

FISKE BROTHERS REFINING CO. -- LUBRICATE HYDRAULIC OILS-HO-0,HO-1,HO-2 --
9150-01-169-2789

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

Product ID:LUBRICATE HYDRAULIC OILS-HO-0,HO-1,HO-2

MSDS Date:05/01/1987

FSC:9150

NIIN:01-169-2789

MSDS Number: BJMJK

=== Responsible Party ===

Company Name:FISKE BROTHERS REFINING CO.

Address:129 LOCKWOOD STREET

City:NEWARK

State:NJ

ZIP:07105

Country:US

Info Phone Num:201-

589-9150

Emergency Phone Num:201-589-9150

Preparer's Name:ROBERT J. SIBILIA

CAGE:9N579

=== Contractor Identification ===

Company Name:FISKE BROTHERS REFINING CO

Address:1500 OAKDALE AVE

Box:City:TOLEDO

State:OH

ZIP:43605

Country:US

Phone:419-691-2491

CAGE:9N579

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

Ingred Name:MINERAL OIL (EXPOSURE REGULATED AS 'OIL MIST')

CAS:8012-95-1

RTECS #:PY8030000

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3/10 STEL;9

Ingred Name:ADDITIVES

CAS:24937-78-8

Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-EYES:IRRITATION.SKIN:MAY CAUSE
IRRITATION.INHALATION:VAPOR/MIST MAY CAUSE IRRITATION.INGESTION:LOW
ORDER OF TOXICITY.CHRONIC:NONE SPECIFIED BY MANUFACTURER.
Explanation of Carcinogenicity:NONE OF THE
COMPOUNDS IN THIS PRODUCT IS
LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.
Effects of Overexposure:EYES/SKIN/INHALATION:MAY CAUSE
IRRITATION.INGESTION:LOW TOXICITY.MINUTE AMOUNTS ASPIRATED INTO THE
LUNGS DURING INGESTION MAY CAUSE MILD TO SEVERE PULMONARY INJURY.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

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.GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:COC
Flash Point:415F,213C
Lower Limits:0.9
Upper Limits:7.0
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.
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:FIRE OR EXCESSIVE HEAT MAY CAUSE
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:RECOVER LIQUID, WASH REMAINDER WITH SUITABLE
PETROLEUM SOLVENT OR

ADD ABSORBENT. KEEP PETROLEUM PRODUCTS OUT OF SEWERS AND WATER COURSES. ADVISE AUTHORITIES IF PRODUCT HAS ENTERED OR MAY ENTER SEWERS AND WATER COURSES.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL & VENTILATED AREA AWAY FROM HEAT,FLAMES & STRONG OXIDANTS.KEEP CONTAINERS TIGHTLY CLOSED.PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT BREATHE MIST.AVOID PROLONGED OR REPEATED BREATHING OF VAPOR.AVOID CONTACT WITH EYES/SKIN.USE WITH ADEQUATE VENTILATION.WASH THOROUGHLY AFTER HANDLING.EMPTY CONTAINERS RETAIN RESIDUE.DON'T CUT,D RILL,GRIND OR WELD,AS THEY MAY EXPLODE.

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

Respiratory Protection:NORMALLY NOT NEEDED.

Ventilation:USE LOCAL EXHAUST TO CAPTURE FUMES AND VAPORS.

Protective Gloves:OIL-RESISTANT

Eye Protection:SAFETY GOGGLES

Other Protective Equipme

nt:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.USE OIL-RESISTANT APRON.

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

Supplemental Safety and Health

PRODUCT NAME IS:LUBRICATE HYDRAULIC

OILS-HO-0,HO-1,HO-2,HO-2A,HO-3,HO-4,HO-5

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

HCC:V6

Boiling Pt:B.P. Text:>550F,>288C

Vapor

Pres:5

Spec Gravity:0.8708 - 0.8894

Evaporation Rate & Reference: