

## **134-190,PTS FIXER CONCENTRATE**

### **MSDS Number**

BKBZN

### **National Stock Number**

6750-01-119-5456

### **Product Name**

134-190,PTS FIXER CONCENTRATE

### **Manufacturer**

CLAYTON CHEMICAL CO

### **Product Identification**

Product ID:134-190,PTS FIXER CONCENTRATE

MSDS Date:02/15/1991

FSC:6750

NIIN:01-119-5456

MSDS Number: BKBZN

### **Responsible Party**

CLAYTON CHEMICAL CO.

13310 S. FIGUEROA ST.

LOS ANGELES , CA 90061

US

Emergency Phone: 800-535-9530

Info Phone: 213-538-9530

Cage: 61803

### **Contractor**

CLAYTON CHEMICAL CO.

LOS ANGELES, CA 90061

US

310-538-9530/800-424-9300(CHEMTREC)

Cage: 61803

### **Ingredients**

AMMONIUM THIOSULFATE

CAS: 7783-18-8

RTECS: XN6465000

Fraction By Weight: 50-60%

SODIUM SULFITE

CAS: 7757-83-7

RTECS: WE2150000

Fraction By Weight: 8-12%

ACETIC ACID (SARA III)

CAS: 64-19-7

RTECS: AF1225000

Fraction By Weight: 2-4%

OSHA PEL10 PPM

ACGIH TLV: 10 PPM/15 STEL; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

## Hazards

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: MAY CAUSE IRRITATION TO SKIN, EYES. INGESTION: MAY LEAD TO VOMITING, GASTRIC UPSET. INHALATION: VAPORS MAY CAUSE COUGHING, BRONCHITIS, AND/OR PULMONARY EDEMA. CHRONIC: REPEATED AND PROLONGED SK IN CONTACT MAY CAUSE DERMATITIS. Effects of Overexposure:INHALATION: VAPORS CAN CAUSE COUGHING,CHOKING, & IRRITATION OF RESPIRATORY TRACT. INGESTION: CAN CAUSE BURNS/IRRITATION OF MUCOUS MEMBRANES OR DIGESTIVE TRACT. LARGE QUANTITY MAY CAUSE SEVERE STOMACH PAIN. EYE/SKIN: LIQUID/MIST CONTACT CANCAUSE SEVERE BURNS/DAMAGE WITH PERMANENT INJURY TO THE EYES.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS, PROBLEMS MAY BE MORE SUSCEPTIBLE TO THIS PRODUCT.

## First Aid

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING.FLUSH WITH WATER.CALL A PHYSICIAN IF IRRITATION PERSISTS. INHALATION:REMOVE TO FRESH AIR & RESTORE BREATHING IF NECESSARY. EYES:IMMEDIATELY FLUSH WITH RUNNING WATER F OR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN.CALL A PHYSICIAN. INGESTION:IF CONSCIOUS,GIVE MILK OR WATER.DO NOT INDUCE VOMITING.IMMEDIATELY CALL PHYSICIAN.NOTHING BY MOUTH TO UNCONSCIOUS VICTIM.

## Fire Fighting

Flash Point:NONE

Extinguishing Media:USE WATER SPRAY, CARBON DIOXIDE, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR APPROPRIATE PROTECTIVE EQUIPMENT INCLUDING RESP PROTECTION SUCH AS SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:CONTAINERS MAY BURST OR EXPLODE IN HEAT OF FIRE. INTENSE HEAT MAY CAUSE DECOPOSITION OF THE PRODUCT TO SULFUR DIOXIDE.

## Accidental Release

Spill Release Procedures:WEAR PROTECTIVE CLOTHING AND EQUIPMENT DURING CLEANUP PROCEDURES.CONTAIN SPILLAGE IN SUITABLE CONTAINER OR CONTAIN IN A HOLDING AREA.DO NOT ALLOW TO ENTER WATERWAYS.NEUTRALIZE WITH POWDERED SODA ASH O R LIME.KEEP IN COVERED DRUMS PENDING INSTRUCTIONS.

Neutralizing Agent:POWDER SODIUM CARBONATE, OR LIME.

## Handling

Handling and Storage Precautions:STORE IN A DRY,COOL,AND VENTILATED AREA.DO NOT STORE IN DIRECT SUNLIGHT.KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE.PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:THE SELECTION OF PERSONAL PROTECTIVE EQUIPMENT SHOULD BE MADE BY THE MATERIAL USER BASED ON THE PARTICULAR CONDITIONS WHERE THE MATERIAL IS TO BE USED TOGETHER WITH INFORMATION CONTAINED IN THIS MSDS.

## Exposure Controls

Respiratory Protection:NONE REQUIRED.

Ventilation:LOCAL EXHAUST NOT REQUIRED, MECHANICAL (GENERAL) RECOMMENDED.

Protective Gloves:RUBBER/NEOPRENE

Eye Protection:PROTECTIVE GOGGLES RECOMMENDED.  
Other Protective Equipment:EYE WASH FACILITY RECOMMENDED. RUBBER APRON  
IF SPILLS ARE LIKELY.  
Work Hygienic Practices:PRACTICE GENERAL INDUSTRIAL HYGEIN  
PRACTICE.KEEP AREA CLEAN.WASH THOROUGHLY AFTER EACH USE OR  
HANDLING.AVOID CONTACT.  
Supplemental Safety and Health  
FORMULA NUMBER:415-53; MSDS NO:415-53.

## Chemical Properties

HCC:C3  
Boiling Pt:B.P. Text:212F,100C  
Spec Gravity:1.342  
pH:5.3  
Solubility in Water:COMPLETE  
Appearance and Odor:CLEAR, COLORLESS;SLIGHT SULFUR DIOXIDE ODOR.

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG ALKAIES AND OXIDIZERS.  
Stability Condition to Avoid:HEAT/IGNITION SOURCES/DIRECT SUNLIGHT.  
Hazardous Decomposition Products:HAZARDOUS SULFUR DIOXIDE IS EVOLVED  
UNDER ACIDIC CONDITIONS. MAY BE DECOMPOSED TO OXIDES OF  
SULFUR,CARBON AND AMMONIA.

## Disposal

Waste Disposal Methods:NEUTRALIZE WITH SODIUM CARBONATE/LIME.KEEP IN  
COVERED DRUMS,PENDING DISPOSAL INSTRUCTIONS. HANDLE & DISPOSE IN  
FULL COMPLIANCE WITH ALL APPLICABLE FEDERAL,STATE, & LOCAL  
REGULATIONS.

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