

CLAYTON CHEMICAL COMPANY -- 176060B; 421-74; CFH FIXER HARDENER PART B
-- 6750-00-619-9946

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

Product ID:176060B; 421-74; CFH FIXER HARDENER PART B

MSDS Date:07/27/1992

FSC:6750

NIIN:00-619-9946

Kit Part:Y

MSDS Number: BJQDT

=== Responsible Party ===

Company Name:CLAYTON CHEMICAL COMPANY

Address:13310 S. FIGUEROA ST.

City:LOS ANGELES

State:CA

ZIP:90061

Country:US

Info Phone Num:213-538-9530

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

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:ALUMINUM SULFATE (SARA III)

CAS:10043-01-3

RTECS #:BD1700000

Fraction by Wt: 40-50%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:MANUFACTURER LISTS ONLY ONE INGREDIENT. APPARENTLY DOESN'T

LIST THOSE CONSIDERED 'NON-HAZARDOUS'.

RTECS #:9999999ZZ

Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:PRODUCT MAY CAUSE SEVERE IRRITATION
AND BURNS TO BODY TISSUES WHICH IT CONTACTS. INHALATION OF MISTS
OR VAPORS IS HIGHLY UNLIKELY DURING ANY NORMAL USEAGE.
Explanation of Carcinogenicity:THIS CHEMICAL IS NOT LISTED BY IARC,
NTP, OR OSHA AS A CARCINOGEN.
Effects of Overexposure:EYES:SEVERE IRRITATION OR BURNS. SKIN:POSSIBLE
IRRITATION, BURNS. INHALED:UNLIKELY EXPOSURE BUT MAY CAUSE
RESPIRATORY IRRITATION IF MISTS ARE INHALED. INGESTED:SEVERE
IRRITATION OF THE DIGESTIVE TRAC T.
Medical Cond Aggravated by Exposure:NO INFORMATION GIVEN ON MSDS BY
MFR.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. EYES:IMMEDIATELY FLUSH WITH
PLENTY OF WATER FOR 15 MINUTES. GET PROMPT MEDICAL ATTENTION.
SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH PLENTY OF WATER FOR 15
MINUTES. I NGESTION:DRINK MILK OR WATER. INDUCE VOMITING. GET
IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONE
Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:EVACUATE PERSONNEL TO A SAFE AREA. KEEP
PERSONNEL REMOVED AND UPWIND ODF FIRE. WEAR SELF-CONTAINED
BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:WHEN HEATED TO DECOMPOSITION , TOXIC
FUMES OF SO2 IS POSSIBLE.

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

Spill Release Procedures:USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMEMT.
DIKE SPLL. PREVENT FROM ENTERING SEWERS, WATERWAYS OR LOW AREAS.
SOAK UP WITH SAND, OIL DRY OR OTHER ABSORBENT MATERIAL.
Neutralizing Agent:POWDERED SODIUM BICARBONATE

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

Handling and Storage Precautions:STORE IN WELL VENTILATED AREA. KEEP
CONTAINERS TIGHTLY CLOSED. DO NOT STORE WITH INCOMPATABLE
MATERIALS.
Other Precautions:DO NOT STORE OR CONSUME FOOD, DRINK OR TOBACCO IN
AREA WHERE THEY MAY BECOME CONTAMINATED WITH THIS MATERIAL.

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

Respiratory Protection:NO INFORMATION GIVEN ON MSDS BY MFR. SUFFICIENT
ROOM VENTILATION
Ventilation:SUFFICIENT ROOM VENTILATION
Protective Gloves:RECOMMENDED
Eye Protection:EYEGASSES W/ SIDE SHIELDS
Other Protective Equipment:APRON. (SPLASH PROTECTION IS ALL THAT IS

RECOMMENDED BY MANUFACTURER.)

Work Hygienic Practices:MFR: ? HMIS:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and Health

THIS IS PART B OF A TWO PART KIT. FOR THE MSDS OF PART A, SEE P/N IND C, THIS NSN.

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

HCC:C3

NRC/State Lic Num:NONE

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

Spec Gravity:1.213

pH:2.98

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR & COLORLESS, NO ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:NO INFORMATION GIVEN ON MSDS BY MFR.

Hazardous Decomposition Products:OXIDES OF SULFUR AND HYDROGEN

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

Waste Disposal Methods:RECOVER NON-USEABLE FREE LIQUID AND/OR CONTAMINATED WATER AND DISPOSE OF IN AN APPROVED/PERMITTED TREATMENT SYSTEM AND SOLIDS TO AN APPROVED/PERMITTED LANDFILL. DISCHARGE TO SEWER REQUIRES APPROVAL OF PERMITTING AUTHORITY AND MAY REQUIRE PRETREATMENT

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