

CLAYTON CHEMICAL CO. -- CFH FIXER WITH HARDENER - PART A -- 6750-00-619-9946

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Product Identification  
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Product ID:CFH FIXER WITH HARDENER - PART A

MSDS Date:06/18/1989

FSC:6750

NIIN:00-619-9946

Kit Part:Y

MSDS Number: BFJJQ

=== Responsible Party ===

Company Name:CLAYTON CHEMICAL CO.

Address:13310 FIGUEROA STREET

City:LOS ANGELES

State:CA

ZIP:90061

Country:US

Info Phone Num:213-538-9530

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ergency Phone Num:213-538-9530

Preparer's Name:JOHN B. TAYLOR

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

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Composition/Information on Ingredients  
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Ingred Name:AMMONIUM THIOSULFATE

CAS:7783-18-8

RTECS #:XN6465000

Fraction by Wt: 55-65%

Other REC Limits:NONE SPECIFIED

Ingred Name:SODIUM SULFITE

CAS

:7757-83-7  
RTECS #:WE2150000  
Fraction by Wt: 5-10%  
Other REC Limits:NONE SPECIFIED

Ingred Name:ACETIC ACID (SARA III)  
CAS:64-19-7  
RTECS #:AF1225000  
Fraction by Wt: 2-4%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:10 PPM  
ACGIH TLV:10 PPM/15 STEL; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:BORIC ACID  
CAS:10043-35-3  
RTECS #:ED4550000  
Fraction by Wt: 1-3%  
Other REC Limits:NONE SPECIFIED

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 25-35%  
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 2890 MG/KG  
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:NONE SPECIFIED BY MANUFACTURER.  
Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.  
Effects of Overexposure:EYES: IRRITATION. SKIN: POSSIBLE IRRITATION ON PROLONGED CONTACT. INGESTION: PAIN AND UPSET STOMACH.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELID. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ADVICE. INGESTION: DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET MEDICAL ATTENTION IMMEDIATELY.

ATELY.

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

Flash Point:NOT COMBUSTIBLE  
Autoignition Temp:Autoignition Temp Text:NONE  
Extinguishing Media:NONE REQUIRED  
Fire Fighting Procedures:NONE REQUIRED  
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:MOP UP SMALL SPILLS ON WASTE TOWELING AND  
DISPOSE OF IN A PROPER CONTAINER  
Neutralizing Agent:DILUTE WITH WATER.

===== Hand  
ling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY, PLACE.  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NONE NORMALLY REQUIRED.  
Ventilation:MECHANICAL (GENERAL) VENTILATION IS RECOMMENDED.  
Protective Gloves:NONE NORMALLY REQUIRED.  
Eye Protection:GOGGLES RECOMMENDED  
Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.  
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES.  
LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. KEEP WORK AREA CLEAN.  
Supplemental Safety and Health  
PART A OF A TWO PART KIT. SEE P/N IND B, THIS NSN, FOR ADDITIONAL  
INFORMATION.

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

HCC:N1  
Boiling Pt:B.P. Text:>212F,>100C  
Spec Gravity:1.35  
pH:5.3  
Solubility in Water:COMPLETE  
Appearance and Odor:CLEAR, PALE STRAW; SOUR ODOR OF AMMONIA & VINEGAR  
Percent Volatiles by Volume:30

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

Stability Indicator/Materials to Avoid: YES

STRONG ACIDS AND STRONG ALKALI

Hazardous Decomposition Products: CONTACT WITH ACIDS WILL PRODUCE SULFUR DIOXIDE. CONTACT WITH ALKALIS WILL PRODUCE AMMONIA

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

Waste Disposal Methods: DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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