

HOME OIL CO -- LACTOL SPIRITS -- 6810-00-265-0664

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

Product ID:LACTOL SPIRITS

MSDS Date:01/03/1992

FSC:6810

NIIN:00-265-0664

MSDS Number: BQCRC

=== 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 FAX:316-832-1211

Emergency Phone Num:316-838-4663

CAGE:0A9L8

=== Contra

ctor 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:NAPHTHA, LIGHT ALIPHATIC (PETROLEUM) (THIS MATERIAL  
CONTAINS UP TO 5 VOL.% BENZENE AND 20 VOL.% N-HEXANE)

CAS:64742-89-8

Fraction by Wt: 1%

Other REC Limits:NONE RECOMMENDED

Ingred Name:N-HEPTANE

CAS:142-82-5

RTECS #:MI7700000

Fraction by Wt: 1%

Other

REC Limits:NONE RECOMMENDED  
OSHA PEL:500 PPM/500 STEL  
ACGIH TLV:400 PPM/500STEL;9293

Ingred Name:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 10-18%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:METHYLCYCLOHEXANE  
CAS:108-87-2  
RTECS #:GV6125000  
Fraction by Wt: 1%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:500 PPM  
ACGIH TLV:400 PPM; 9293

Ingred Name:CYCLOHEXANE (SARA III)  
CAS:110-82  
-7  
RTECS #:GU6300000  
Fraction by Wt: 1-3%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:300 PPM  
ACGIH TLV:300 PPM, 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:OTHER C6-C8 PARAFFINS AND CYCLOPARAFFINS  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute a

nd Chronic: EYE CONTACT: DIRECT CONTACT MAY CAUSE STINGING, TEARING, REDNESS SWELLING. SKIN: DIRECT CONTACT MAY CAUSE REDNESS, BURNING, DRYING AND CRACKING OF THE SKIN. INHALATION: BREATHING HIGH CONCENTRATIONS OF VAPOR MAY CAUSE IRRITATION OF NOSE AND THROAT AND SIGNS OF DEPRESSION. INGESTION: IRRITATION OF THE DIGESTIVE TRACT.

Explanation of Carcinogenicity: MANUFACTURER STATES "THIS MATERIAL HAS NOT BEEN IDENTIFIED AS A CARCINOGEN BY NTP, IARC, OR OSHA".

Effects of Overexposure:

OVEREXPOSURE TO SOLVENTS MAY CAUSE PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INHALATION OF THIS PRODUCT MAY BE HARMFUL OR FATAL. INHALATION OF TOLUENE HAS BEEN SHOWN TO CAUSE LIVER, KIDNEY AND BRAIN DAMAGE. INGESTION OF EXCESSIVE QUANTITIES MAY CAUSE SIGNS OF DEPRESSION, HEADACHE, DROWSINESS, DIZZINESS, FATIGUE.

Medical Condition Aggravated by Exposure: RESPIRATORY SYMPTOMS ASSOCIATED WITH PRE-EXISTING LUNG DISORDERS SUCH AS ASTHMA.

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First Aid

Measures =====

First Aid: EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELID. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ADVICE. INHALATION: REMOVE TO FRESH AIR. GIVE MOUTH-TO-MOUTH RESUSCITATION IF NOT BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET MEDICAL ATTENTION IMMEDIATELY.

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Fire Fighting Measures

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Fire Fighting Measures =====

Flash Point Method: TCC

Flash Point: 20.0F, -6.7C

Lower Limits: 1.0

Upper Limits: 7.0

Extinguishing Media: DRY CHEMICAL, CARBON DIOXIDE, HALON, FOAM OR WATER SPRAY. WATER MAY BE INEFFECTIVE.

Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. WATER SPRAY MAY BE USEFUL IN DISPERSING VAPORS.

Unusual Fire/Explosion Hazard: VAPORS MAY TRAVEL CONSIDERABLE DISTANCES TO A SOURCE OF IGNITION

ON. VAPORS ARE HEAVIER THAN AIR AND MAY ACCUMULATE IN LOW AREAS. CONTAINERS NOT COOLED MAY EXPLODE

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

Spill Release Procedures:EXTREMELY FLAMMABLE. REMOVE ALL SOURCES OF IGNITION. STAY UPWIND AND AWAY FROM SPILL. ISOLATE HAZARD AREA. PREVENT SPILL FROM ENTERING SEWERS, STORM DRAINS. SPILLED MATERIAL MAY BE ABSORBED INTO AN AP PROPRIATE ABSORBENT MATERIAL.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED. USE AND STORE IN COOL, DRY, WELL VENTILATED AREAS AWAY FROM HEAT, DIRECT SUNLIGHT, HOT METAL SURFACES.  
Other Precautions:BOND AND GROUND ALL EQUIPMENT WHEN TRANSFERRING FROM ONE VESSEL TO ANOTHER. STORE ONLY IN APPROVED CONTAINERS. PROTECT CONTAINERS AGAINST PHYSICAL DAMAGE. EMPTY CONTAINERS RETAIN RESIDUE AND CAN BE DA NGEROUS.

===== Exposu re Controls/Personal Protection =====

Respiratory Protection:SUPPLIED AIR RESPIRATOR AS NEEDED FOR AIRBORNE CONCENTRATIONS WHEN EXCEEDING LIMITS.  
Ventilation:ADEQUATE VENTILATION REQUIRED  
Protective Gloves:IMPERMEABLE  
Eye Protection:APPROVED EYE PROTECTION  
Other Protective Equipment:IMPERVIOUS CLOTHING SHOULD BE WORN AS NEEDED. A SOURCE OF CLEAN WATER AVAILABLE IN THE WORK AREA.  
Work Hygienic Practices:USE WITH ADEQUATE VENTILATION. AVOID BREATHING VAPOR/SPRAY MIST. AVOID C ONTACT WITH SKIN & EYES. WASH HANDS AFTER USE.  
Supplemental Safety and Health  
KEEP CONTAINER CLOSED WHEN NOT IN USE. TRANSFER ONLY TO APPROVED CONTAINERS WITH COMPLETE AND APPROPRIATE LABELING. DO NOT TAKE INTERNALLY. DO NOT CUT, DRILL, BRAZE, WELD, SOLDER, PRESSURIZE ETC. CONT AINERS OF THIS MATERIAL.

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

HCC:F2  
Boiling Pt:B.P. Text:201F,94C  
Vapor Pres:60  
Vapor Density:3.4  
Spec Gravity:0.746  
Solubility in Water:M

MODERATE

Appearance and Odor: CLEAR LIQUID, LITTLE IF ANY COLOR, CHARACTERISTIC ODOR.

Percent Volatiles by Volume: 100

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

Stability Indicator/Materials to Avoid: YES

STRONG ACIDS, STRONG BASES, OXIDIZING AGENTS AND SELECTED AMINES.

Stability Condition to Avoid: AVOID ALL POSSIBLE SOURCES OF IGNITION

Hazardous Decomposition Products: COMBUSTION MAY YIELD CARBON MONOXIDE AND/OR CARBON DIOXIDE.

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

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Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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