

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

Em

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

===== 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 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

===== 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 PRO  
LONGED 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

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

=====

=== 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.

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

This information is formulated for use by elements 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.