

VAN WATERS AND ROGERS INC/SUB OF UNIVAR -- DRY CLEANING SOLVENT -- 6850-00-110-4498

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Product Identification
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Product ID: DRY CLEANING SOLVENT

MSDS Date: 01/01/1992

FSC: 6850

NIIN: 00-110-4498

MSDS Number: BSYJG

=== Responsible Party ===

Company Name: VAN WATERS AND ROGERS INC/SUB OF UNIVAR

Address: 6100 CARILLON PT

City: KIRKLAND

State: WA

ZIP: 98033

Country: US

Info Phone Num: 206-889-3712

Emerg

ency Phone Num: 714-683-5165/800-424-9300(CHEMTREC)

Preparer's Name: C.A. EISENHARD

CAGE: 0STM5

=== Contractor Identification ===

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: NAPHTHA, MEDIUM ALIPHATIC

CAS: 64742-88-7

Fraction by Wt: 100% %

Other REC Limits: TLV 100 PPM PER MFR

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Hazards Identif

ication =====

LD50 LC50 Mixture:ORAL RAT LD50 IS UNKNOWN; TLV 100 PPM

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

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

Health Hazards Acute and Chronic:LIQUID IS PRACTICALLY NON-IRRITATING TO EYES. LIQUID SLIGHTLY IRRITATING TO THE SKIN. REPEATED USE MAY RESULT IN DRYNESS OF THE SKIN AND DERMATITIS. INHALATION MAY RESULT IN IRRITATION OF THE NOSE, TH ROAT AND RESPIRATORY TRACT. HIGH CONCENTRATIONS MAY

RESULT IN CNS DEPRESSION. INGESTION: ASPIRATION HAZARD.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:MAY CAUSE EYE, SKIN & RESPIRATORY TRACT IRRITATION. MAY ALSO CAUSE HEADACHE, DIZZINESS AND NAUSEA. ASPIRATION PNEUMONITIS MAY CAUSE COUGHING, LABORED BREATHING, IN SEVERE CASES, DEATH.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTIN G DISEASES

INVOLVING THE SKIN, EYE OR RESPIRATORY SYSTEM MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ADVICE. INHALATIO N: REMOVE TO FRESH AIR. GIVE MOUTH-TO-MOUTH RESUSCITATION IF NOT BREATHING. GET MEDICAL ATTENTION . INGESTION: DO NOT INDUCE VOMITING. RINSE MOUTH & DRINK LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:141-145F

Lower Limits:1 %

Upper Limits:7 %

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. DO NOT USE A DIRECT STREAM OF WATER.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. CO

OL FIRE EXPOSED

CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:PRODUCT WILL FLOAT AND CAN BE IGNITED ON SURFACE OF WATER. COMBUSTIBLE.

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. WEAR APPROPRIATE RESPIRATOR AND OTHER PROTECTIVE CLOTHING. DIKE AHEAD AND CONTAIN. REMOVE WITH VACUUM TRUCKS OR PUMP. SOAK UP RESIDUE WITH ABSORBENT SUCH AS CLAY, SAND OR OTHER SUITABLE MAYTERIAL. PLAC

E IN CONTAINERS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP LIQUID AND VAPOR AWAY FROM HEAT, SPARKS, AND FLAME. SURFACES THAT ARE SUFFICIENTLY HOT MAY IGNITE EVEN LIQUID PRODUCT IN ABSENCE OF SPARKS.

Other Precautions:EXTINGUISH PILOT LIGHTS, CIGARETTES AND TURN OFF OTHER SOURCES OF IGNITION PRIOR TO USE AND UNTIL ALL VAPORS ARE GONE. VAPORS MAY ACCUMULATE AND TRAVE L TO IGNITION SOURCES DISTANT FROM HANDLING SITE. BOND AND GROUND TRANSFER EQUIPMENT.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR SELECTION.

Ventilation:EXPLOSION-PROOF LOCAL AND MECHANICAL(GENERAL) EXHAUST TO PROVIDE ADEQUATE VENTILATION.

Protective

Gloves:CHEMICAL RESISTANT GLOVES EG NITRILE

Eye Protection:SAFETY GLASSES - CHEMICAL SPLASH GOGGLES

Other Protective Equipment:WEAR INDUSTRIAL WORK CLOTHING. USE RUBBER APRON OR BOOTS IF NEEDED. HAVE EMERGENCY EYE WASH AND SAFETY SHOWER AVAILABLE.

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

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EY

ES. DO

NOT BREATHE VAPORS OR MIST. DO NOT INGEST. READ PRECAUTIONS ON LABEL BEFORE USE.

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

HCC:F4

Boiling Pt:B.P. Text:361-441F

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

Vapor Pres:5 @ 100F

Vapor Density:5.3

Spec Gravity:0.78-0.806

Evaporation Rate & Reference:0.03 (BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LIGHT COLORED LIQUID, HYDROCARBON ODOR

===== Stability and Reactivity Data

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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FOMED DURING COMBUSTION.

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

Waste Disposal Methods:DISPOSAL OF WASTE AND HAZARDOUS MATERIAL SHALL COMPLY WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL PROTECTION

AGENCY REGULATIONS. SEND WASTE MATERIAL TO AN APPROVED RECYCLING FACILITY IF FEASIBLE. CITY , STATE AND FEDERAL REGULATIONS MUST BE FOLLOWED.

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