100 DEGREE

Vapor Density:2.5

Spec Gravity:0.643 @ 60 DEGREE F

pH:N.A.

Viscosity:N.E.

Evaporation Rate & Reference:(BU-ACETRATE =1) >1

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR, MILD GASOLINE ODOR

Percent Volatiles by Volume:100

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

Hazardous Decomposition Products:CARBON OXIDES AND VARIOUS HYDRO

CARBONS

MAY BE FORMED ON BURNING.

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

Waste Disposal Methods:INCINERATE OR OTHERWISE MANAGE IN RCRA PERMITTED WASTE MANAGEMENT FACILITY.

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

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

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