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WITCO CHEMICAL CORP,KENDALL REFINING CO. DIVISION -- NON-DETERGENT MOTOR OIL,ALL
SAE GRADES,SAE 20 ND -- 9150-01-079-8310

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

Product ID:NON-DETERGENT MOTOR OIL,ALL SAE GRADES,SAE 20 ND

MSDS Date:08/09/1994

FSC:9150

NIIN:01-079-8310

MSDS Number: CCLWP

=== Responsible Party ===

Company Name:WITCO CHEMICAL CORP,KENDALL REFINING CO. DIVISION

Address:77 N KENDALL AVENUE

City:BRADFORD

State:PA

ZIP:16701

Country:US

Info Phone Num:814-368-6111

Emergency Phone Num:814-368-6111/800-424-9300(CHEMTREC)

Preparer's Name:ROBERT KELLAM

CAGE:75273

=== Contractor Identification ===

Company Name:SALATHE OIL CO INC

Address:2226 PETERS RD

Box:City:HARVEY

State:LA

ZIP:70058

Country:US

Phone:504-366-4542

CAGE:0T5C6

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:814-368-61

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Composition/Information on Ingredients
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Ingred Name:DEOBASE (DEODORIZED KEROSENE)
CAS:8020-83-5
RTECS #:HF9500000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:ADDITIVES/ADDITIVE MIXTURES (TRADE SECRET)
Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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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:EYE, SKIN, RESPIRATORY TRACT. ACUTE- MAY CAUSE EYE AND SKIN IRRITATION. INHALATION OF VAPORS/OIL MIST MAY CAUSE IRRITATION OF NOSE AND THROAT. MAY BE HARMFUL IF INGESTED. ASPIRATION HAZARD. CHRONIC- MAY CAUSE DERMATITIS.
Explanation of Carcinogenicity:WARNING! USED MOTOR OILS WERE SHOWN TO CAUSE SKIN CANCER WHEN REPEATEDLY APPLIED TO MICE WITHOUT CLEANING SKIN
.
Effects of Overexposure:IRRITATION, NAUSEA, VOMITING, DIARRHEA, ABDOMINAL PAIN, TEARING, HEADACHE
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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First Aid Measures
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First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:REMOVE CONTAMINATED CLOTHING. WIPE OFF EXCESS. WASH SKIN WITH SOAP & WATER. EYE:FLUSH

WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN.
INHALED:REMOVE TO FRESH AIR. PROVIDE OXYGEN/CPR IF NEEDED.
ORAL:GET MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point Method:COC
Flash Point:>193.3C, 380.F
Extinguishing Media:WATER FOG, FOAM, DRY CHEMICAL/CARBON DIOXIDE. DON'T
USE DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND MAY BE
REIGNITED.
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. REMOVE SPILL WITH
INERT ABSORBENT SUCH AS SAND, CLAY, EARTH. TRANSFER TO PROPER
CONTAINERS FOR DISPOSAL. PREVENT RUN-OFF TO ENTER SEWERS OR
WATERWAYS. WASH AREA TO REMOVE TRACE RESIDUE.
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN A DRY PLACE AWAY FROM OPEN
FLAMES AND STRONG OXIDIZING AGENTS. KEEP CONTAINER CLOSED.
Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE. ALL PRECAUTIONS
SHOULD BE OBSERVED. WASH THOROUGHLY AFTER HANDLING. KEEP OUT OF
REACH OF CHILDREN. AVOID BREATHING MISTS/VAPORS. AVOID REPEATED
SKIN CONTACT. DO NOT GET IN EYES. DO NOT INGEST.

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

Respiratory Protection:NOT REQUIRED UNDER NORMAL CONDITIONS OF USE. IF
HIGH VAPOR OR MIST CONCENTRATIONS EXPECTED, USE NIOSH APPROVED
CHEMICAL CARTRIDGE RESPIRATOR FOR ORGANIC VAPORS AND MISTS. REFER
TO 29 CFR 1910.134.
Ventilation:USE ADEQUATE VENTILATION TO KEEP OIL MISTS OF THIS MATERIAL
BELOW APPLICABLE STANDARD(S).
Protective Gloves:NITRILE IF FREQUENT CONTACT EXPECTED
Eye Protection:SAFETY GOGGLES IF SPLASHING ANTICIPATED
Other Protective Equipment:EYE WASH STATION

N AND SAFETY SHOWER.

INDUSTRIAL-TYPE 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 Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A = B, SAME NSN.

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

HCC:V6

Boiling Pt:>329.4C, 625.F

Melt/Freeze Pt:=100SUS@100F

Evaporation Rate & Reference:NOT RELEVAN

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Solubility in Water:0 AT 20C/68F

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

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS SUCH AS HYDROGEN PEROXIDE, BROMINE AND CHROMIC ACID

Stability Condition to Avoid:EXTREME HEAT, OPEN FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF PHOSPHORUS, OXIDES OF SULFUR

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=== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL STATE AND FEDERAL REGULATIONS. PRODUCT IS AN OIL. SPILLS TO US SURFACE WATERS OR WATERCOURSE OR SEWER THAT CAUSE A VISIBLE SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER. RCRA PHONE: 800-424-9346.

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