

VAN WATERS AND ROGERS INC -- DIETHYLENETRIAMINE -- 6810-00-995-4804

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Product Identification  
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Product ID:DIETHYLENETRIAMINE

MSDS Date:04/01/1994

FSC:6810

NIIN:00-995-4804

MSDS Number: BGCHB

=== Responsible Party ===

Company Name:VAN WATERS AND ROGERS INC

Address:1600 NORTON

Box:5932

City:SEATTLE

State:WA

ZIP:98104

Country:US

Info Phone Num:408-435-8700

Emergency Phone Num:800-424-9300(CH

EMTREC)

Preparer's Name:C.A. EISENHARD

CAGE:0AN91

=== 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:SANCHEZ & ASSOCIATES

Address:476 WEST FOGG STREET

Box:1649

City:COLTON (MAY BE OUT OF BUSINESS !)

State:CA

ZIP:92324

Country:US

Phone:714-370-3921/FAX824-0341 ALL WRONG#

CAGE:0HF19

Company Name:VAN WATERS AND ROGERS

Address:2256 JUNCTION AVE

C

ity:SAN JOSE  
State:CA  
ZIP:95131  
Country:US  
Phone:408-435-8700/800-424-9300(CHEMTREC)  
CAGE:0AN91

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Composition/Information on Ingredients  
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Ingred Name:DIETHYLENE TRIAMINE  
CAS:111-40-0  
RTECS #:IE1225000  
Fraction by Wt: 98.5%  
OSHA PEL:1 PPM  
ACGIH TLV:S, 1 PPM; 9192

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Hazards Identification  
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LD50 LC50 Mixture:1050MG/KG (ORAL LD50-RAT) 1090(DERMAL)  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenic  
ity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:VAPOR/MIST CORR TO EYE/NOSE/THROAT/MUC  
MEM.BRONCHITIS,PULM EDEMA,CHEM PNEUITIS MAY OCCUR.IRRIT,DIFFI IN  
BREATH W/BREIEF EXPOSURE.PROLONG EXPOUSRE RESULTS IN SEVERE IRRIT &  
TISSUE DAMAGE & PERM EYE INJ URY/BLINDNESS.BRIEF CONTACT MAY CAUSE  
SKIN BURNS.HARMFUL IF ABSORP THRU SKIN.INGEST MATL WILL BURN TISSUE  
& COLLAPSE.

Explanation of Carcinogenicity:THIS MATERIAL IS NOT CONSIDERED TO BE A  
CARCINOGEN BY NTP, IARC  
, OR OSHA.

Effects of Overexposure:CORR TO NOSE/THROAT/MUC MEM/EYE. SKIN  
BURNS/BLINDNESS, BRONCHITIS, PULM EDEMA, CHEM PNEUITIS. COUGHING,  
CHEST PAINS,DIFFICULTY IN BREATHING. SEVERE IRRIT & TISSUE DAMAGE.  
PERM EYE INJURY. SKIN BURNS, SIGNIFICANT SKIN SENSITIZATIN & SKIN  
RASH. INGEST RESULTS IN SEVERE ABDONIMAL PAIN, NAUSEA, VOMITING, &  
COLLAPSE.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN OR RESPIRATORY  
DISORDERS MAY BE AGGRAVATED.

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First Aid Measures =====

First Aid:INHAL:REMOVE TO FRESH AIR. GIVE ARTI RESP IF NEEDED. GET MED ATTN. EYE:FLUSH W/LG AMTS OF WATER FOR 30MINS. COVER BURNS W/STERILE DRESSING. GET IMMED MED ATTN. INGEST:DO NOT INDUCE VOMITING. GIVE LOTS OF WATER OR MILK TO DILUTE. GET IMMED MED ATTN.

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

Flash Point Method:PMCC

Flash Point:208F,98C

Autoignition Temp:Autoignition Temp Text:750F

Lower Limits:2

Upper

Limits:6.7

Extinguishing Media:USE WATER SPRAY, DRY CHEMICAL, ALCOHOL FOAM, OR CARBON DIOXIDE. DO NOT USE DIRECT WATER STREAM.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. USE WATER SPRAY TO COOL NEARBY CONTAINERS AND STRUCTURES.

Unusual Fire/Explosion Hazard:EXTINGUISH ALL NEARBY SOURCES OF IGNITION SINCE VAPORS DECOMPOSE TO HAZARDOUS PRODUCTS AT HIGH TEMPERATURES.

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

Spill Release Procedures:MOP/WIPE UP.PLACE INTO DOT CNTNER.LG

SPILL:DIKE AHEAD W/SOIL OR OTHER NONCOMBUST SORBENT MATRL & THEN PUMP INTO DOT CNTNR.KEEP OUT OF SEWERS,STORM DRAINS,SURFACE WATERS,SOIL @ CONCEN >150PPM.MATL TOXIC TO BIO MARINE IN TREATMENT SYS & FISH.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL-VENTILATED

PLACE AWAY FROM INCOMPATIBLE MATERIALS. VENT CONTAINER FREQUENTLY & MORE OFTEN IN WARM WEATHER. KEEP TIGHTLY CLOSED

Other Precautions:DO NOT USE PRESSURE TO EMPTY CONTAINER. WASH THOROUGHLY AFTER HANDLING. EMPTY CONTAINERS CAN HAVE RESIDUES, GASES AND MISTS AND ARE SUBJECT TO PROPER WASTE DISPOSAL AS ABOVE.

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

Respiratory Protection:BASED UPON CONTAMINATION LEVELS IN WORK PLACE. FOR EXAMPLE:AIR-PURIFYING CARTRIDGE

DGE RESP EQUIPPED FOR ORGANIC MISTS  
AND VAPORS.

Ventilation:LOCAL MECHANICAL EXHAUST VENTILATION CAPABLE OF MAINTAINING  
EMISSIONS AT THE POINT OF USE BELOW THE TLV.

Protective Gloves:BUTYL RUBBER

Eye Protection:CHEMICAL GOGGLES, FACE SHIELD

Other Protective Equipment:IMPERVIOUS CLOTHING. QUICK DRENCH SHOWER,  
EYE WASH FOUNTAIN.

Work Hygienic Practices:WASH HANDS AFTER HANDLING. LAUNDER CONTAMINATED  
CLOTHING. DISPOSE OF CONTAMINATED LEATHER SHOES.

Supplemental Safety and Health

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

HCC:B2

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:404F,207C

Vapor Pres: