

CROSS OIL AND REFINING CO INC -- L 40-200 -- 9150-00-261-7899

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

Product ID:L 40-200

MSDS Date:07/29/1996

FSC:9150

NIIN:00-261-7899

MSDS Number: CDXJW

=== 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

CAGE:01YH6

=== Contractor Identification ===

Company Name:C

ROSS 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

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

Ingred Name:HYDROTREATED MIDDLE PETROLEUM DISTILLATE (GRADES 40 TO 50)

CAS:64742-46-7

RTECS #:JN9379645

Fraction by Wt: 5%

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: 5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:MINERAL OIL, HYDROTREATED (MILD), HEAVY NAPHTHENIC
DISTILLATE, PETROLEUM (GRADES > 100)
CAS:64742-52-5
RTECS #:PY8035000
Fraction by Wt: 5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 AS OIL MIST
ACGIH TLV:5 MG/M3 AS OIL MIST

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

LD50 LC50 Mixture:TLV FOR OIL MIST IS 5 MG/M3.
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:EYES, SKIN, RESPIRATORY
& GI TRACTS. ACUTE- EYES:MAY CAUSE IRRITATION.
SKIN:PROLONGED/REPEATED CONTACT MAY CAUSE IRRITATION & DEFATTING.
INHALE:MISTS MAY CAUSE IRRITATION. ORAL:IF MORE THAN SEVERAL
MOUTHFULS A
RE SWALLOWED, ABDOMINAL DISCOMFORT, NAUSEA, DIARRHEA MAY
OCCUR. CHRONIC- UNKNOWN.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, NAUSEA, VOMITING, SWELLING,
TEARING, REDNESS, DIARRHEA
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

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:IF MORE THAN SEVERAL MOUTHFULS ARE SWALLOWED & IF CONSCIOUS, RINSE MOUTH WITH WATER & DRINK TWO GLASSES OF WATER. SEEK IMMEDIATE MEDICAL ATTENTION. IF SPONTANEOUS VOMITING OCCURS, KEEP HEAD BELOW HIPS.

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

Flash Point Method:COC
Flash Point:261F,127C
Extinguishing Media:WATER FOG,
FOAM, DRY CHEMICAL/CARBON DIOXIDE. WATER
OR FOAM MAY CAUSE FROTHING. COOL CONTAINERS WITH WATER SPRAY.
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:PICK UP SPILL WITH INERT MATERIAL SUCH AS
SAND, CLAY, EARTH. SHOVEL INTO CONTAINERS FOR DISPOSAL. PREVENT
RUN-OFF TO ENTER WATERWAYS, SEWERS.
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, DRY, VENTILATED PLACE
AWAY FROM STRONG OXIDIZERS. KEEP OUT OF REACH OF CHILDREN.
Other Precautions:AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY
AFTER HANDLING. LAUNDER CLOTHING BEFORE REUSE. AVOID INHALING
MISTS. EMPTY CONTAINERS OF THIS PRODUCT MAY BE HAZARDOUS DUE TO THE
RETENTION OF RESIDUE S. DO NOT TAKE INTERNALLY.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF WORKING IN CONFINED
AREAS, IF EXCESSIVE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES
EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS (PEL), WEAR
NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR.
Ventilation:USE ADEQUATE VENTILATION TO KEEP OIL MISTS OF THIS MATERIAL
BELOW APPLICABLE STANDARD(S).
Protective Gloves:NITRILES

IF PROLONGED/REPEATED CONTACT
Eye Protection:SAFETY GOGGLES IF SPLASHING ANTICIPATED
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.
INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. DISCARD CONTAMINATED LEATHER GLOVES AND
SHOES.
Supplemental Safety and Health
FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

===== Physical/Chemical Properties ==
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HCC:V6
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:480F - 711F
Vapor Pres:NEGLIGIBLE
Vapor Density:>1
Spec Gravity:0.882 - 0.913
Viscosity:4-60CST @104F
Solubility in Water:INSOLUBLE
Appearance and Odor:BRIGHT, CLEAR LIQUID - MINERAL OIL ODOR
Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:EXCESSIVE HEAT
Hazardous Decomposit
ion Products:CARBON MONOXIDE, CARBON DIOXIDE,
IRRITATING ALDEHYDES AND KETONES

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

Waste Disposal Methods:DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY
IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
INCINERATION IS RECOMMENDED.

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