

CLAYTON CHEMICAL CO. -- 2431 AUTOMATIC INDUST X-RAY DVLP/REPLENISHER, PART C --  
6750-00-165-7133

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

Product ID:2431 AUTOMATIC INDUST X-RAY DVLP/REPLENISHER, PART C

MSDS Date:03/26/1997

FSC:6750

NIIN:00-165-7133

Kit Part:Y

MSDS Number: CCHQV

=== Responsible Party ===

Company Name:CLAYTON CHEMICAL CO.

Address:13310 S. FIGUEROA ST

City:LOS ANGELES

State:CA

ZIP:90061

C

Country:US

Info Phone Num:310-538-9530

Emergency Phone Num:708-640-4800/800-424-9300(CHEMTREC)

Preparer's Name:NONE

CAGE:6W820

=== 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:CLAYTON CHEMICAL CO., A DIV OF VARICHEM CORP

Address:RR 1

Box:276-Z

City:HEATHSVILLE

State:VA

ZIP:22473

Country:US

Phone:703-759-9399

CAGE:6W820

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=== Composition/Information on Ingredients =====

Ingred Name:GLUTARALDEHYDE  
CAS:111-30-8  
RTECS #:MA2450000  
Fraction by Wt: 15-20%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:C 0.2 PPM  
ACGIH TLV:C 0.2 PPM; 9596

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:NOTE:PERTAINS TO  
FINISHED  
PRODUCT.ACUTE:EYE:MAY CAUSE IRRIT.SKIN:MAY CAUSE IRRIT &/OR  
ALLERGIC SKIN RX.INHAL:NORMALLY NO PROBELM BUT INHAL OF MIST COULD  
CAUSE RESPIRATORY IRRIT.INGEST:MAY CAUSE IRRIT OF MUC MEMB OR  
DIGESTIVE TRACT.CHRONIC:NOTE PERTAINS TO EA INGRED.A COMPUTERIZED  
LITERATURE SEARCH OF NAT DATABASES(SUP)  
Explanation of Carcinogenicity:PER MSDS:CARCINOGENICITY  
LISTINGS:NTP/IARC/OSHA:NO.  
Effects of Overexposure:EYE IRRIT,SKIN IRRIT &/OR ALLERGIC SKIN  
REACTION.RESPIRATOR  
Y IRRIT, MUCOUS MEMBRANE OR DIGESTIVE TRACT  
IRRIT.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:APPLIES TO FINISHED PRODUCT.EYE:IMMED FLUSH W/PLENTY OF  
RUNNING WATER FOR @LEAST 15MINS.OBTAIN MED ATTN.SKIN:FLUSH AFFECTED  
AREAS PROMPTLY W/WATER FOR 15MINS.REMOVE CONTAM CLOTH.IN CASE OF  
CONT IRRIT CONSULT PHYSICIAN.INHAL:FOR OVEREXPO REMOVE TO FRESH  
AIR.INGEST:DRINK MILK OR WA  
TER.DO NOT INDUCE VMITING.OBTAIN IMMEDIATE  
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 DEC

COMPOSITION EMISSION OF  
TOXIC FUMES IS POSSIBLE.

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

Spill Release Procedures:REVIEW MSDS BEF PROCEEDING W/CLEANUP.USE  
APPROPRIATE PPE DURING CLEANUP.DIKE SPILL.PREVENT LIQ FRM ENTERING  
SEWERS/WQTERWAYS/LOW AREAS.SOAK UP W/SAND,OIL DRY,OTHER ABSORBENT  
MATL.SPILL MAY BE NEUTRALI ZED W/POWDERED SODIUM CARBONATE.  
Neutralizing Agent:POWDERED SODIUM CARBONATE.

===== Handling and Storage =====  
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Handling and Storage Precautions:STORE IN WELL VENTILATED AREA.KEEP  
CNTNR TIGHTLY CLOSED.DONT STORE W/INCOMPATIBLE MATLS.  
Other Precautions:DONT STORE OR CONSUME FOOD,DRINK,USE TOBACCO IN AREAS  
WHERE THEY MAY BECOME CONTAM W/THIS MATL. NO SARA TITLE  
III/40CFR372 CHEMICALS.

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

Respiratory Protection:SUFFICIENT ROOM VENTILATION.  
Ventilation:ROOM VENTILATION.  
Protective Gloves:GLOVES  
Eye Protection:SPLASH PROT S  
UGGESTED-EYEGLASS W/SIDESHE  
Other Protective Equipment:APRONS  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
HEALTH:DID NOT YEILD ANY CHRONIC EFFECTS ASSOC W/THESE MATLS. PER  
CTDF:3-PART KIT,ONLY PARTC MSDS RECEIVED.HCC GIVEN IS FOR PART C  
ONLY SINCE HAVE NO MSDS FOR OTHER 2 PARTS.

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

HCC:C3  
Boiling Pt:B.P. Text:>212F,>100C  
Melt/Freeze Pt:M.P/F.P Text:NA  
Decomp Temp:Decomp Text:NP

Vapor Pres:NA  
Vapor Density:NA  
Spec Gravity:1.202  
pH:3.93  
Viscosity:NP  
Solubility in Water:100% SOLUBLE  
Appearance and Odor:CLEAR COLORLESS, FRUITY ODOR  
Percent Volatiles by Volume:NA  
Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES  
STRONG ALKALIES AND ACIDS.  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:SULFUR DIOXIDE GAS.

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

Waste Disposal Methods:RECOVER NONUSABLE FREE LIQ &/OR CONTAM H2O,DISPOSE OF IN APPROV/PERMITTED TREATMENT SYS.REMOVE NONUSABLE SOLID MATL &/OR CONTAM SOIL FOR DISPO IN APPROV/PERMITTED LANDFILL.DISCHARGE TO SEWER REQUIRES AP PROV OF PERMITTING AUTHORITY & MAY REQUIRE PRETREA

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