

KOCH REFINING CO -- KEROSENE -- 9140-00-273-2394

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

Product ID:KEROSENE

MSDS Date:03/05/1985

FSC:9140

NIIN:00-273-2394

MSDS Number: BPMMRM

=== Responsible Party ===

Company Name:KOCH REFINING CO

Address:4111 E 37TH ST N

Box:2302

City:WICHITA

State:KS

ZIP:67201

Country:US

Info Phone Num:316-832-5500

Emergency Phone Num:316-832-5500

CAGE:2V269

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO

Address:5200 PAUL BLAZEL MEMORIAL PARKWAY

Box:City:DUBLIN

State:OH

ZIP:43017

Country:US

Phone:614-889-4505

CAGE:5A188

Company Name:KOCH REFINING CO INC

Address:SUNTIDE RD

Box:2608

City:CORPUS CHRISTI

State:TX

ZIP:78403

Country:US

CAGE:2V269

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

Ingred Name:ALIPHATIC PETROLEUM SOLVENT (KEROSENE)

CAS:8008-20-6

RTECS #:OA5500000

Fraction by Wt: 100%

Other REC Limits:100 PPM

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

LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.

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/SKIN:IRRITATION.

INHALATION:IRRITATION TO THE RESPIRATORY TRACT, DIZZINESS,
HEADACHE, UNCONSCIOUSNESS. INGESTION:UNLIKELY TO CAUSE ILL
EFFECTS., MAY CAUSE IRRITATION OF GI TRACT.

Effects of Overexposure:EYE IRRITATION, SKIN:IRRITA
TION/DRYING OF SKIN.

INHALATION: RESPIRATORY IRRITATION, GIDDINESS, DIZZINESS,
HEADACHES, NAUSEA, VOMITING.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SKIN:WASH AFFECTED AREA WITH SOAP AND WATER. REMOVE
CONTAMINATED CLOTHING. MEDICAL ATTENTION MAY BE NECESSARY.
EYES:IMMEDIATELY FLUSH WITH WATER FOR 20 MINUTES, LIFTING EYELIDS.
SEEK IMMEDIATE MEDICAL ATTENTION. INHLATION:
MOVE EXPOSED PERSON
TO FRESH AIR. ADMINISTER ARTIFICIAL RESPIRATION AND OXYGEN IF
NECESSARY. SEEK MEDICAL ATTENTION. INGESTION:DO NOT INDUCE
VOMITING. RINSE MOUTH. GET MED HELP.

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

Flash Point:120F,49C

Autoignition Temp:Autoignition Temp Text:240C

Lower Limits:1.0%

Extinguishing Media:ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL
EXTINGUISHER. WATER FOG TO COOL EXPOSED CONTAINERS.

Fire Fighting Procedures:USE FULL

PROTECTIVE EQUIPMENT INCLUDING

SELF-CONTAINED BREATHING APPARATUS. STOP FLOW OF MATERIAL BEFORE
EXTINGUISHING FIRE. DIKE TO PREVENT RUNOFF.

Unusual Fire/Explosion Hazard:VAPORS MAY SPREAD TO REMOTE IGNITION
SOURCES.

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

Spill Release Procedures:RESTRICT ACCESS TO AREA. DIKE TO PREVENT ENTRY
INTO SEWERS OR WATERWAYS. REMOVE IGNITION SOURCES. USE PROTECTIVE
EQUIPMENT. RECOVER BY PUMPING OR ABSORB IN AN INERT MATE

RIAL AND

SAVE IN COVERED CONTAINERS FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT USE OR STORE NEAR FLAME,
SPARKS, HOT SURFACES OR INCOMPATIBLES. USE AND STORE ONLY IN COOL,
WELL-VENTILATED AREA. KEEP CONTAINER CLOSED.

Other Precautions:SMOKING SHOULD BE PROHIBITED WHEN TRANSFERRING
PRODUCT.

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

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Respiratory Protection:NOT NORMALLY REQUIRED. APPROVED ORGANIC VAPOR
RESPIRATOR OR SCBA FOR SPILL EMERGENCIES.

Ventilation:MAINTAIN LOW VAPOR CONCENTRATION, MATERIAL HAS LOW
VOLATILITY. MECHANICAL VENTILATION SHOULD BE SPARK PROOF.

Protective Gloves:NEOPRENE, NITRILE RUBBER

Eye Protection:SPLASH-PROOF CHEMICAL SAFETY GOGGLES

Other Protective Equipment:IMPERVIOUS CLOTHING TO MINIMIZE SKIN
CONTACT.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT
AND
BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

DO NOT WEAR OIL CONTAMINATED CLOTHING. HIGHLY VOLATILE, FLAMMABLE
MATERIAL.

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

HCC:F4

Boiling Pt:B.P. Text:365F,185C

Vapor Pres:1 MMHG

Vapor Density:> 1

Spec Gravity:0.82

pH:NEUTRL

Evaporation Rate & Reference:< 1 (ETHYL ETHER = 1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR LIQUID WITH HYDROCARBON ODOR.

Percent Volatiles by Volume:>45

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS SUCH AS LIQUID OXYGEN, CHLORINE

Stability Condition to Avoid: HEAT, SPARKS, OPEN FLAMES

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE AND
SULFUR DIOXIDE.

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

Waste Disposal Methods: DISPOSE OF SPILL AND CONTAMINATED SOIL IN
APPROVED WASTE DISPOSAL SITE. COMPLY WITH ALL APPROPRIATE
FEDERAL,
STATE AND LOCAL REGULATIONS.

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