

WITCO CHEMICAL CORP KENDALL REFINING CO DIV -- KENDALL NON-DETERGENT MOTOR OIL,
ALL SAE GRADE -- 9150-01-079-8310

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

Product ID:KENDALL NON-DETERGENT MOTOR OIL, ALL SAE GRADE

MSDS Date:05/02/1990

FSC:9150

NIIN:01-079-8310

MSDS Number: BHJGM

=== Responsible Party ===

Company Name:WITCO CHEMICAL CORP KENDALL REFINING CO DIV

Address:77 N KENDALL AVENUE

Box:2000

City:B

RADFORD

State:PA

ZIP:16701-1726

Country:US

Info Phone Num:814-368-6111

Emergency Phone Num:814-368-6111

Preparer's Name:LUTHER DROMGOLD

CAGE:75273

=== Contractor Identification ===

Company Name:CROWN OIL & CHEMICAL CO.

Address:751 HILL STREET

Box:City:JEFFERSON

State:LA

ZIP:70121

Country:US

Phone:504 OUT OF BUSINESS

CAGE:0CF76

Company Name:DAVIS HOWLAND OIL CORP.

Address:200 ANDERSON AVE.

City:ROCHESTER

State:NY

ZIP:14607

Country:US

Phone:716-473-6650

CAGE:5A565

Company Name:INLAND PACKAGING

INC
Address:209 PETERSON DR
Box:644
City:ELIZABETHTOWN
State:KY
ZIP:42701-9804
Country:US
Phone:502-737-6757
CAGE:66172
Company Name:MALTER INTERNATIONAL BULK CHEMICAL DIVISION
Address:80 FIRST STREET
Box:City:GRETNA
State:LA
ZIP:70053
Country:US
Phone:504-362-3232, OR 800-535-4095
CAGE:27978
Company Name:WITCO CHEMICAL CORP,KENDALL REFINING CO. DIVISION
Address:77 N KENDALL AVENUE
Box:2000
City:BRADFORD
State:PA
ZIP:16701-1726
Country:US
Phone:814-368-6111
CAGE:75273

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Composition
/Information on Ingredients =====

Ingred Name:LUBRICATING OIL(MIXTURE)PETROLEUM HYDROCARBONS
OSHA PEL:5 MG/M3, AS OIL MIST
ACGIH TLV:5 MG/M3, AS OIL MIST

Ingred Name:ADDITIVES

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Hazards Identification =====

LD50 LC50 Mixture:TLV IS 5 MG/M3 FOR OIL MIST.
Routes of Entry: Inhalation:UNKNOWN Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF EYES AND
SKIN;RESPIRATOR

Y OR G.I.TRACTS IN CASE OF OIL MIST/VAPORS;CNS
EFFECTS LIKE HEADACHE,DIZZINESS,NAUSEA,VOMITING
POSSIBLE.CHRONIC:DRYING OF SKIN,DEFATTING OR DERMATITIS.

Explanation of Carcinogenicity:DATA PER MSDS

Effects of Overexposure:SEE HEALTH HAZARDS DATA.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS
OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR
RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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===== First Aid Measures =====
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First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.
GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER
FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.
SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF
IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE
VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE
MEDICAL ATTENTION.

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===== Fire Fighting Meas
ures =====

Flash Point Method:COC

Flash Point:>193.3C, 380.F

Lower Limits:1

Upper Limits:10

Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER
FOG.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:NONE SPECIFIED;FIRE OR EXCESSIVE HEAT MAY
CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITIO
N PRODUCTS.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;REMOVE ALL
IGNITION SOURCES;CONTAIN FREE MATERIAL IF POSSIBLE;USE SUITABLE
INERT ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL IN AN
APPROVED CONTAINER.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED
AREA. KEEP C

CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT
CONTAINERS FROM PHYSICAL DAMAGE.DO NOT STORE>100F
Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID
PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES.
USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:NONE NORMALLY NEEDED;USE NIOSH/MSHA APPROVED
RESPIRATOR FOR ORGANIC VAPORS/MIST AS REQUIRED

IF ABOVE PEL/TLV OR

SCBA IN AN ENCLOSED AREA.

Ventilation:NORTMAL ROOM VENTILATION OR LOCAL/GENERAL TO MAINTAIN
PEL/TLV.

Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION,WORK CLOTHING AND APRON AS
REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR
FOOTWEAR.

Supplemental Safety and Heal

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PART B OF THIS NSN IS DUPLICATE OF PART A. NEEDED TO DUPLICATE FILE SO
TO ADD ANOTHER DISTRIBUTOR TO NSN.

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

HCC:V6

Boiling Pt:>330.C, 626.F

Melt/Freeze Pt:100

Evaporation Rate & Reference:NIL

Solubility in Water:NIL

Appearance and Odor:DARK GREEN-BROWN LIQUID WITH MOTOR OIL ODOR

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid

:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,OXIDES
OF PHOSPHORUS AND SULFUR AND OTHER UNIDENTIFIED COMPONENTS.

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

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES.DISPOSAL MUST BE MADE
IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND
REGULATIONS.

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