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VARICHEC CORP DBA CLAYTON CHEMICAL CO. -- 414-16A LITHMATIC DEVELOPER &
REPLENISHER PART A -- 6750-01-385-4429

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

Product ID:414-16A LITHMATIC DEVELOPER & REPLENISHER PART A

MSDS Date:09/27/1991

FSC:6750

NIIN:01-385-4429

MSDS Number: CCMCT

=== Responsible Party ===

Company Name:VARICHEC CORP DBA CLAYTON CHEMICAL CO.

Address:13310 S. FIGUEROA STREET

City:LOS ANGELE

S

State:CA

ZIP:90061

Country:US

Info Phone Num:310-538-9530

Emergency Phone Num:310-538-9530/800-424-9300(CHEMTREC)

CAGE:KO056

=== Contractor Identification ===

Company Name:CLAYTON CHEMICAL CO.

Address:13310 S. FIGUEROA STREET

Box:City:LOS ANGELES

State:CA

ZIP:90061

Country:US

Phone:310-538-9530/800-424-9300(CHEMTREC)

CAGE:61803

Company Name:VARICHEC CORP DBA CLAYTON CHEMICAL CO.

Address:13310 S. FIGUEROA STREET

Box:276-Z

City:LOS ANGELES

State:CA

ZIP:90061

Country:US

Phone:310-538-9530

CAGE:K

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Composition/Information on Ingredients
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Ingred Name:SODIUM FORMALDEHYDE BISULFITE

CAS:870-72-4

RTECS #:PB2200000

Fraction by Wt: 20-25%

Other REC Limits:NONE RECOMMENDED

Ingred Name:TRIETHYLENE GLYCOL

CAS:112-27-6

RTECS #:YE4550000

Fraction by Wt: 10-15%

Other REC Limits:NONE RECOMMENDED

Ingred Name:HYDROQUINONE (SARA 302/313) (CERCLA)

CAS:123-31-9

RTECS #:MX3500000

Fraction by Wt: 5-8%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3; 95

96

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

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Hazards Identification
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:EYE:MAY CAUSE IRRIT. SKIN:MAY CAUSE IRRIT,MAY CAUSE ALLERGIC SKIN REACTION. IHAL:NORMALLY NO PROBLEM BUT INHAL OF MIST COULD CAUSE RESP IRRIT.INGEST:MAY CAUSE IRRIT OF MUCOUS MEMBRANES OR

DIGESTIVE TR ACT. HYDROQUINONE:REP CONTACT CAN CAUSESKIN SENS/ALLERGIC DERM.CHRONIC CAN CAUSE ANEMIA/DISCOLORATION,CORNEAL OPACITY.

Explanation of Carcinogenicity:PER MSDS:CARCINOGENICITY LISTING:NTP/IARC/OSHA:NO.

Effects of Overexposure:EYE IRRIT, SKIN IRRIT, ALLERGIC SKIN REACTION. RESP IRRIT, MUCOUS MEMBRANE/DIGESTIVE TRACT IRRIT. SKIN SENS/ALLERGIC DERM. ANEMIA, DISCOLORATION, CORNEAL OPACITY.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE:IMMED FLUSH W/PLENTY OF RUNNING WATER FOR @LEAST 15MINS.OBTAIN MED ATTN. SKIN:FLUSH AFFECTED AREAS PROMPTLY W/WATER FRO 15MINS.REMOVE CONTAMIN CLOTH.INCASE OF CONT IRRIT CONSULT PHYSICIAN. INHAL:F OR OEVEREXPO REMOVE TO FRESH AIR. INGEST:INDUCE VOMIT.OBTAIN IMMED MED ATTN.

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

Flash Point:NOT FLAMMABLE
Autoignition Temp:Autoignition Temp Text:NP
Lower Limits:NONE
Upper Limits:NONE
Extinguishing Media:ANY EXTINGUISHING MEDIA APPLICABLE TO SURROUNDING AREA.
Fire Fighting Procedures:EVACUATE PERSONNEL TO SAFE AREA.KEEP PERSONNEL REMOVED & UPWIND OF FIRE.WEAR SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:WHEN HEATED TO DECOMPO EMISION OF TOXIC FUMES OF SO2 IS POSSIBLE.

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

Spill Release Procedures:USE APPROPRIATE PPE DURING CLEANUP.DIK
E.PREVENT FROM ENTERING SEWERS/WATERWAYS/LOW AREAS.SOAK UP W/SAND,OIL DRY,OTHER ABSORBENT MATLS.SPILL MAY BE NEUTRALIZED WITH POWDERED CITRIC ACID.
Neutralizing Agent:POWDERED CITRIC ACID.

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

Handling and Storage Precautions:STORE IN WELL VENTI AREA.KEEP CNTNR TIGHTLY CLSD.DO NOT STORE W/INCOMPATIBLE MATLS.DO NOT STORE/CONSUME FOOD/DRINK/TOBACCO IN AREA WHERE MAY BE CONTAN
Other Precautions:SARA TITLE III REPORTING REQMTS CHEM: HYDROQUINONE.

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

Respiratory Protection:SUFFICIENT ROOM VENTILATION.
Ventilation:SUFFICIENT ROOM VENTILATION.
Protective Gloves:GLOVES.
Eye Protection:SPLASH PROT, EYGLASSES W/SIDE SHIELDS.
Other Protective Equipment:APRONS.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health

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

HCC:N1
Boiling Pt:B.P. Text:>212F,

>100C
Melt/Freeze Pt:M.P/F.P Text:NA
Decomp Temp:Decomp Text:NP
Vapor Pres:WATER
Vapor Density:WATER
Spec Gravity:1.243
pH:7.20
Viscosity:NP
Evaporation Rate & Reference:SAME AS WATER
Solubility in Water:100%, COMPLETE.
Appearance and Odor:CLEAR AND COLORLESS TO PALE VIOLET, NO ODOR.
Percent Volatiles by Volume:WATER
Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS, OXIDIZERS.
Stability Condition t
o Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:SULFUR DIOXIDE, CO2.

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

Waste Disposal Methods:RECOVER NONUSABLE FREE LIQ/CONTAMIN WATER.DISPO
IN APPROVED/PERMITTED TREATMENT SYS.REMOVE NONUSABLE SOLID
MATL/CONTAMIN SOIL FOR DISPO APPROVED/PERMITTED LANDFILL.DISCHARGE
TO SEWER REQUIRES APPORVAL OF PERMITTING AUTHORITY/MAY REQUIRE
PRETREATMENT.

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