

VAN WATERS & ROGERS, INC. -- CURING AGENT (DTA) -- 8030-00-152-0015

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

Product ID:CURING AGENT (DTA)

MSDS Date:01/30/1990

FSC:8030

NIIN:00-152-0015

Kit Part:Y

MSDS Number: BHMFR

=== Responsible Party ===

Company Name:VAN WATERS & ROGERS, INC.

Address:1575 MARLBOROUGH AVE.

Box:RIVERS

City:IDE

State:CA

ZIP:92507

Country:US

Info Phone Num:714-864-2310

Emergency Phone

Num:800-424-9300

Preparer's Name:C.A. EISENHARD

CAGE:DO735

=== 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 & ROGERS SUBSIDIARY OF UNIVAR

Address:6100 CARILLON POINT

City:KIRKLAND

State:WA

ZIP:98033

Country:US

Phone:425-889-3400

CAGE:DO735

Company Name:VAN WATERS AND ROGERS

Address:2256 JUNCTION AVE

City:SAN JOSE

State:CA

ZIP:9513

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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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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:MATERIAL MAY CAUSE SIGNIFICANT
SENSITIZATION OR ALLERGIC RESPONSE.

Effect
s of Overexposure:MATERIAL MAY CAUSE SIGNIFICANT SENSITIZATION OR
ALLERGIC RESPONSE

Medical Cond Aggravated by Exposure:MATERIAL MAY CAUSE SIGNIFICANT
SENSITIZATION OR ALLERGIC RESPONSE

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First Aid Measures
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First Aid:EYE:IMMED FLUSH W/LOTS OF RUNNING WTR FOR 30 MINS. LIFTING
EYELIDS OCCA GET MED ATTN; SKIN:IMMED FLUSH W/LOTS OF RUNNING WTR
FOR 30 MINS COVER THE AFFCT AREA W/STERL DRESS/CLN SHEET & TRANSP
FOR MED C ARE EXCPT
IN MOST MINOR/LOCALIZED BURNSINHAL:REMOVE TO
FRESH AIR,GIVE CPR IF NECESS GET IMMED MED ATTN;INGST:DONOT INDUCE
VOMITING GIVE LOTS OF WTR/MLK IF CONSC GET IMMEDIATE MEDICAL
ATTENTION

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Fire Fighting Measures
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Flash Point:208F/98C
Lower Limits:2
Upper Limits:6.7
Extinguishing Media:WATER SPRAY, DRY CHEMICAL, ALCOHOL FOAM, C02. DO
NOT USE A DIRECT WATER STREAM.
Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY
TRAVEL

TO OTHER IGNITION SOURCES.

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

Spill Release Procedures: REMOVE ALL IGN SOURCES. MOPE/WIPE UP & DISPOSE OF IN DOT APPRVD WASTE CONTNRS. CONTAIN BY DIKING WITH SOIL/OTHER NON COMBUST ASORBNT MATL & PLACE IN APPROVED WASTE CONTAINER. KEEP OUR OF SEWERS, STROM DRA INS, SURFACE WATERS, & SOIL.

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

Handling and Storage Precautions: STORE IN COOL DRY WELL VENTL AREA A WAY

FORM INCOMPTABLE MATL, VENT CONTNR FREQUENTLY. KEEP CONTNR TIGHTLY CLSD W/NOT IN USE. DONOT USE PRESS TO EMPTY CON

Other Precautions: EMPTY CONTAINERS CAN HAVE RESIDUES, GASES/MISTS & ARE SUBJECT TO PROPER WASTE DISPOSAL. CONTNRS THAT HAVE BEEN EMPTIED WILL RETAIN PRODUCT RESIDUE/VAPORS ALWAYS OBEY WARNINGS & HANDLE EMPTY CONTNRS AS IF THEY WERE FULL.

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

Respiratory Protection: WEAR NIOSH APPROVED RESP APPROPRIATE FOR THOSE

MISSION LVLS. APPROPRIATE RESPIRATORS MAY BE FULL FACEPIECE AIR PURIFYING CARTRIDGE RESPIRATOR EQUIP FOR ORGANIC VAPORS/MIST, A SCBA IN THE PRESS DEMAND MODE OR A SUPPLIED AIR RESPIRATOR

Ventilation: VENT CONTAINERS FRQUENTLY AND MORE OFTEN IN WARM WEATHER TO RELIEVE PRESSURE.

Protective Gloves: BUTYL RUBBER GLOVES

Eye Protection: ALWAYS WEAR EYE PROTECTION

Other Protective Equipment: LONG SLEEVED SHIRT, TROUSERS, & BUTYL RUBBER BOOTS & APRON EYEWASH/SAFETY SHOWER SHOULD BE NEARBY & READY FOR USE

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

WASH CLOTHING BEFORE REUSE, AND DESTROY CONTAMINATED LEATHER ARTICLES. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING.

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

Boiling Pt: B.P. Text: 404F

Melt/Freeze Pt: M.P/F.P Text: NA

Decomp Temp: Decomp Text: NA

Vapor Pres: 0.1

Vapor Density: 3.6

Spec Gravity: 0.95

pH: NA

Evaporation Rate & Reference: NIL

Solu

bility in Water:100

Appearance and Odor:COLORLESS TO LIGHT YELLOW LIQUID; MILD AMMONICAL
ODOR

Percent Volatiles by Volume:NA

Corrosion Rate:NA

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

Stability Indicator/Materials to Avoid:YES

ACIDS,OXIDIZING MATL,ALDEHYDES,KETONES,ORGANIC HALIDES,COPPRAND ITS
ALLOYS, AND NITROMETHANE

Stability Condition to Avoid:EXPOSURES TO TEMPERATURES OF OVER 300C

Hazardous Decomposition Products:MAY LIBERATE CARBON MONOXIDE/DIOXIDE,

AMMONIA, AND OXIDES OFNITROGEN

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

Waste Disposal Methods:DISPOSE OF CONTAM PROD/MATL USED IN CLEANING UP
SPILLS/LEAKS IN MANNER APPRVD FOR THIS MATL.CONSULT APPROP
FEDERAL,STATE, & LOCAL REGULATORY AGENCIES TO ASCERTAIN PROPER
DISPOSAL PROCEDURES.

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