

HOME OIL CO -- TOLUENE -- 6810-00-290-0048

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

Product ID:TOLUENE

MSDS Date:12/24/1991

FSC:6810

NIIN:00-290-0048

MSDS Number: CCHSW

=== Responsible Party ===

Company Name:HOME OIL CO

Address:3511 N OHIO

Box:2609

City:WICHITA

State:KS

ZIP:67219

Country:US

Info Phone Num:316-838-4663

Emergency Phone Num:316-838-4663/800-424-9300(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:TOLUENE (SARA 313) (CERCLA)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM; Z-2

ACGIH TLV:S, 50 PPM; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:BENZENE (SARA 313) (CERCLA)

CAS:71-43-2

RTECS #:CY1400000

Fraction by Wt: .01-.09%

Other REC Limits:NONE RECOMMEN

DED
OSHA PEL:SEE 1910.1028
ACGIH TLV:10 PPM; A2; 9596
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, CNS, LUNG.
ACUTE AND CHRONIC- MAY CAUSE EYE & SKIN IRRITATION. INGESTION MAY
CAUSE VOMITING; ASPIRATION INTO LUNGS
MAY CAUSE LUNG DAMAGE.
INHALATION OF HIGH VAPOR CONCENTRATIONS MAY CAUSE CNS DEPRESSION.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, HEADACHE, DIZZINESS, NAUSEA,
VOMITING, COUGH, DEFATTING OF SKIN, TEARING
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING
DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, CNS MAY HAVE
INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

===== First Aid Measures =====
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First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH
AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15
MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO
NOT INDUCE VOMITING. IF CONSCIOUS, RINSE MOUTH WITH WATER. SEEK
MEDICAL ATTENTION. IF SPONTANEOUS VOMITING OCCURS, KEEP HEAD BELOW
HIPS TO PREVENT ASPIRATION OF VOMITUS INTO LUNGS.

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

Flash Point
Method:TCC
Flash Point:=-4.4C, 40.F
Autoignition Temp:=-480.C, 896.F
Lower Limits:1.4
Upper Limits:7.6
Extinguishing Media:USE FOAM, DRY CHEMICAL/CARBON DIOXIDE. DON'T USE
DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED.
Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS. TOXIC GASES MAY BE PRESENT.
COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY.
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 OR EXPLOSION PROOF PUMP. TRANSFER TO A SUITABLE CONTAINER FOR DISPOSAL. DO NOT FLUSH TO SEWER OR WATERWAYS.

Neutralizing Agent:N
NOT RELEVANT

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED PLACE AWAY FROM IGNITION SOURCES. DO NOT TAKE INTERNALLY.

Other Precautions:FLAMMABLE. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. AVOID INHALATION OF VAPORS. KEEP OUT OF REACH OF CHILDREN, OBEY HAZARD WARNING LABEL. FOR LABORATORY USE ONLY. NOT FOR DRUG, FOOD/HOUSEHOLD USE. USE WITH ADEQUATE VENTILATION

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

Respiratory Protection:NONE SHOULD BE NEEDED IN NORMAL LABORATORY HANDLING. IF NEEDED, WORK IN A FUME HOOD OR WEAR A NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR. IN EMERGENCY, WEAR NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

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

Protective Gloves:NEOPRENE, BUTYL RECOMMENDED

Eye Protection:CHEMICAL SPLASH GOGGLES OPTIONAL

Other Protective Equipment:SAFETY SHOWER AND EYE WASH FOUNTAIN SHOULD BE LOCATED NEARBY. WEAR APPROPRIATE PROTECTIVE CLOTHING FOR RISK OF EXPOSURE.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=110.C, 230.F

Vapor Pres:36 @ 86F

Vapor Density:3.1

Spec Gravity:0.870

Solubility in Water:INS

OLUBLE

Appearance and Odor: CLEAR LIQUID - AROMATIC TYPE ODOR

Percent Volatiles by Volume: 100

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

Stability Indicator/Materials to Avoid: YES

NONE

Stability Condition to Avoid: HEAT, SPARKS, FLAMES, STATIC ELECTRICITY
AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE MAY BE
FORMED.

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

Waste Disposal Methods: CONSIDER

RECLAMATION BY DISTILLATION OR DISPOSE

OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. MAY
BE DISPOSED OF IN AN APPROVED INCINERATOR OR CONTRACT WITH A
LICENSED WASTE DISPOSAL SERVICE. REPORTABLE QUANTITY: 1000 POUNDS.

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