

## **22538 AMINO ACID F REAGENT**

### **MSDS Number**

BBFKB

### **National Stock Number**

6810-00D001711

### **Product Name**

22538 AMINO ACID F REAGENT

### **Manufacturer**

HACH CO

### **Product Identification**

Product ID:22538 AMINO ACID F REAGENT

MSDS Date:06/20/1989

FSC:6810

NIIN:00D001711

MSDS Number: BBFKB

### **Responsible Party**

HACH CO.

100 DAYTON RD.

AMES , IA 50010-6402

US

Emergency Phone: 303-623-5716(MEDICAL) 515-232-2533

Info Phone: 800-227-4224

Cage: 91224

### **Contractor**

HACH CO

389

LOVELAND, CO 80539

US

970-669-3050/ 303-623-5716

Cage: 91224

### **Ingredients**

SODIUM BISULFITE (SASA III)

CAS: 7631-90-5

RTECS: VZ2000000

Fraction By Weight: >90%

OSHA PEL5 MG/M3

ACGIH TLV: 5 MG/M3; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

AMINO ACID F

Fraction By Weight:

### **Hazards**

LD50 LC50 Mixture:ORAL RAT 1100 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:PRODUCT IS CORROSIVE TO ALL BODY TISSUES, AND MAY SENSITIZE RESPIRATORY TRACT.  
Explanation of Carcinogenicity:INGREDIENTS ARE NOT LISTED AS CARCINOGENS BY OSHA, IARC, OR NTP.  
Effects of Overexposure:EYE:INTENSE IRRITATION, BURNS SKIN:SEVERE IRRITATION,BURNS INHALED:MAY SENSITIZE ALLERGIC REACTIONS. INHALED:IT MAY AFFECT CENTRAL NERVOUS SYSTEM. IRRITABILITY,RESTLESSNESS, CHRONIC CONVULSIONS,SIGN S OF LACK OF OXYGEN.  
Medical Cond Aggravated by Exposure:SULFITES ARE STRONG SENSITIZERS. PEOPLE WITH RESPIRATORY PROBLEMS OR A HISTORY OF SULFITE SENSITIVITY SHOULD TAKE EXTRA PRECAUTIONS TO AVOID CONTACT WITH THIS PRODUCT.

## First Aid

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. WASH SKIN WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. INGESTED:DO NOT INDUCE VOMITING.GIVE 2 GLASSES OF MILK OR WATER AND AT LEAST 1 OUNCE MILK OF MAGNESIA. GET IMMEDIATE MEDICAL CARE. IF IRRITATION PERSISTS OR IS SEVERE,SEE A DOCTOR.

## Fire Fighting

Flash Point:NON-FLAMMABLE  
Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL,  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.  
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

## Accidental Release

Spill Release Procedures:COVER WITH SOLID NEUTRALIZER AND ADD WATER. WHEN EFFERVESCENCE CEASES, TRANSFER TO SUITABLE CONTAINER AND CAUTIOUSLY ADD HYPOCHLORITE TO SLIGHT CHLORINE EXCESS. CONTINUE UNTIL CHLORINE EXCESS HOLDS F OR AT LEAST ONE HOUR.  
Neutralizing Agent:SODA ASH,SODIUM BICARBONATE

## Handling

Handling and Storage Precautions:STORE TIGHTLY CLOSED IN A COOL,DRY AREA.

## Exposure Controls

Respiratory Protection:NONE NORMALLY NEEDED. USE NIOSH RESPIRATOR OR SUPPLIED AIR RESPIRATOR IF EXPOSED ABOVE TLV.  
Ventilation:USE HOOD OR OTHER LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV OR BELOW TLV FOR NUISANCE DUST.  
Protective Gloves:DISPOSABLE  
Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES  
Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.  
Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICES. PEOPLE WITH A SULFITE SENSITIVITY SHOULD USE EXTREME CAUTION.  
Supplemental Safety and Health  
CHANGE NUMBER 8154.

## Chemical Properties

HCC:C1  
Melt/Freeze Pt:M.P/F.P Text:DECOMPOSES  
Spec Gravity:POWDER  
Solubility in Water:NEARLY COMPLETE  
Appearance and Odor:WHITE TO TAN POWDER, NO ODOR \* PH 5% SOLUTION = 4.3  
Percent Volatiles by Volume:UNKNON

## Stability

Stability Indicator/Materials to Avoid: YES  
OXIDIZING AGENTS, WATER, ACIDS, AIR  
Stability Condition to Avoid: MOISTURE, AIR  
Hazardous Decomposition Products: SULFUR OXIDES, CORROSIVE FUMES IN  
CONTACT WITH ACID OR WATER.

## **Disposal**

Waste Disposal Methods: I/A/W FEDERAL, STATE, LOCAL REGULATIONS. MFR  
SUGGESTS FLUSH NEUTRALIZED AND OXIDIZED LIQUID TO DRAIN.

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