

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

Co

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

=====

== 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.RESPIRATORY  
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 WAT  
ER.DO NOT INDUCE VMITING.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 DECO

PROPOSITION EMISSION OF  
TOXIC FUMES IS POSSIBLE.

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

Spill Release Procedures:REVIEW MSDS BEFORE PROCEEDING W/CLEANUP.USE  
APPROPRIATE PPE DURING CLEANUP.DIKE SPILL.PREVENT LIQ FROM ENTERING  
SEWERS/WATERWAYS/LOW AREAS.SOAK UP W/SAND,OIL DRY,OTHER ABSORBENT  
MATERIAL.SPILL MAY BE NEUTRALIZED W/POWDERED SODIUM CARBONATE.  
Neutralizing Agent:POWDERED SODIUM CARBONATE.

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

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

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

Respiratory Protection:SUFFICIENT ROOM VENTILATION.  
Ventilation:ROOM VENTILATION.  
Protective Gloves:GLOVES  
Eye Protection:SPLASH PROTECTED  
SUGGESTED-EYEGLASS W/SIDESHIELD  
Other Protective Equipment:APRONS  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
HEALTH:did not yield any chronic effects associated w/these materials. PER  
CTDF:3-PART KIT,ONLY PART C 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  
V

apor 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 Consideration

s =====

Waste Disposal Methods:RECOVER NONUSABLE FREE LIQ &/OR CONTAM H2O,DISPO  
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

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of Americ  
a in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.