

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:213-538-9530

Emergency Phone Num:213-538-9530

CAGE:61803

=== Contractor Ide

ntification ===

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 and Chronic:ACUTE: EYE AND SKIN IRRITATION.  
ALLERGIC SKIN REA  
CTION. CHRONIC: REPEATED CONTACT CAN CAUSE SKIN  
SENSITIZATION AND ALLERGIC DERMATITIS. CHRONIC OVEREXPOSURE CAN  
CAUSE ANEMIA AND DISCOLORATION AND CORN EAL 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 O  
F 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.  
INHALA TION:REMOVE VICTIM TO FRESH AIR. INGESTION:DO NOT INDUCE  
VOMITING.SEE DOCTOR IMMEDIATELY.

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= 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

Spec Gravity:1.119

pH:4.65

Evaporation Rate & Reference:S

AME 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, CARBON MONOXIDE,  
CARBON DIOXIDE, INCOMPLETELY BURNED CARBON PRODU  
CTS.

===== 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 REGULA TIONS.

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