

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

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

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

Emergency Phone Num:213-538-9530

Preparer's Name:JOHN B. TAYLOR

CA

GE: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

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

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 Lim

its: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

===== Hazards Identification =====
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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.

===== 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.

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

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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.

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

Handling and Storage P
recautions: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 CLOT
HING 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

===== 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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