

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

untry: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

MPPOSITION 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 =====
=====

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 SU
GGESTED-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
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.