

CLAYTON CHEMICAL CO. -- CHEMPOS KN KIT- FIXER #3 (5153-000) -- 6750-01-200-8179

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

Product ID:CHEMPOS KN KIT- FIXER #3 (5153-000)

MSDS Date:10/02/1992

FSC:6750

NIIN:01-200-8179

Kit Part:Y

MSDS Number: BQFFP

=== Responsible Party ===

Company Name:CLAYTON CHEMICAL CO.

Address:13310 FIGUEROA STREET

City:LOS ANGELES

State:CA

ZIP:90061

Country:US

Info Phone Num:310-538-9

530

Emergency Phone Num:310-538-9530,CHEMTREC 800-424-9300

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: 10-15%

Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM BISULFITE (

SASA III)  
CAS:7631-90-5  
RTECS #:VZ2000000  
Fraction by Wt: 1-2%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ACETIC ACID (SARA III)  
CAS:64-19-7  
RTECS #:AF1225000  
Fraction by Wt: 1-2%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 PPM  
ACGIH TLV:10 PPM/15 STEL; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:NO Skin:YE  
S Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE- EYE:MAY CAUSE IRRITATION.  
SKIN-MAY CAUSE IRRITATION. INHALATION- NORMALLY NO PROBLEM, BUT  
INHALATION OF MIST MAY CAUSE RESPIRATORY IRRITATION. INGESTION-MAY  
CAUSE IRRITATION OF MUCOUS MEMBRANES OR DIGESTIVE TRACT.  
CHRONIC:NONE NOTED.  
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS  
LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.  
Effects of Overexp  
osure:IRRITATION OF EYES, SKIN, REDNESS OF EYES,  
DIARRHEA, SOTMACHACHE.  
Medical Cond Aggravated by Exposure:SKIN DISEASES.

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

First Aid:INHALATION:REMOVE TO FRESH AIR, PROVIDE CPR/OXYGEN IF NEEDED.  
EYE CONTACT:FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL HELP. SKIN  
CONTACT:WASH WITH SOAP AND WATER. GET MED ATTENTION IF SYMPTOMS  
PERSIS T. INGESTION:DRINK 1-2 GLASSES OF WATER, INDUCE VOMITING.  
GET MEDICAL HELP

IMMEDIATELY.

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

Flash Point:NOT FLAMMABLE

Extinguishing Media:ANY EXTINGUISHING MEDIA APPLICABLE TO SURROUNDING AREA.

Fire Fighting Procedures:EVACUATE PERSONNEL TO A SAFE AREA. KEEP PERSONNEL REMOVED AND UPWIND OF FIRE. WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:WHEN HEATED TO DECOMPOSITION EMISSION OF TOXIC FUMES OF SULFUR DIOXIDE AND AMMONIA GAS IS POSSIBLE.

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

Spill Release Procedures:USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT DURING CLEANUP. DIKE SPILL. PREVENT LIQUID FROM ENTERING SEWERS, WATERWAYS OR LOW AREAS. SOAK UP WITH SAND OR OTHER ABSORBENT MATERIAL. SPILL MAY BE NEUTRALIZED.

Neutralizing Agent:VINEGAR OR 5% ACETIC ACID.

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

Handling and Storage Precautions:STORE IN WELL VENTILATED AREA. KEEP CONTAINER TIGHTLY CLOSED.

DO NOT STORE WITH INCOMPATIBLE MATERIALS, OR FOOD, DRINK OR TOBACCO.

Other Precautions:NONE

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

Respiratory Protection:SUFFICIENT ROOM VENTILATION.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:GLOVES.

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE BATH. INDUSTRIAL TYPE WORK CLOTHING AND APRON AS REQUIRED TO AVOID PROLONGED OR REPEATED CONTACT.

CT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

THIS IS A FOUR PART KIT. PART A,B,C,D, SAME NSN. KEY 1:C3

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

HCC:B3

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

Vapor Pres:SAME WATER

Vapor Density:SAME WATER

Spec Gravity:1.100

pH:5.3

Evaporation Rate & Reference:SAME AS WATER.

Solubility in Water:100%

Appearance and Odor

dor: CLEAR AND COLORLESS LIQUID, SULFUR DIOXIDE ODOR.

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

Stability Indicator/Materials to Avoid: YES

STRONG ALKALIS AND OXIDIZERS.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: OXIDES OF SULFUR, CARBON DIOXIDE,  
CARBON MONOXIDE AND AMMONIA GAS. L

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

Waste Disposal Methods: RECOVER NONUSABLE FREE LIQUID &/OR CONTAMINATED

WATER, & DISPOSE OF IN AN APPROVED & PERMITTED TREATMENT SYSTEM.  
REMOVE NONUSABLE SOLID MATERIAL &/OR CONTAMINATED SOIL, FOR  
DISPOSAL IN AN APPROVED & PERMITTED LANDFILL. FOLLOW LOCAL,  
STATE, FEDERAL REGULATIONS

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