

VAN WATERS AND ROGERS INC -- PETROLEUM ETHER -- 6810-00-584-3079

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Product Identification
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Product ID:PETROLEUM ETHER

MSDS Date:04/01/1993

FSC:6810

NIIN:00-584-3079

MSDS Number: BSSJF

=== Responsible Party ===

Company Name:VAN WATERS AND ROGERS INC

Address:6100 CARILLON PT

City:KIRKLAND

State:WA

ZIP:98033

Country:US

Info Phone Num:909-683-5165

Emergency Phone Num:909-683-5165//800-424-93

00(CHEMTRE)

Preparer's Name:C. A. EISENHARD

CAGE:0STM5

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:VOPAK USA INC

Address:6100 CARILLON POINT

Box:City:KIRKLAND

State:WA

ZIP:98033-7357

Country:US

Phone:425-889-3400/425-889-3617

CAGE:0STM5

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Composition/Information on Ingredients
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Ingred Name:N-HEPTANE

CAS:142-

82-5
RTECS #:MI7700000
Fraction by Wt: 99%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:500 PPM
ACGIH TLV:400 PPM/500STEL;9394

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE & CHRONIC- INHALATION OF VAPORS
& MISTS IRRITATE RESPIRATORY TRACT. MAY CAUSE HEADACHE, COMA,
DEATH. I
NGESTION OF LIQUID MAY RESULT IN VOMITING. MAY DAMAGE IF
ENTERS THE LUNGS. MAY CAUSE EYE IRRITATION. NO IRRITATION IS
LIKELY AFTER BRIEF SKIN CONTACT. TARGET ORGAN:RESPIRATORY &
GASTROINTESTINAL TRACTS, EYE, SKIN
Explanation of Carcinogenicity:NONE
Effects of Overexposure:HEADACHE, DIZZINESS, NAUSEA, VOMITING,
HEMORRHAGING OF MUCOUS MEMBRANES, DIARRHEA, LUNG DAMAGE, PULMONARY
EDEMA, IRRITATION OF EYES, SKIN AND RESPIRATORY TRACT, DRY SKIN
Medical Cond Aggravated by Exposure:
NONE REPORTED

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:REMOVE
CONTAMINATED CLOTHING. WASH SKIN WITH SOAP & WATER. EYE:FLUSH WITH
WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. INHALED:REMOVE TO FRESH
AIR. PROVIDE OXYGEN/CPR IF NEEDED. ORAL:DO NOT INDUCE VOMITING. IF
VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT
ASPIRATION OF LIQUID INTO LUNGS. GET MEDICAL ATTENTION IMMEDIATE
LY.

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

Flash Point Method:CC
Flash Point:-50F,-46C
Lower Limits:1.1
Upper Limits:5.9
Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, ALCOHOL FOAM. DON'T
USE WATER. PRODUCT WILL FLOAT ON WATER AND MAY REIGNITE ON THE
SURFACE
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL
FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.
Unusual Fire/Explosio

n Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL
CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.
CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES
OF IGNITION. VENTILATE AREA. CONTAIN SPILL. PICK UP SPILL WITH
NON-FLAMMABLE ABSORBENT MATERIAL SUCH AS SAND. PLACE IN CONTAINER
FOR DISPOSAL. PREVENT LIQUID FROM ENTERING S
EWERS, WATERWAYS OR
LOW AREAS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED
AREA AWAY FROM SPARKS, FLAMES, SOURCES OF IGNITION & OXIDIZERS. USE
ONLY NON-SPARKING TOOLS.

Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE AND CAN BE
DANGEROUS. DO NOT CUT, WELD, SOLDER, DRILL OR EXPOSE SUCH
CONTAINERS TO FLAME, SPARKS. THEY MAY EXPLODE AND CAUSE
INJU

RY/DEATH. KEEP OUT OF REACH OF CHILDREN. GROUND ALL ELECTRICAL
EQUIPMENTS.

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

Respiratory Protection:WEAR NIOSH APPROVED RESPIRATOR WITH ORGANIC
FILTER IF VENTILATION IS INADEQUATE OR A SUPPLIED AIR RESPIRATOR
OPERATED IN THE PRESSURE DEMAND MODE.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF)
VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:RUBBER IF SKIN CONTACT POSSIBLE.

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:WEAR PROTECTIVE CLOTHING IN CASE OF REPEATED
OR PROLONGED CONTACT. PROVIDE EYE WASH & SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. REMOVE &
LAUNDRY CONTAMINATED CLOTHING.

Supplemental Safety and Health

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:97F - 138F

Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN

Decomp Temp:Decomp Text:N

OT KNOWN

Vapor Pres:NOT KNOWN

Vapor Density:2.6

Spec Gravity:0.64

Solubility in Water:INSOLUBLE

Appearance and Odor:WATER WHITE LIQUID - GASOLINE ODOR

Percent Volatiles by Volume:99

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT, SPARKS, FLAME, STATIC ELECTRICITY,
HOT SURFACES

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE

===== Dis
posal Considerations =====

Waste Disposal Methods:ALL RECOVERED MATERIAL SHOULD BE PACKAGED,
LABELED, TRANSPORTED AND DISPOSED OR RECLAIMED IN ACCORDANCE WITH
ALL LOCAL, STATE AND FEDERAL REGULATIONS.

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