

IMPERIAL OIL CO.,INC. -- 2110 TH, MIL-H-17672 -- 9150-00-582-5480

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

Product ID:2110 TH, MIL-H-17672

MSDS Date:09/30/1993

FSC:9150

NIIN:00-582-5480

MSDS Number: BWNKS

=== Responsible Party ===

Company Name:IMPERIAL OIL CO.,INC.

Address:ORCHARD PLACE

Box:279

City:MORGANVILLE

State:NJ

ZIP:07751

Country:US

Info Phone Num:201-591-9400 FAX -8825

Emergency Phone Num:908

-591-9400

Preparer's Name:PAUL LEWICKI

CAGE:58563

=== Contractor Identification ===

Company Name:IMPERIAL OIL CO INC

Address:FOOT OF ORCHARD PL

Box:279

City:MORGANVILLE

State:NJ

ZIP:07751

Country:US

Phone:732-591-9400/FAX: 732-591-8825

CAGE:58563

Company Name:NAUGHTON ENERGY CORP

Address:RT 940

Box:709

City:POCONO PINES

State:PA

ZIP:18350-0709

Country:US

Phone:570-646-0422

CAGE:1DL10

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

Ingred Name:REFINED HEAVY PARAFFINIC DISTI

LLATES

CAS:64741-88-4

Fraction by Wt: 95-99%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:PROPRIETARY ADDITIVES

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

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

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

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

Health Hazards Acute and Chronic:WHILE THIS PRODUCT MAY IRRITATE THE SKIN FROM PROLONGED

SKIN CONTACT THERE IS NO MEDICAL OR

TOXICOLOGICAL EVIDENCE THAT IT IS AN IRRITANT, A CORROSIVE OR A CARCINOGEN. IT HAS A LOW ORDER OF ORAL AND D ERMAL TOXICITY.

INHALATION OF PRODUCT MIST MAY CAUSE PULMONARY PROBLEMS WHICH COULD CAUSE PULMONARY INJURY.

Explanation of Carcinogenicity:MFR LISTED NO INFORMATION ABOUT THE CARCINOGENICITY OF THIS MATERIAL. HMIS DOES NOT EXPECT IT TO BE CARCINOGENIC.

Effects of Overexposure:FROM HUMAN EXPERIENCE AND THE AVILABLE TECHNICAL D

ATA CONCERNING THIS PRODUCT AND DUE TO ITS LOW ORDER OF DERMAL, ORAL AND INGESTIVE TOXICITY, SIGNS AND SYMPTOMS OF OVEREXPOSURE ARE UNKNOWN.

Medical Cond Aggravated by Exposure:DIRECT CONTACT W/THE EYES MAY CAUSE EYE IRRITATION. PROLONGED SKIN CONTACT MAY CAUSE SKIN IRRITATION.

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

First Aid:INGESTION:DO NOT INDUCE VOMITING, CALL A PHYSICAIN IMMEDIATELY. EYE:PURGE WITH COPIOUS AMOUNTS OF WATER. SKIN:CLEANSE WI

TH WATERLESS SOAP FOLLOWED BY THOROUGHLY WASHING WITH SOAP AND WATER.

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

Flash Point Method:COC

Flash Point:220F,104C

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

Fire Fighting Procedures:WEAR MESA/NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS (SCHEDULE 13). USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:NONE

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===== Accidental Release Measures

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Spill Release Procedures:DIKE & CONTAIN SPILL WITH INERT MATERIAL.
TRANSFER LIQUID AND CONTAMINATED DIKING MATERIAL INTO SEPARATE
CONTAINERS FOR RECOVERY OR DISPOSAL. AREA MAY BE SLIPPERY - CARE
SHOULD BE TAKEN TO AVOID FALL - PREVENT MATERIAL FROM GETTING INTO
SEWERS.

Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

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

Handling and Storage Precautions:LOW TEMPERATURE STORAGE INCREASES THE
VISCOSITY OF THESE OILS. THESE OILS WILL STOP POURING AT -18 TO
-30C.

Other Precautions:USE PRODUCT WITH CAUTION AROUND OPEN FLAMES, HEAT,
SPARKS, PILOT LIGHTS AND STATIC ELECTICITY.

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

Respiratory Protection:USE SUPPLIED-AIR RESPIRATORY PROTECTION IN
CONFINED OR ENCLOSED SPACES IF NEEDED.

Protective Gloves:IMPERVIOUS

Eye Protection:SPLASH GOGGLES

Other Protective Equipment:EYEWASH FACILITY

Work Hygienic Practice

s:MINIMIZE BREATHING VAPOR, MIST OR FUMES. REMOVE
CONTAMINATED CLOTHING AND LAUNDRY OR DRY CLEAN BEFORE RE-USE.

Supplemental Safety and Health

OILS SOAKED SHOES SHOULD BE DISCARDED. 'EMPTY' CONTAINERS MAY CONTAIN
RESIDUE OR VAPOR. TREAT THEM WITH THE RESPECT DUE FULL ONES. DO NOT
CUT,WELD,ETC. ON THEM. DRAIN EMPTY DRUMS COMPLETELY, BUNG THEM AND
PROMPTLY RETURN THEM TO A RECONDITIONER. DISPOSE OF EMPTY DRUMS IN
AN ENVIRONMENTALLY SAFE MANNER.

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

HCC:V6

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:600F,316C

Vapor Pres:1 MM

Spec Gravity:0.876

Evaporation Rate & Reference: