

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:201-5

89-9150

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;91

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 CONT AMINATED 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, FO  
AM, 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 A

DD 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,DRILL,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 Equipment

t: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 Pressure:5

res:5

Spec Gravity:0.8708 - 0.8894

Evaporation Rate & Reference: