

CLAYTON CHEMICAL -- XR AERIAL DEVELOPER REPLENISHER,PART C -- 6750-00-151-6035  
===== Product Identification =====

Product ID:XR AERIAL DEVELOPER REPLENISHER,PART C

MSDS Date:08/02/1991

FSC:6750

NIIN:00-151-6035

Kit Part:Y

MSDS Number: BMXFS

=== Responsible Party ===

Company Name:CLAYTON CHEMICAL

Address:13310 FIGUEROA STREET

City:LOS ANGELES

State:CA

ZIP:90061

Country:US

Info Phone Num:213-538-953

0

Emergency Phone Num:213-538-9530

CAGE:61803

=== 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

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

Ingred Name:2-METHOXYETHANOL (EGME) (SARA III)

CAS:109-86-4

RTECS #:KL5775000

Fraction by Wt: 30-35%

Other REC Limits:NONE SPECIFIED

OSHA PEL:S, 25 PPM

ACGIH TLV:S, 5 PPM; 9192

Ingred Name:CHOLINE BISULFATE  
CAS:28427-24-9  
Fraction by Wt: 25-30%  
Other REC Limits:NONE SPECIFIED

Ingred Name:HYDROQUINONE (SARA III)  
CAS:123-31-9  
RTECS #:MX3500000  
Fraction by Wt: 10-12%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3; 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute a

nd Chronic:ACUTE: EYE AND SKIN IRRITATION.

ALLERGIC SKIN REACTION. CHRONIC: REPEATED CONTACT CAN CAUSE SKIN SENSITIZATION AND ALLERGIC DERMATITIS. CHRONIC OVEREXPOSURE CAN CAUSE ANEMIA AND DISCOLORATION AND CORNEAL OPACITY OF THE EYES.

Explanation of Carcinogenicity:NONE OF THE INGREDIENTS IN THIS PRODUCT IS LISTED BY NTP, IARC OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EYES/SKIN: IRRITATION AND BURNING. INHALATION: NORMALLY NO PROBLEM, BUT INHALATION OF MIST COULD CAUSE RESPIRATORY

IRRITATION. INGESTION: MAY CAUSE IRRITATION OF MUCOUS MEMBRANES OR DIGESTIVE TRACT.

Medical Cond Aggravated by Exposure:NONE NOTED.

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

First Aid:EYES:FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.IF IRRITATION PERSISTS,SEE DOCTOR. SKIN:WASH WITH WATER WHILE REMOVING CONTAMINATED CLOTHING AND SHOES.IF IRRITATION PERSISTS,SEE DOCTOR. INHALATION:REMOVE VICTIM TO FRESH AIR. INGESTION:DO NOT I

NDUCE

VOMITING.SEE DOCTOR IMMEDIATELY.

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

Flash Point:>160F,>71C

Lower Limits:NONE

Upper Limits:NONE

Extinguishing Media:NON-FLAMMABLE. USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:EVACUATE PERSONNEL TO A SAFE AREA. KEEP PERSONNEL REMOVED AND UPWIND OF FIRE. WEAR SELF-CONTAINED BREATHING APPARATUS. AVOID HIGH TEMPERATURE.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:REMOVE PERSONNEL.ELIMINATE IGNITION SOURCES.VENTILATE AREA.WEAR PROTECTIVE CLOTHING AND EQUIPMENT.NEUTRALIZE WITH SODIUM CARBONATE.ABSORB IN INERT MATERIAL AND PLACE IN APPROPRIATE DISPOSAL CONTAINER AND COVER.

Neutralizing Agent:SODIUM CARBONATE.

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

Handling and

Storage Precautions:STORE IN WELL VENTILATED AREA. KEEP IN TIGHTLY CLOSED CONTAINERS. DO NOT STORE WITH STRONG ALKALINES.

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

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

Respiratory Protection:NONE NORMALLY REQUIRED. NIOSH/MSHA-APPROVED RESPIRATOR OR SCBA AS APPROPRIATE FOR EXPOSURE OF CONCERN.

Ventilation:MECHANICAL (GENERAL) VENTILATION.

Protective Gloves:PVC GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:EYE BATH.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

KEY1:C3. THIS IS PART C OF A 3-PART KIT. FOR PARTS A & B, SEE PNI A & F, SAME NSN.

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

HCC:C3

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

Vapor Pres:AS WATER

Vapor Density:AS WATER

ER  
Spec Gravity:1.119  
pH:4.65

Evaporation Rate & Reference:SAME AS WATER

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, AMBER LIQUID. ODOR OF AMINE WITH SLIGHTLY  
SULFUR DIOXIDE.

Percent Volatiles by Volume:AS WTR

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

Stability Indicator/Materials to Avoid:YES

STRONG ALKALINE.

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES  
OF IGNITION

Hazardous Decomposition Products:SULFUR DIOXIDE, CARBO  
N MONOXIDE,

CARBON DIOXIDE, INCOMPLETELY BURNED CARBON PRODUCTS.

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

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER. FOR  
LIQUID, DISPOSE IN PERMITTED TREATMENT SYSTEM. FOR SOLID, DISPOSE  
IN PERMITTED LANDFILL. DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL,  
STATE AND LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by el

ements of the Department

of Defense. The United States of America 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.