

CLAYTON CHEMICAL CO -- 2431 AUTOMATIC INDUSTRIAL X-RAY DEVELOPER/REPLENISHER PART B -- 6750-00-165-7133

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

Product ID:2431 AUTOMATIC INDUSTRIAL X-RAY DEVELOPER/REPLENISHER PART B

MSDS Date:06/26/1996

FSC:6750

NIIN:00-165-7133

Kit Part:Y

MSDS Number: CCHQT

=== Responsible Party ===

Company Name:CLAYTON CHEMICAL CO

Address:13310 S FIGUEROA ST

City:LOS ANGELES

State:CA

ZIP:90061

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., 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:ACETIC ACID (CERCLA)

CAS:64-19-7

RTECS #:AF1225000

Fraction by Wt: 4-9%

Other REC Limit

s:NONE RECOMMENDED  
OSHA PEL:10 PPM  
ACGIH TLV:10 PPM/15 STEL; 9495  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:1-PHENYL-3-PYRAZOLIDONE (SARA III)  
CAS:92-43-3  
RTECS #:UQ8750000  
Fraction by Wt: 3-5%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chron  
ic:ACUTE: EYES:MAY CAUSE IRRITATION.  
SKIN: MAY CAUSE SKIN IRRITATION AND/OR ALLERGIC SKIN REACTION.  
INHALATION: NORMALLY NO PROBLEM, BUT INHALATION OF MIST COULD CAUSE  
RESPIRATORY IRRITATION. INGESTION: MAY CAUSE IRRITATION OF MUCOUS  
MEMBRANES OR DIGESTIVE TRACT. CHRONIC: LITERATURE SEARCH INDICATED  
NO CHRONIC EFFECTS.  
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%  
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.  
Effects of Overexposu  
re:EYES: IRRITATION. SKIN: IRRITATION, ALLERGIC  
REACTION. INHALATION: IRRITATION OF RESPIRATORY TRACT. INGESTION:  
IRRITATION OF MUCOUS MEMBRANES AND DIGESTIVE TRACT.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL  
ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH AREA WITH  
WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.  
INHALATION:  
MOVE TO FRESH AIR. INGESTION: DRINK MILK OR WATER. INDUCEVOMITING.  
GET IMMEDIATE MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point:NOT FLAMMABLE  
Lower Limits:NONE  
Upper Limits:NONE  
Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:EVACUATE PERSONNEL TO SAFE AREA. KEEP  
PERSONNEL REMOVED AND UPWIND OF FIRE. WEAR SELF-CONTAINED BREATHING  
APPARATUS.  
Unusual Fire/Explosion Hazard:WHEN H

EATED TO DECOMPOSITION EMISSION OF  
TOXIC FUMES IS POSSIBLE.

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

Spill Release Procedures:USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT  
DURING CLEAN-UP. DIKE SPILL. PREVENT LIQUID FROM ENTERING SEWERS,  
WATERWAYS OR LOW AREAS. SOAK UP WITH SAND, OIL DRY OR OTHER  
ABSORBENT MATERIAL. SPILL MA Y BE NEUTRALIZED WITH POWDERED SODIUM  
CARBONATE.

Neutralizing Agent:POWDERED SODIUM CARBONATE.

===== Handl  
ing and Storage =====

Handling and Storage Precautions:STORE IN WELL VENTILATED AREA. KEEP  
CONTAINER TIGHTLY CLOSED. DO NOT STORE WITH INCOMPATIBLE MATERIALS.

Other Precautions:DO NOT STORE OR CONSUME FOOD, DRINK, OR TOBACCO  
PRODUCTS IN AREAS WHERE THEY MAY BECOME CONTAMINATED WITH THIS  
MATERIAL.

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

Respiratory Protection:SUFFICIENT ROOM VENTILATION.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Prote

ctive Gloves:WEAR PROTECTIVE GLOVES.

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:WEAR PROTECTIVE APRON FOR SPLASH PROTECTION.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING,  
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSING.

Supplemental Safety and Health

KEY1:N1. THIS ENTRY DESCRIBES PART B OF A 3-PART KIT. SEE THIS SAME  
NSN, P/N IND'S A, C. FOR PARTS A AND C DATA. MSDS STATES PART B IS  
NOT REGULATED FOR TRANSPORT  
ATION.

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

HCC:B3

Boiling Pt:B.P. Text:>212F,>100C

Spec Gravity:1.05

pH:6.00

Solubility in Water:COMPLETE

Appearance and Odor:PALE AMBER LIQUID. VINEGAR ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, STRONG ALKALIES.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE.

Conditions to Avoid Polyme

rization:WILL NOT OCCUR.

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

Waste Disposal Methods:RECOVER NONUSABLE FREE LIQUID AND/OR  
CONTAMINATED WTAER AND DISPOSE OF IN AN APPROVED AND PERMITTED  
TREATMENT SYSTEM. REMOVE NONUSABLE SOLID MATERIAL AND/OR  
CONTAMINATED SOIL, FOR DISPOSAL IN A PERMIT TED LANDFILL. DISCHARGE  
TO SEWER REQUIRES PERMIT.

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