

CLAYTON CHEMICAL CO. -- XR AERIAL DEVELOPER PART C,2105,2109 -- 6750-00-151-6035

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

Product ID:XR AERIAL DEVELOPER PART C,2105,2109

MSDS Date:07/18/1994

FSC:6750

NIIN:00-151-6035

Kit Part:Y

MSDS Number: BWNJR

=== Responsible Party ===

Company Name:CLAYTON CHEMICAL CO.

Address:13310 S. FIGUEROA STREET

City:LOS ANGELES

State:CA

ZIP:90061

Country:US

Info Phone Num:310-

538-9530

Emergency Phone Num:310-538-9530/800-424-9300(CHEMTREC)

CAGE:61803

=== Contractor Identification ===

Company Name:CLAYTON CHEMICAL CO

Address:13310 S FIGUEROA ST

Box:City:LOS ANGELES

State:CA

ZIP:90061

Country:US

Phone:310-538-9530

CAGE:2079X

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:PROPYLENE GLYCOL MONOMETHYL ETHER  
CAS:107-98-2  
RTECS #:UB7700000  
Fraction by Wt: 15 - 20%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM  
ACGIH TLV:100 PPM/150STEL;9495

Ingred Name:CHOLINE BISULFITE  
CAS:28427-24-9  
Fraction by Wt: 10 - 15%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:HYDROQUINONE (SARA 302/313) (CERCLA)  
CAS:123-31-9  
RTECS #:MX3500000  
Fraction by Wt: 2 - 5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3; 9495  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

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

LD50 LC50 Mixture:LD50(ORAL, RAT) 320 MG/KG (HYDROQUINONE)  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY  
& GI TRACTS. ACUTE- EYES:MAY CAUSE SEVERE IRRITATION & BURNS.  
SKIN:PROLONGED CONTACT MAY CAUSE IRRITATION. INHALE:OVEREXPOSURE  
MAY CAUSE IRRITATION, CNS DEPRESSION, NARCOSIS. ORAL:MA  
Y CAUSE GI  
TRACT IRRITATION, CNS DEPRESSION & UNCONSCIOUSNESS. CHRONIC- SKIN  
SENSITIZATION, ANEMIA.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS  
IRRITATION, SEVERE EYES IRRITATION AND BURNS, NAUSEA, VOMITING,  
ABDOMINAL PAIN, HEADACHE, DIZZINESS, DROWSINESS, UNCONSCIOUSNESS  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN  
DISORDERS, EYE PROBLEMS OR IMPAIRED CNS OR RESPIRATORY FUNCTION MAY  
BE MOR

E SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:INHALED:REMOVE TO FRESH AIR. PROVIDE CPR IF NEEDED.  
EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. GET  
PROMPT MEDICAL ATTENTION. SKIN:WASH WITH SOAP & WATER. ORAL:IF  
CONSCIOUS, DRINK MILK OR WATER. INDUCE VOMITING. OBTAIN IMMEDIATE  
MEDICAL ATTENTION.

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

Flash Point:NOT FLAMM  
ABLE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL  
FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED  
CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED  
SELF-CONTAINED BREATHING APPARATUS. EVACUATE PERSONNEL TO A SAFE  
AREA.

Unusual Fire/Explosion Hazard:DECOMPOSITION PRODUCTS ARE TOXIC. CLOSED  
CONTAINERS MAY EXPLODE WHEN EXPOSED TO FIRE. CONTACT WITH STRONG  
OXIDIZING AGENTS MAY RESULT IN FIRE OR EXPLOSION.

===

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. STOP LEAK IF  
POSSIBLE. DIKE AND ABSORB SPILLS WITH INERT MATERIAL SUCH AS  
SAND/VERMICULITE. SCRAPE SPILL UP INTO CONTAINERS. SPILL CAN BE  
NEUTRALIZED WITH SODIUM CARBONATE. CLEAN SPILL AREA AFTER PICK UP  
IS COMPLETE.

Neutralizing Agent:SODIUM CARBONATE

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

Handling and Storage Precautions:STORE IN C  
OOL, WELL VENTILATED AREA

AWAY FROM INCOMPATIBLE MATERIALS. DO NOT STORE OR CONSUME FOOD,  
DRINK OR TOBBACO IN AREA CLOSE TO THIS PRODUCT.

Other Precautions:WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING  
AND BEFORE EATING, DRINKING, SMOKING. KEEP OUT OF REACH OF  
CHILDREN. DO NOT TAKE INTERNALLY.

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

Respiratory Protection:NONE REQUIRED WITH SUFFICIENT ROOM VENTILATION.

Ventilation:ADEQUATE

Protective Gloves:RUBB

ER RECOMMENDED

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

KEY1: B3. THIS PRODUCT IS A KIT CONSISTING OF THREE PARTS. THIS IS PART C. FORMULA CHAGED. FOR PREVIOUS FORMULATIONS SEE PNI C, G AND I, SAME NSN.

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

HCC:B1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=100.C, 212.F

Vapor Pres:23.8 @ 77F

Vapor Density: