

DAVIS HOWLAND OIL CORP. -- VV-L-825B TYPE 2 -- 9150-00-292-9657

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

Product ID:VV-L-825B TYPE 2

MSDS Date:10/01/1991

FSC:9150

NIIN:00-292-9657

MSDS Number: BJZNX

=== Responsible Party ===

Company Name:DAVIS HOWLAND OIL CORP.

Address:200 ANDERSON AVE.

City:ROCHESTER

State:NY

ZIP:14607

Country:US

Info Phone Num:716-473-6650

Emergency Phone Num:716-473-6650

Preparer's

Name:G. J. LEPINSKE

CAGE:5A565

=== Contractor Identification ===

Company Name:DAVIS HOWLAND OIL CORP.

Address:200 ANDERSON AVE.

City:ROCHESTER

State:NY

ZIP:14607

Country:US

Phone:716-473-6650

CAGE:5A565

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

Ingred Name:HYDROTREATED HEAVY NAPHTHENIC DISTILLATE, PETROLEUM

CAS:64742-52-5

RTECS #:PY8035000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED LIGHT  
NAPH

THENIC  
CAS:64742-53-6  
RTECS #:PY8036000  
Fraction by Wt: SEE #1%  
Other REC Limits:NONE SPECIFIED  
ACGIH TLV:5 MG/M3 (OIL MIST)

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS ESTIMATED AT >5 G/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES/SKIN: IRRITATION. AVOID BREATHING  
OF MIST. PROLONGED OVEREXPOSURE MAY RESULT IN DERMATITIS AN  
D  
RESPIRATORY DIFFICULTIES. ANIMAL STUDIES ALSO SHOW AN EFFECT ON  
THE KIDNEYS FOR EXPOSURE TO MATERIALS SIMILAR TO THIS. AT HIGH  
TEMPERATURES, ASPIRATION INTO THE LUNGS IS A HAZARD.  
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS  
LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.  
Effects of Overexposure:IRRITATION OF EYES AND SKIN UPON CONTACT.  
IRRITATION OF THE RESPIRATORY TRACT, HEADACHES, DIZZINESS,  
ANESTHETIC EFFECT AND OTHER CENTRAL NERVOUS SYS  
TEM EFFECTS  
INCLUDING DEATH IN RARE CASES. INGESTION MAY CAUSE CRAMPS AND  
DIARRHEA.  
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF EYE, SKIN  
AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES.  
GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. INHALATION:  
REMOVE TO FRESH AIR. IF BREATHING IS IRREGULAR O  
R HAS STOPPED,  
START RESUSCITATION AND ADMINISTER OXYGEN. GET MEDICAL HELP  
IMMEDIATELY. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL  
ATTENTION AT ONCE. IN CASE OF SUBCUTANEOUS OR INTRAMUSCULAR  
INJECTION, SEEK HELP AT ONCE.

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

Flash Point:340 F MIN  
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL. WATER AND FOAM MAY CAUSE FROTHING.  
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTEC

TIVE EQUIPMENT AND A

FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT, ELIMINATE SOURCES OF IGNITION, AND VENTILATE AREA AS REQUIRED. RECOVER FREE LIQUID. ABSORB SMALL SPILL WITH INERT MATERIAL. PLACE WASTE IN DOT APPROVED CONTAINER FOR DISPOSAL. KEEP MATERIAL FROM WATERWAYS.

Neutralizing Agent:N  
ONE

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM SOURCES OF IGNITION. KEEP CONTAINER CLOSED WHEN NOT IN USE. PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:AVOID BREATHING OF MIST. MINIMIZE PERIODS OF EXPOSURE TO HIGH TEMPERATURE. AVOID WATER CONTAMINATION.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION

EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS USUALLY ADEQUATE.

Protective Gloves:RUBBER GLOVES OR OTHER OIL RESISTANT.

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE BATH. INDUSTRIAL TYPE WORK CLOTHING AND APRON AS REQUIRED TO AVOID PROLONGED OR REPEATED

CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

USE AIR-SUPPLIED RESPIRATORY EQUIPMENT IF EXPOSED TO HOT FUMES. TREAT EMPTY CONTAINERS AS DANGEROUS; DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, PILOT LIGHTS, STATIC ELECTRICITY. RESIDUE MAY BE DIFFICULT TO REMOVE.

===== Physical/Ch

emical Properties =====

HCC:V6

Boiling Pt:B.P. Text:700F,371C

Vapor Pres: