

VARICHEM CORP., DBA CLAYTON CHEMICAL -- 176060B; 421-74; CFH FIXER HARDENER PART B --  
6750-00-528-0473

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

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

MSDS Date:07/27/1992

FSC:6750

NIIN:00-528-0473

MSDS Number: BPVNL

=== Responsible Party ===

Company Name:VARICHEM CORP., DBA CLAYTON CHEMICAL

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:JO759

=== 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:VARICHEM CORP., DBA CLAYTON CHEMICAL

Addr

ess:13310 S. FIGUEROA ST.  
Box:City:LOS ANGELES  
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Country:US  
Phone:213-538-9530  
CAGE:JO759

=====  
Composition/Information on Ingredients  
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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

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Hazards Identification  
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Routes of Entry: Inhalation:NO Skin:YE  
S 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 CA  
USE  
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.

=====  
First Aid Measures  
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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. INGESTION:DRINK MILK

OR WATER. DO NOT INDUCE VOMITING.  
GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS OF SO2.

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

Spill Release Procedures:USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. DIKE SPL. PREVENT FRO

Neutralizing Agent:POWDERED SODIUM BICARBONATE

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

Handling and Storage Precautions:STORE IN WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY 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: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 D, 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, ODORLESS LIQUID

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

Stability Indicator/Materials to A

void: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  
MA  
Y REQUIRE PRETREATMENT

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particular situation.