

HOLLINGSHEAD CHEMICALS INC (OUT OF BUSINESS) -- PENETRATING OIL -- 9150-00-261-7899

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Product Identification
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Product ID: PENETRATING OIL

MSDS Date: 07/19/1993

FSC: 9150

NIIN: 00-261-7899

MSDS Number: BRGTV

=== Responsible Party ===

Company Name: HOLLINGSHEAD CHEMICALS INC (OUT OF BUSINESS)

Address: XXXX

City: TULSA

State: OK

Country: US

Preparer's Name: DOD HMIS/DGSC-SSH

CAGE: 7E720

=== Contract

or Identification ===

Company Name: HOLLINGSHEAD CHEMICALS INC

Address: (OUT OF BUSINESS)

Box: City: TULSA

State: OK

Country: US

CAGE: 7E720

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Composition/Information on Ingredients
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Ingred Name: LIGHT MINERAL OIL

Other REC Limits: NONE SPECIFIED

OSHA PEL: 5 MG/M3 OIL MIST

ACGIH TLV: 5 MG/M3 OIL MIST9293

Ingred Name: UNIDENTIFIED COMPONENTS

Other REC Limits: NONE SPECIFIED

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Hazards Identification
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LD50 LC50 Mixture: ORAL LD50 (RAT) IS

UNKNOWN.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: IRRITATION OF EYES, SKIN,
RESPIRATORY OR G.I. TRACTS; CNS EFFECTS. CHRONIC: DEFATTING OR
DERMATITIS.

Effects of Overexposure:MAY CAUSE HEADACHE, DIZZINESS, NAUSEA, VOMITING
OR GI TRACT DISTURBANCES POSSIBLE. BURNS OR REDNESS OF EYES/
CRACKING OR DRYNESS OF SKIN.

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 =====

First Aid:INHALATION: MOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.
GET MEDICAL ATTENTION. EYES: 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 ATTENTION. INGESTION: DO NOT INDUCE VOMITING.
GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL
ATTENTION.

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

Flash Point Method:PMCC

Flash Point:>110F,>43C

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

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL
FIRE EXPOSED CONTAINERS
WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:FLOWING PETROLEUM PRODUCTS CAN BE IGNITED
BY STATIC ELECTRICITY.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION; 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 CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

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:USE NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED

IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation: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 AND SAFETY SHOWER, 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

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ENERGIC MSDS CREATED FOR THIS NSN BASED ON FEDERAL SPECIFICATIONS VV-P-216. MANUFACTURER IS "OUT OF BUSINESS" AND NO MSDS COULD BE OBTAINED FOR THIS ITEM.

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

HCC:F4

Melt/Freeze Pt:M.P/F.P Text:-22F,-30C

Spec Gravity: