

CROSS OIL AND REFINING CO INC -- A-A-50493 TYPE I -- 9150-00-261-7899

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Product Identification  
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Product ID:A-A-50493 TYPE I  
MSDS Date:10/09/1997  
FSC:9150  
NIIN:00-261-7899  
MSDS Number: CGLCJ  
=== Responsible Party ===  
Company Name:CROSS OIL AND REFINING CO INC  
Address:484 E 6TH ST  
Box:105  
City:SMACKOVER  
State:AR  
ZIP:71762  
Country:US  
Info Phone Num:501-725-3611 EXT. 127  
Emergency Phone Num:  
501-725-3611 EXT. 163 (USA)  
CAGE:01YH6  
=== Contractor Identification ===  
Company Name:CROSS OIL AND REFINING CO INC  
Address:484 E 6TH ST  
Box:City:SMACKOVER  
State:AR  
ZIP:71762  
Country:US  
Phone:870-725-3611 EXT 127  
CAGE:01YH6  
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

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Composition/Information on Ingredients  
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Ingred Name:MATERIAL CONSISTS OF 100% OF NAPHTHENIC OIL (INGREDIENTS

1

OR 2)

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:HYDROTREATED MIDDLE PETROLEUM DISTILLATE

CAS:64742-46-7

RTECS #:JN9379645

Fraction by Wt: INGRED3%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:MINERAL OIL (GRADES > 50 TO < 100)

CAS:64742-53-6

RTECS #:PY8036000

Fraction by Wt: INGRED3%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

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CGIH TLV:5 MG/M3 (OIL MIST)

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS >5000 MG/KG.

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN. ACUTE- EYES:

IRRITATING BUT WILL NOT PERMANENTLY INJURE. SKIN:PROLONGED/REPEATED CONTACT MAY CAUSE IRRITATION. INHALE:WILL NOT PRODUCE VAPORS UNLESS HEATED TO 300F. ORAL:SMA

L L AMOUNTS (TABLESPOONFUL) SWALLOWED

AREN'T LIKELY TO CAUSE INJURY. LARGE AMOUNTS MAY CAUSE VOMITING.

CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, NAUSEA, VOMITING, TEARING

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN

DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO

FRESH

AIR. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN.  
SKIN:REMOVE EXCESS. WASH SKIN WITH SOAP & WATER. ORAL:IF MORE THAN SEVERA L MOUTHFULS HAVE BEEN SWALLOWED, DRINK TWO GLASSES OF WATER (16 OZ) AND CALL PHYSICIAN.

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

Flash Point Method:TCC

Flash Point:235F,113C

Extinguishing Media:WATER FOG/SPRAY, CARBON DIOXIDE, FOAM/DRY CHEMICAL.  
DIRECTLY SPRAYING WATER/FOAM ONTO BURNING OIL MAY CAUSE FR  
OTHING.

Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED OR CONFINED AREA  
WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED  
SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:NONE

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

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

VOID EYES OR SKIN CONTACT.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL PLACE AWAY FROM STRONG  
OXIDIZING AGENTS.

Other Precautions:WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING  
AND BEFORE EATING, DRINKING, SMOKING. KEEP OUT OF REACH OF  
CHILDREN. AVOID BREATHING MISTS. AVOID EYE CONTACT.

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

Respiratory Protecti

on:NONE NORMALLY REQUIRED. IF TLV IS EXCEEDED OR  
FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR  
RESPIRATOR OR AIR-PURIFYING RESPIRATOR. IN EMERGENCY, WEAR A  
NIOSH-APPROVED POSITIVE- PRE SSURE SELF-CONTAINED BREATHING  
APPARATUS

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV  
REQUIREMENTS.

Protective Gloves:RUBBER FOR PROLONGED/REPEATED CONTACT

Eye Protection:SAFETY GLASSES RECOMMENDED

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER

, PROTECTIVE  
CLOTHING

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

Supplemental Safety and Health  
NONE

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

HCC:V6  
NRC/State Lic Num:NOT RELEVANT  
Boiling Pt:B.P. Text:515F,268C  
Vapor Pres:1.2  
Vapor Density:>1  
Spec Gravity:0.882  
Viscosity:4-60CST @104F  
Solubility in Water:INSOLUBLE  
Appearance and Odor:BRIGHT, CLEAR LIQUID - MINERAL ODOR  
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:EXTREME HEAT  
Hazardous Decomposition Products:MAY FORM CARBON MONOXIDE, CARBON  
DIOXIDE, IRRITATING ALDEHYDES AND KETONES.

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

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

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