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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  
CAUSES KIN 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  
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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.

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Fire Fighting Measures  
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Flash Point:NOT FLAMMABLE  
Autoignition Temp:Autoignition Temp Tex  
t: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.

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Accidental Release Measures  
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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.

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Handling and Storage  
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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 REPORTIN  
G REQMTS CHEM: HYDROQUINONE.

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Exposure Controls/Personal Protection  
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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

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Physical/Chemical Properties  
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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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