

VAN WATERS AND ROGERS INC -- ACETONE TECH 0-A-51H -- 6810-00-194-9477

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Product Identification
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Product ID:ACETONE TECH 0-A-51H

MSDS Date:02/01/1994

FSC:6810

NIIN:00-194-9477

MSDS Number: BTMXY

=== Responsible Party ===

Company Name:VAN WATERS AND ROGERS INC

Address:6100 CARILLON PT

City:KIRKLAND

State:WA

ZIP:98033

Country:US

Info Phone Num:714-683-5165

Emergency Phone Num:800-424-9300 C

HEMTREC

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:ACETONE (SARA III)

CAS:

67-64-1
RTECS #:AL3150000
Fraction by Wt: 100%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1000PPM
ACGIH TLV:750PPM/1000STEL;9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:BENZENE (SARA III)
CAS:71-43-2
RTECS #:CY1400000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:SEE 1910.1028
ACGIH TLV:10 PPM; A2; 9394
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

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

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

Reports of Carci

nogenicity:NTP:NO IARC:NO OSHA:YES

Health Hazards Acute and Chronic:INGESTION-SLIGHTLY TOXIC. CAUSES
NAUSEA, VOMITING, HEADACHE, DIZZINESS AND UNCONSCIOUSNESS. SKIN-NO
EVIDENCE OF ADVERSE EFFECTS FROM AVAILABLE DATA. REPEATED CONTACT
TOUCH WILL CAUSE DEFATTING & DRYIN G OF SKIN. INHALATION-VAPORS ARE
IRRITATING AND MAY CAUSE A STINGING AND ITCHING SENSATION IN THE
EYES, THROAT, TEARING.

Explanation of Carcinogenicity:CONTAINS B [71-43-2] WHICH IS
LISTED BY NTP AND IARC
AND REGULATED BY OSHA AS A CARCINOGEN.

Effects of Overexposure:PRODUCTION, NAUSEA AND POSSIBLY VOMITING. HIGH
VAPOR CONCENTRATIONS MAY RESULT IN HEADACHE, DIZZINESS,
INCOORDINATION AND EVENTUALLY UNCONSCIOUSNESS. EYES-SEVERE
IRRITATION, MARKED EXCESS REDNESS AND SWELLING OF THE CONJUNCTIVA,
AND IMMEDIATE PAIN. INJURY TO THE CORNEA MAY OCCUR IF THE EYE IS
NOT FLUSHED WITH WATER.

Medical Cond Aggravated by Exposure:EXISTING DERMATITIS.

===== First Aid Meas

ures =====

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN. EYE: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: WASH WITH WATER. INGESTION: GIVE LARGE AMOUNTS OF WATER TO DRINK ONLY IF CONSCIOUS AND INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

===== Fire Fighting Measures =====
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Flash Point Method:TCC
Flash Point:0F,-18C
Autoignition Temp:Autoignition Temp Text:NONE
Lower Limits:2.15
Upper Limits:13.0
Extinguishing Media:APPLY ALCOHOL-TYPE OR ALL PURPOSE TYPE FOAM BY MANUFACTURER'S RECOMMENDED TECHNIQUES FOR LARGE FIRES.
Fire Fighting Procedures:USE CARBON DIOXIDE OR DRY CHEMICAL MEDIA FOR SMALL FIRES. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS & STRUCTURES. THIS MATERIAL MAY PRODUCE FLOATING FIRE.
Unusual Fire/Explosion Hazard:USE REMOTE SPRAY MONITORS OR FIGHT FIRE FROM BEHIND SHIELDS. USE WATER SPRAY TO DISPERSE VAPORS; REIGNITION POSSIBLE. USE SELF-CONTAINED BREATHING APPARATUS.

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

Spill Release Procedures:EXXTINGUISH AND DO NOT TURN ON ANY IGNITION SOURCE UNTIL AREA IS DETERMINED TO BE FREE FROM EXPLOSION OR FIRE HAZARD. WEAR PROTECTIVE EQUIPMENT. COLLECT LARGE SPILLS FOR DISPOSAL. FLUSH SMALL SPILLS WITH WATER

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

Handling and Storage Precautions:THIS PRODUCT IS FLAMMABLE. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES. USE WITH ADEQUATE VENTILATION.
Other Precautions:VAPORS FROM THIS PRODUCT MAY TRAVEL OR BE MOVED BY AIR CURRENTS, AND IGNITED BY PILOT LIGHTS, OTHER FLAMES, SPARKS, OPEN FLAMES. STATIC DISCHARGES OR OTHER IGNITION SOURCES AT LOCATIONS DISTANT FROM THE HANDLING POINT.

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

Respirator

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS IN HIGH VAPOR CONCENTRATIONS.

Ventilation:LOCAL IS NEEDED AT POINTS WHERE VAPORS ARE EXPECTED TO ESCAPE TO THE WORKPLACE AIR. MECHANICAL ROOM VENTILATION.

Protective Gloves:BUTYL GLOVES.

Eye Protection:MONOGOGGLES.

Other Protective Equipment:IMPERVIOUS CLOTHING.

Work Hygienic Practices:EYE WASH FOUNTAIN, QUICK DRENCH SHOWER.

Supplemental Safety and Health
NONE.

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

HCC:F2

B

Boiling Pt:B.P. Text:133F,56C

Vapor Pres:184 MM HG

Vapor Density:2 (AIR=1)

Spec Gravity:0.79 (WATER=1)

Evaporation Rate & Reference:14.4 (N-BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR LIQUID; SHARP, PENETRATING , NON-RESIDUAL
ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS SUCH AS NITRIC ACID AND ALKALIS.

Stability Condition to Avoid:NONE.

Hazardous Decomposition Products:

BURNING CAN PRODUCE CARBON MONOXIDE
AND CARBON DIOXIDE IS HIGHLY TOXIC IF INHALED.

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

Waste Disposal Methods:INCINERATE IN A FURNANACE WHERE PERMITTED UNDER
APPROPAITE FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

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