

## **M5045,MICRO RAPID FIXER CONCENTRATE**

### **MSDS Number**

BKBZS

### **National Stock Number**

6750-01-145-7831

### **Product Name**

M5045,MICRO RAPID FIXER CONCENTRATE

### **Manufacturer**

CLAYTON CHEMICAL CO

### **Product Identification**

Product ID:M5045,MICRO RAPID FIXER CONCENTRATE

MSDS Date:06/05/1986

FSC:6750

NIIN:01-145-7831

MSDS Number: BKBZS

### **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

SODIUM SULFITE

CAS: 7757-83-7

RTECS: WE2150000

BORIC ACID

CAS: 10043-35-3

RTECS: ED4550000

### **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 TO  
MOUTH & THROAT CAUSING SEVERE ABDOMINAL PAIN, NAUSEA,VOMITING.  
LARGE QUANTITY MAY CAUSE SEVERE STOMACH PAIN. EYE/SKIN:  
LIQUID/MIST CONTACT CAN CAUSE 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 AND 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.  
DO NOT USE A DIRECT WATER STREAM.  
Fire Fighting Procedures:WEAR APPROPRIATE PROTECTIVE EQUIPMENT  
INCLUDING RESP PROTECTION. COOL FIRE EXPOSED CONTAINERS WITH WATER  
SPRAY. STOP LEAK/RELEASE IF IT CAN BE DONE SAFELY.  
Unusual Fire/Explosion Hazard:CONTAINERS MAY BURST OR EXPLODE IN HEAT  
OF FIRE. INTENSE HEAT MAY CAUSE DECOPOSITION OF THE PRODUCT.

## 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 WEAK SOLUTION OF SO DA ASH OR LIME AND  
KEEP IN COVERED DRUMD.  
Neutralizing Agent:WEAK SOLUTION OF SODA ASH 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:LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.  
WASH BEFORE RE-USE.  
Supplemental Safety and Health  
OLD MSDS. CLAYTON IS IN PROCESS OF REVISING THE MSDS'S OF THEIR  
PRODUCTS. P/N WRITTEN IS ACTUALLY FORMULA NUMBER (M5045); THEY MAY  
ASSIGN A CAT NO ON THE NEW MSDS. WATCH IT.

## Chemical Properties

HCC:C3  
Boiling Pt:B.P. Text:212F,100C  
Spec Gravity:1.35  
pH:5.3  
Solubility in Water:COMPLETE  
Appearance and Odor:CLEAR, COLORLESS;MILD ODOR OF AMMONIA.

### **Stability**

Stability Indicator/Materials to Avoid:YES  
STRONG MINERAL ACIDS  
Hazardous Decomposition Products:HAZARDOUS SULFUR DIOXIDE IS EVOLVED  
UNDER ACIDIC CONDITIONS. MAY BE DECOMPOSED TO BORON AND SULFUR  
OXIDES IN COMBUSTION

### **Disposal**

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

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