

VARICHEC CORP DBA CLAYTON CHEMICAL CO. -- 2117 AERIAL FIXER HARDENER,PART B --  
6750-00-484-1126

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

Product ID:2117 AERIAL FIXER HARDENER,PART B

MSDS Date:01/18/1994

FSC:6750

NIIN:00-484-1126

Kit Part:Y

MSDS Number: CCLRR

=== Responsible Party ===

Company Name:VARICHEC CORP DBA CLAYTON CHEMICAL CO.

Address:13310 S. FIGUEROA STREET

City:LOS ANGELES

State:CA

ZIP:9006

1

Country:US

Info Phone Num:310-538-9530

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

CAGE:KO056

=== 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

Company Name:VARICHEC CORP D

BA CLAYTON CHEMICAL CO.  
Address:13310 S. FIGUEROA STREET  
Box:276-Z  
City:LOS ANGELES  
State:CA  
ZIP:90061  
Country:US  
Phone:310-538-9530  
CAGE:KO056

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

Ingred Name:ALUMINUM SULFATE  
CAS:10043-01-3  
RTECS #:BD1700000  
Fraction by Wt: 50 - 60%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3; 9596  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

LD50 LC50  
Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, GI TRACT.  
ACUTE- MAY CAUSE SEVERE EYE & SKIN IRRITATION & BURNS. INHALATION  
IS UNLIKELY BUT MIST COULD CAUSE RESPIRATORY TRACT IRRITATION.  
INGESTION MAY CAUSE SEVERE GASTROINT ESTINAL TRACT IRRITATION.  
CHRONIC- NONE.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:SEVE  
RE IRRITATION, NAUSEA, VOMITING, BURNS,  
TEARING, PAIN  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN  
DISORDERS SUCH AS ALLERGIES, ECZEMA MAY BE MORE SUSCEPTIBLE TO THE  
EFFECTS OF THIS PRODUCT.

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

First Aid:CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLUSH  
WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH SOAP &  
WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NE

EDED.

ORAL:IF CONSCIOUS, DRINK MILK OR WATER & INDUCEVOMITING. CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE FLUID OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAS CONVULSIONS.

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

Flash Point:NONE

Lower Limits:NOT RELEVANT

Upper Limits:NOT RELEVANT

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

F

ire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:MAY EMIT TOXIC GAS OF SULFUR DIOXIDE.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA. ABSORB ON SAND, VERMICULITE OR SIMILAR MATERIAL. SWEEP UP AND PLACE IN AN APPROPRIATE CONTAINER. HOLD FOR DISPOSAL. WASH CONTAMINATED SPILL AREA WITH DETERGE NT AND WATER. PR EVENT LIQUID FROM ENTERING SEWERS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN VENTILATED AREA, AWAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINER TIGHTLY CLOSED. DO NOT STORE OR CONSUME FOOD/DRINK IN THIS AREA.

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. DO NOT G ET IN EYES OR ON SKIN.

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

Respiratory Protection:NONE REQUIRED.

Ventilation:GENERAL MECHANICAL VENTILATION IS ADEQUATE FOR NORMAL USE. LOCAL EXHAUST IS RECOMMENDED FOR CONFINED AREAS.

Protective Gloves:LATEX RECOMMENDED

Eye Protection:SAFETY GLASSES/GOGGLES RECOMMENDED

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

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND R

ECOMMENDED PROCEDURES.

Supplemental Safety and Health

KEY1:C3. KIT CONSISTS OF TWO PARTS. PART A HAS PNI A AND PART B HAS PNI C, SAME NSN. PERCENTAGE OF INGREDIENTS FOR PART B HAS CHANGED. SEE PNI B.

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

HCC:C3

NRC/State Lic Num:NOT RELEVANT

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

Spec Gravity:1.24

pH:1.8

Solubility in Water:100%

Appearance and Odor:CLEAR, COLORLESS LIQUID - ODORLESS

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

Stability Indicator/Materials to Avoid:YES

STRONG BASES, STRONG OXIDIZING AGENTS

Hazardous Decomposition Products:OXIDES OF SULFUR

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. CONTRACT WITH A LICENSED WASTE DISPOSAL FACILITY.

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

This information is formulated for use by element

s 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.