

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

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

Product ID:PETROLEUM ETHER

MSDS Date:04/01/1994

FSC:6810

NIIN:00-584-3079

MSDS Number: BTRKC

=== 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:909-683-5165/800-424-930

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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

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

Ingred Name:NAPHTHA, LIGHT ALIPHATIC (PE

TROLEUM) (THIS MATERIAL
CONTAINS UP TO 5 VOL.% BENZENE AND 20 VOL.% N-HEXANE)

CAS:64742-89-8

Fraction by Wt: 99%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, 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:EYES: MAY CAUSE IRRITATION (MODERATE).

SKIN: NO IRRITATION LIKELY AFTER BRIEF CONTACT

T. MAY BE IRRITATING

AFTER PROLONGED CONTACT. INHALATION: VAPORS AND MISTS IRRITATE THE NOSE AND THROAT. INGESTION: LIQUID MAY RESULT IN VOMITING. DO NOT ALLOW VOMITUS TO BE BREATHED INTO THE LUNGS.

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:EYE: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. SKIN: WASH SKIN WITH SOAP AND WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS SEEK MEDICAL HELP. INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION. INGESTION: PREVENT ASPIRATION. DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:CC

Flash Point:=-45.6C, -50.F

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:USE WATER SPRAY TO COOL NEARBY CONTAINERS AND STRUCTURES EXPOSED TO FIRE. EXTINGUISH ALL NEARBY SOURCES OF IGNITION.

Unusual Fire/Explosion 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 LIQ UID FROM ENTERING SEWERS, WATERWAYS OR LOW AREAS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== 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 INJURY/DEATH. KEEP OUT OF REACH OF CHILDR EN. GROUND ALL ELECTRICAL EQUIPMENTS.

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

Respiratory Protection:BASED UPON CONTAMINATION LEVELS IN THE WORK PLACE. OTHERWISE, NOT REQUIRED.

Ventilation:GENERAL ROOM VENTILATION.

Protective Gloves:RUBBER

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 & LAUNDER CONTAMINATED CLOTHING.

Supplemental Safety and Health
NONE

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

HCC:F2

Boiling Pt:=36.C, 96.1F

Vapor Density:2.6

Spec Gravity:0.64

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WATER WHITE LIQUID - WHITE GASOLINE ODOR

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS

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

CES
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:CONSULT APPROPRIATE REGULATORY AGENCIES TO
ASCERTAIN PROPER DISPOSAL PROCEDURES.

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