

VAN WATERS AND ROGERS INC DIV OF UNIVAR CORP -- CLEANING COMPOUND SOLVENT --
6850-00-611-7993

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

Product ID:CLEANING COMPOUND SOLVENT

MSDS Date:01/01/1991

FSC:6850

NIIN:00-611-7993

MSDS Number: BMSXD

=== Responsible Party ===

Company Name:VAN WATERS AND ROGERS INC DIV OF UNIVAR CORP

Address:4515 WISCONSIN AVE

Box:2767

City:SPOKANE

State:WA

ZIP:99220

Country:US

Info

Phone Num:509-534-0405

Emergency Phone Num:509-534-0405

Preparer's Name:C. A. EISENHARD

CAGE:1EZ88

=== 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:VAN WATERS AND ROGERS INC DIV OF UNIVAR CORP

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===== Composition/Information =====

on Ingredients =====

Ingred Name:PROPRIETARY SOLVENT

Fraction by Wt: 50% %

Other REC Limits:150 STEL

OSHA PEL:100 PPM

ACGIH TLV:100 PPM

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

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 20% %

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM/300 STEL

ACGIH TLV:200 PPM/300STEL 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL ACETATE (SARA III)

CAS:141-78-6

RTECS #:AH5425000

Fraction by Wt: 20% %

Other REC Lim

its:NONE SPECIFIED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 10% %

Other REC Limits:NONE SPECIFIED

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

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

LD50 LC50 Mixture:ORAL RAT LD50 IS NOT GIVEN

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

Reports of Carcinogenicity:NTP:NO IARC

:NO OSHA:NO

Health Hazards Acute and Chronic:VAPORS AND MISTS IRRITATE THE NOSE AND THROAT. HIGHER CONCENTRATIONS MAY CAUSE HEADACHES, NAUSEA, VOMITING AND COMA. HIGHER CONCENTRATIONS MAY CAUSE COMA, DEATH. IRRITATION AND BURNING OF EYES. DRYING OF SKIN, POSSIBLE DERMATITIS. INGESTIONMAY CAUSE HEADACHES, NAUSEA,, VOMITING, UNCONSCIOUSNESS;MAY CAUSE PNEUMONITIS.

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, PULMONARY EDEMA/HEMORRAHAGE, DEATH, LOS S OF APPETITE, NOSE BLEEDS, AND LIVER, KIDNEY AND NEURAL DYSFUNCTION.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE SKIN MAY BE AT INCREA SED 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 WAT ER. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:23.0F,-5.0C-76F

Lower Limits:1.0 %

Upper Limits:11.4 %

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE

MAY PRODUCE

HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS. PRODUCT WILL FLOAT ON WATER AND REIGNITE ON SURFACE OF WATER.

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

Spill Release Procedures:WIPE UP SMALL SPILLS WITH PAPER TOWEL. WEAR GLOVES, GOGGLES & RESPIRATOR. VENTILATE AREA. DO NOT BREATHE VAPOR. ELIMINATE IGNITION SOURCES. DIKE TO RETAIN RUNOFF. VACUUM OR PUMP FREE LIQUID. ABSORB RE SIDUE WITH INERT MATERIAL & PLACE IN SALVAGE DRUM.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE. KEEP CONTAINERS CLOSED WHEN MATERIAL IS NOT IN USE. KEEP AWAY FROM IGNITION SOURCES. AVOID PROLONGED OR REPEATED CONTACT.
Other Precautions:KEEP OUT OF SEWERS, STORM DRAINS, SURFACE WATERS AND SOIL.

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

Respiratory Protection:WEAR A NIOSH/MSHA APPROVED CHEMICAL CARTRIDGE RESPIRATOR WITH FULL FACE PIECE AND ORGANIC VAPOR CARTRIDGES IN COMBINATION WITH A HIGH-EFFICIENCY PARTICULATE FILTER.
Ventilation:LOCAL AND MECHANICAL(GENERAL) EXHAUST TO PROVIDE ADEQUATE VENTILATION.
Protective Gloves:NEOPRENE OR NITRILE RUBBER GLOVES
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. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MIST. DO NOT INGEST. READ PRECAUTIONS ON LABEL BEFORE USE.

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

HCC:F2
Boiling Pt:B.P. Text:IBP 171
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Vapor Pres:68.6 CALC
Vapor Density:2.84 CALC
Spec Gravity:.842 CALC

Evaporation Rate & Reference:1 (BUTYL ACETATE = 1)
Solubility in Water:MODERATE
Appearance and Odor:CLEAR LIQUID, FRUITY HYDROCARBON ODOR

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

Stability Indicator/Materials to Avoid:YES
ACIDS, ALKALIS, STRONG OXIDIZING OR REDUCING AGENTS
Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES
OF IGNITION
Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE AND
UNIDENTIFIED ORGANIC COMPOUNDS
IN BLACK SMOKE

===== 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
BEFOLLOWED.

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