

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

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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.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 =====
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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

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