

CLAYTON CHEMICAL CO. -- C AND H AERIAL FIXER PART A.(DA2121) -- 6750-00-929-8101

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

Product ID:C AND H AERIAL FIXER PART A.(DA2121)

MSDS Date:07/27/1992

FSC:6750

NIIN:00-929-8101

Kit Part:Y

MSDS Number: BPXFC

=== 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 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:AMMONIUM THIOSULFATE  
CAS:7783-18-8  
RTECS #:XN6465000  
Fraction by Wt: 45-50%  
Other REC Limits:NONE SPECIFIED

Ingred Name:SODIUM SULFITE  
CAS:7757-83-7  
RTECS #:WE2150000  
Fraction by Wt: 5-7%  
Other REC Limits:NONE SPECIFIED

Ingred Name:ACETIC ACID (SARA III)  
CAS:64-19-7  
RTECS #:AF1225000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:10 PPM  
ACGIH TLV:10 PPM/15 STEL; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES: MAY CAUSE IRRITATION. SKIN: NO  
DERMAL IRRITATION AS PER TEST PERFORMED. INHALATION: NORMALLY NO  
PROBLEM. INHALATION OF MIST COULD CAUSE RESPIRATORY IRRITATION.  
INGESTION: MAY CAUSE IRRITATION OF MUCOUS MEMBRANES OR DIGESTIVE  
TRACT.  
Explanation of Carcinogenicity:NOT LISTED.  
Effects of Overexposure:EYES: IRRITATION  
. SKIN: NO SYMPTOMS.  
INHALATION: RESPIRATORY TRACT IRRITATION. INGESTION: MUCOUS  
MEMBRANE AND DIGESTIVE TRACT IRRITATION.  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING DISEASE  
INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED  
RISK FROM EXPOSURE.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL  
ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH AREA WITH

LARGE AMOUNTS OF WATER. INHALATION: MOVE TO FRESH AIR. INGESTION:  
DRINK MILK OR WATER. INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point:NOT FLAMMABLE

Lower Limits:NONE

Upper Limits:NONE

Extinguishing Media:ANY EXTINGUISHING MEDIA APPLICABLE TO SURROUNDING  
AREA.

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

Unusual

Fire/Explosion Hazard:WHEN HEATED TO DECOMPOSITION EMISSION OF  
TOXIC FUMES OF SO<sub>2</sub> IS POSSIBLE.

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

Spill Release Procedures:WEAR PROTECTIVE CLOTHING AND EQUIPMENT DURING  
CLEANUP. DIKE SPILL. PREVENT LIQUID FROM ENTERING SEWERS,  
WATERWAYS, OR LOW AREAS. SOAK UP WITH SAND, OIL DRY OR OTHER  
ABSORBENT MATERIAL. SPILL MAY BE NEUTRALIZED WITH POWDERED SODIUM  
CARBONATE.

Neutralizing Agent:POWDERED SODIUM CARBONATE.

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

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

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 REQUIRED. SUFFICIENT ROOM VENTILATION IS  
ADEQUATE.

Ventilation:

NORMAL ROOM VENTILATION IS SUFFICIENT.

Protective Gloves:GLOVES RECOMMENDED FOR SPLASH PROTECTION

Eye Protection:EYEGLASSES WITH SIDE SHIELDS.

Other Protective Equipment:PROVIDE EYEWASH STATION. USE RUBBER APRON IF  
SPLASHING IS LIKELY.

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

Supplemental Safety and Health

KEY1: C3, THIS ENTRY DESCRIBES PART A OF A TWO PART KIT. SEE P/N  
INDICATOR E, THIS NSN,

FOR PART B DATA.

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

HCC:C3  
Boiling Pt:B.P. Text:212F,100C  
Vapor Pres:= WATER  
Vapor Density:= WATER  
Spec Gravity:1.352  
pH:5.30  
Evaporation Rate & Reference:SAME AS WATER.  
Solubility in Water:100%  
Appearance and Odor:PALE STRAW COLOR LIQUID. SWEET SULFUR DIOXIDE ODOR.  
Percent Volatiles by Volume:=WATER

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

Stability Indicator/Materials to Avoid:YES  
STRONG ALKAL  
IES, OXIDIZERS.  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:OXIDES OF SULFUR, CARBON DIOXIDE,  
CARBON MONOXIDE, AMMONIA.  
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:RECOVER NONUSABLE LIQUID, CONTAMINATED WATER,  
NONUSABLE SOLID MATERIAL, CONTAMINATED SOIL FOR DISPOSAL IN  
APPROVED AND PERMITTED TREATMENT SYSTEM OR LANDFILL. DISCHARGE TO  
  
SEWER REQUIRES APPROVAL OF P ERMITTING AUTHORITY AND MAY REQUIRE  
PRETREATMENT.

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 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  
assu

me responsibility for the suitability of this information to their particular situation.