

HOC INDUSTRIES, INC. -- PENETRATING OIL -- 9150-00-261-7899

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

Product ID: PENETRATING OIL

MSDS Date: 08/27/1999

FSC: 9150

NIIN: 00-261-7899

Status Code: A

MSDS Number: CKZXB

=== Responsible Party ===

Company Name: HOC INDUSTRIES, INC.

Address: 3511 N. OHIO

Box: 2609

City: WICHITA

State: KS

ZIP: 67201-2609

Country: US

Info Phone Num: 316-838-4663

Emergency Phone Num: 800-633-8253 (PERS)

CAGE: 0A9L8

=== Contractor Identification ===

Company Name

: HOC INDUSTRIES, INC

Address: 3511 N. OHIO

Box: 2609

City: WICHITA

State: KS

ZIP: 67219

Country: US

Phone: 316-838-4663

Contract Num: SP0450-01-M-LB23

CAGE: 0A9L8

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

Ingred Name: NAPHTHENIC OIL

CAS: 64742-46-7

RTECS #: JN9379645

= Wt: 100.

OSHA PEL: 5 PPM

ACGIH TLV: 5 PPM

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

Routes of Entry: Inhalation: NO Skin: YES Ingestion: NO

Health Hazards Acute and Chronic: ACUTE: EYES-IRRI

TATING, BUT WILL NOT

PERMENENTLY INJURE EYE TISSUE. SKIN-PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE SKIN IRRITATION. RESPIRATORY SYSTEM-WILL NOT PRODUCE VAPOR UNLESS HEATED TO TEMPER ATURES AROUND 300F (149C). INGESTION-SMALL AMOUNTS (E.G. TABLESPOONFUL) SWALLOWED ARE NOT LIKELY TO CAUSE INJURY. CHRONIC: REPEATED SKIN CONTACT MAY CAUSE A PERSISTENT IRRITATION OR DERMATITIS.

Effects of Overexposure:INGESTION: LARGER AMOUNTS MAY CAUSE NAUSEA AND VOMITING. DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN IMMEDIATELY.

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

First Aid:EYES-FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. GETEDICAL ATTENTION IF EYE IRRITATION PERSISTS. SKIN-REMOVE CONTAMINATED CLOTHING & SHOES. WASH EXPOSED AREA WITH SOAP & WATER. IF IRRITATION DEVELOPS, SEEK MEDICAL ATTENTION. INGESTION-IF MORE THAN SEVERAL MOUTHFULS HAVE BEEN SWALLOWED, GIVE TWO GLASSES (16 OZ) OF WATER. GET MEDICAL ATTENTION
. INHALATION-REMOVE PERSON TO FRESH AIR. IF NOT BREATHING, GIVE MOUTH-TO-MOUTH ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION IF BREATHING BEOMES DIFFICULT OR SYMPTOMS PERSISTS.

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

Flash Point Method:TCC

Flash Point:=113.C, 235.4F

Extinguishing Media:USE NFPA CLASS B EXTINGUISHERS (CO2 OR FOAM) FOR CLASS I B LIQUID FIRES.

Fire Fighting Procedures:EVACUATE AREA OF ALL UNNECESSARY PERSONNEL. SHUT OFF SOURCE, IF POSSIBLE. WATER FOG OR SPRAY SHOULD BE USED TO KEEP FIRE-EXPOSED CONTAINERS & EQUIPMENT COOL.

Unusual Fire/Explosion Hazard:DO NOT SPRAY WATER DIRECTLY ON FIRE. PRODUCT WILL FLOAT AND COULD REIGNITED ON SURFACE WATER.

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

Spill Release Procedures:(TRANSPORTATION SPILLS CALL PERS AT 1-800-633-8253) ELIMINATE ALL IGNITION SOURCES INCLUDING INTERNAL COMBUSTION/POWER TOOLS. VENTILATE AREA. AVOID BREATHING VAPOR. USE

SUPPLIED AIR MASK FOR LARGE SPI LLS OR IN CONFINED AREAS. CONTAIN
SPILL. REMOVE WITH INERT ABSORBENT. AVOID CONTACT WITH EYES. AVOID
ALLOWING PRODUCT FROM ENTERING STREAMS/SEWERS. REPORTABLE QUANTITY:
NO (AS DEFINED N 49 CFR 171.8).

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

Other Precautions:REMARKS: WASTE CLASSIFICATION OF PRODUCT: NONE.

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

Respiratory Protection:IF VAPOR, MIST OR DUSTS
IS GENERATED IN EXCESS
OF PERMISSIBLE CONCENTRATIONS USE RESPIRATOR APPROVED BY NIOSH OR
MSHA.

Ventilation:LOCAL EXHAUST VENTILATION RECOMMENDED.

Protective Gloves:GLOVES RESISTANT TO CHEMICAL & PETROLEUM DISTILLATES
RECOMMENDED.

Eye Protection:CHEMICAL TYPE GOGGLES RECOMMENDED. DO NOT WEAR CONTACT
LENSES.

Other Protective Equipment:PROTECTIVE CLOTHING SUCH AS UNIFORMS SHOULD
BE WORN.

Work Hygienic Practices:FOLLOW SAFE WORK PRACTICES. WASH HANDS PRIOR TO
EATING OR SMOKI

NG.
Supplemental Safety and Health
THIS PENETRATING OIL CAN BE SENT THROUGH THE U.S. MAIL.

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

HCC:V6
Boiling Pt:=268.3C, 515.F
Vapor Pres:1.2 @ 100F
Vapor Density:>1, AIR=1
Spec Gravity:0.882 @60F
Viscosity:4.25 CST @104F
Solubility in Water:NEGLIGIBLE.
Appearance and Odor:CLEAR LIGHT AMBER LIQUID, MILD HYDROCARBON ODOR.
Percent Volatiles by Volume:100

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

Stabili

ty Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
IRRITATING ALDEHYDES AND KETONES MAY BE FORMED ON BURNING.

Conditions to Avoid Polymerization:DOES NOT OCCUR.

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

Waste Disposal Methods:INCINERATE OR PLACE IN RCRA PERMITTED WASTE
MANAGEMENT FACILITY OBSERVING LOCAL, STATE AND FEDERAL REGULATIONS.

===== MSDS Transport Information =====

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Transport Information:TRANSPORT, HANDLE, AND STORE IN ACCORDANCE WITH
29 CFR (1910.106) AND APPLICABLE DOT REGULATIONS. DOT PROPER
SHIPPING NAME: NONE. DOT HAZARD CLASS (IF APPLICABLE): NONE. LABELS
NEEDED: NONE. PACKING GROUP: NONE. DOT SPECIFICATION CONTAINER:
NONE. DOT EXEMPTION NUMBER: NOT APPLICABLE. LIMITED QUANTITY: NOT
APPLICABLE.

===== Regulatory Information =====

Federal Regulatory Information:THIS PRODUCT IS LISTED
ON THE EPA/TSCA
INVENTORY OF CHEMICAL SUBSTANCES.

State Regulatory Information:

===== Other Information =====

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