

VAN WATERS AND ROGERS INC -- BLEND CC-38736 -- 6850-00-611-7993

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Product Identification
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Product ID:BLEND CC-38736
MSDS Date:02/03/1994
FSC:6850
NIIN:00-611-7993
Status Code:A
MSDS Number: CJDHB
=== Responsible Party ===
Company Name:VAN WATERS AND ROGERS INC
Address:6100 CARILLON PT
City:KIRKLAND
State:WA
ZIP:98033
Country:US
Info Phone Num:206-889-3712
Emergency Phone Num:425-889-3400

Chemtrec Ind/Phone:(800)424-9300
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
Contract Num:SP0450-99-M-C351
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 Nam

e:PETROLEUM HYDROCARBONS/NAPHTHA, LIGHT AROMATIC (SOLVENT
NAPHTHA); INCLUDES LAST 4 INGREDIENTS

CAS:64742-95-6

RTECS #:WF3400000

= Wt:50.69

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

Code:F

ACGIH TLV:5 MG/M3 (OIL MIST)

Code:F

Ingred Name:ETHYL ACETATE (CERCLA); 99%

CAS:141-78-6

RTECS #:AH5425000

= Wt:21.15

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM; 9596

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK)
(SARA 313) (CERCLA)

CAS:78-93-3

RTECS #:EL6475000

= Wt:18.9

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM

OSHA STEL:300 PPM

ACGIH TLV:200 PPM/300STEL;9596

ACGIH STEL:300 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA 313)

CAS:67-63-0

RTECS #:NT8050000

= Wt:9.26

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

OSHA STEL:500 PPM

ACGIH TLV:400 PPM/500STEL;9596

ACGIH STEL:500 PPM

Ingred Name:1,2,4-TRIMETHYLBENZENE (SARA 313); SEE ING # 1

CAS:95-63-6

RTECS

#:DC3325000
Fraction by Wt: 32;SEE # 1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:25 PPM
ACGIH TLV:25 PPM; 9596

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA 313) (CERCLA); SEE ING # 1
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 3; SEE # 1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
OSHA STEL:150 PPM
ACGIH TLV:100 PPM/150STEL;9596
ACGIH STEL:150 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:CUMENE (SARA 313) (CERCLA); SEE ING # 1
CAS:98-82-8
RTECS #:GR8575000
Fraction
by Wt: 1.5;SEE#1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 50 PPM; 9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL BENZENE (SARA 313); SEE ING # 1
CAS:100-41-4
RTECS #:DA0700000
Fraction by Wt: 1; SEE # 1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
OSHA STEL:125 PPM
ACGIH TLV:100 PPM/125STEL;9596
ACGIH STEL:125 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Routes of Entry: In

halation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:TARGET ORGANS: EYES, SKIN, CENTRAL NERVOUS SYSTEM, LUNG. ACUTE- MAY CAUSE TEMPORARY SUPERFICIAL INJURY OF THE CORNEA. FREQUENT OR PROLONGED CONTACT WITH SKIN MAY CAUSE IRRITATION AND DERMATITIS. LOW ORDER OF TOXICITY. MAY BE ABSORBED THROUGH SKIN. MODERATELY TOXIC BY INGESTION. MAY CAUSE IRRITATION OF THE MOUTH, THROAT AND ESOPHAGUS. ASPIRATION HAZARD.

SMALL

AMOUNTS ASPIRATED INTO THE LUNGS DURING INGESTION OR VOMITING MAY CAUSE MILD TO SEVERE PULMONARY INJURY, POSSIBLY DEATH. INHALATION OF HIGH VAPOR/AEROSOL CONCENTRATIONS MAY CAUSE CNS EFFECTS, UNCONSCIOUSNESS EVEN DEATH. CHRONIC- NONE NOTED.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of Overexposure:IRRITATION, HEADACHE, DIZZINESS, NAUSEA, VOMITING, DROWSINESS, CHEST PAIN, CO

UGHING, UNCONSCIOUSNESS, DEATH,

EYE REDNESS, TEARNING, BLURRED VISION, SKIN CRACKING, DERMATITIS

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN AND RESPIRATORY AILMENTS(ASTHMA OR FIBROTIC PULMONARY DISEASE)MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. IF BREATHING IS D

IFFICULT, OXYGEN MAY BE GIVEN BY QUALIFIED PERSONNEL.

EYE CONTACT: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS OPEN. SEEK MEDICAL ATTENTION. SKIN: WASH WITH SOAP & WATER FOR 15-30 MINUTES. REMOVE CONTAMINATED CLOTHING. LAUNDER BEFORE REUSING. INGESTION: IMMEDIATELY CALL POISON CONTROL CENTER OR PHYSICIAN. DO NOT INDUCE VOMITING. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point Method:CALC

Flash Point:=11.7C, 53.F

Autoignition Temp:=471.1C, 880.F

Lower Limits:1.7

Upper Limits:10.9

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

Fire Fighting Procedures:USE NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. DO NOT SPRAY WATER DIRECTLY INTO CONTAINERS. FIRE CONTROL WATER MAY CAUSE ENVIRONM

ENTAL DAMAGE. DIKE AND COLLECT WATER USED TO FIGHT FIRE.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR, CAN TRAVEL DISTANCES ALONG THE GROUND, AND FLASHBACK AT THE SOURCE. LIQUID MAY FLOAT ON THE WATER AND REIGNITE. DECOMPOSITION PRODUCTS MAY BE TOXIC. MAY FORM METHYL VINYL KETONE. EXPOSURE TO LOW CONCENTRATIONS OF METHYL VINYL KETONE MAY BE FATAL.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. USE PROPER

RESPIRATORY AND PROTECTIVE EQUIPMENT. VENTILATE AREA. ABSORB SPILL WITH A NON-COMBUSTIBLE, INERT ABSORBANT SUCH AS DRY SAND. PLACE IN PROPER CONTAINER FOR DISPOSAL. WASH SPILL AREA TO REMOVE RESIDUAL CONTAMINATION.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP AWAY FROM HEAT,

SPARKS, FLAMES, STATIC ELECTRICITY AND INCOMPATIBLE MATERIALS.

GROUND AND BOND CONTAINERS WHEN TRANSFERRING MATERIAL TO PREVENT STATIC DISCHARGE. USE SPARK-PROOF TOOLS.

Other Precautions:FLAMMABLE. EMPTY CONTAINERS RETAIN PRODUCT RESIDUES (VAPORS, LIQUID, AND/OR SOLID) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER OR DRILL. KEEP OUT OF REACH OF CHILDREN. AVOID BREATHING VAPORS. DO NOT GET IN EYE, ON SKIN OR ON CLOTHING. AVOID INGESTION.

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= Exposure Controls/Personal Protection =====

Respiratory Protection:IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS BELOW PERMISSIBLE EXPOSURE LIMITS OR TLVS ARE UNKNOWN, A NIOSH-APPROVED RESPIRATOR MUST BE WORN. A PROGRAM SHOULD BE INSTITUTED TO ASSURE COMPLIANCE WITH OSHA STANDARD 29 CFR 1910.134.

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

Protective Gloves:IMPERVIOUS GLO

VES IF SKIN CONTACT IS LIKELY

Eye Protection:CHEMICAL SPLASH GOGGLES (CONTACT LENSES NOT RECOMMENDED)

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING.

Supplemental Safety and Health

NOTE TO PHYSICIAN: IN CASE OF INGESTION, GASTRIC LAVAGE CAN BE USED. THE USE OF AN INTRA

TRACHEAL TUBE PREVENTS ASPIRATION. INGESTION OF LARGE QUANTITIES OF ETHYL ACETATE REQUIRES GASTRIC LAVAGE WITH 4 % SODIUM BICARBONATE. THERE IS NO SPECIFIC ANTIDOTE. SUPPORTIVE CARE. TREATMENT BASED ON JUDGEMENT OF THE PHYSICIAN.

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

HCC:F2

Boiling Pt:=112.8C, 235.F

Melt/Freeze Pt:=-66.1C, -87.F

Decomp Temp:=180.C, 356.F

Vapor Pres:32 @ 68F

Vapor Density:3.2

Spec Gravity:0.78

Evaporation Rate & Reference:3 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:TRANSPARENT, COLORLESS LIQUID. UNDETERMINED ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG MINERAL ACIDS, STRONG ALKALIES, HALOGENS AND HALOGEN COMPOUNDS, ALDEHYDES

Stability Condition to Avoid:HIGH HEAT, SOURCES OF IGNITION.

Hazardous Decomposition Products:MAY FORM CARBON MONOXIDE, CARBON DIOXIDE, METHYL VINYL KETONE.

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===== Toxicological Information =====

Toxicological Information:UPON REQUEST FROM MANUFACTURER, PER MSDS.

===== Ecological Information =====

Ecological:NO DATA AVAILABLE

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

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS.

===== Regulatory Information =====

SARA Title II

I Information:CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT: MEK, 1,2,4-TRIMETHYL BENZENE, XYLENE, CUMENE, ET HYL BENZENE

Federal Regulatory Information:COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY.

State Regulatory Information:CA: MAY CONTAIN TRACE LEVELS OF ACETALDEHYDE.

Disclaimer (provided with this information by the compiling agencies):

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