

## **CRONEX XMF-A (SEE "SUPP"), PART-A.**

### **MSDS Number**

BGJTJ

### **National Stock Number**

6525-01-061-4367

### **Product Name**

CRONEX XMF-A (SEE "SUPP"), PART-A.

### **Manufacturer**

E I DUPONT DE NEMOURS AND CO

### **Product Identification**

Product ID:CRONEX XMF-A (SEE "SUPP"), PART-A.

MSDS Date:05/01/1986

FSC:6525

NIIN:01-061-4367

MSDS Number: BGJTJ

### **Responsible Party**

E.I.DUPONT DE NEMOURS & CO.

WILMINGTON , DE 19898

UE

Emergency Phone: 1-800-441-3637(MED);424-9300(TRANS)

Info Phone: 1-800-441-7515(PRODUCT)

Cage: DO229

### **Contractor**

E.I.DUPONT DE NEMOURS & CO INC

1635

BOSTON, MA 02118

US

800-441-7515

Cage: DO229

### **Ingredients**

AMMONIUM THIOSULFATE

CAS: 7783-18-8

RTECS: XN6465000

Fraction By Weight: 50 - 55%

SODIUM ACETATE

CAS: 126-96-5

RTECS: AJ4375000

Fraction By Weight:

SODIUM BISULFITE (SASA III)

CAS: 7631-90-5

RTECS: VZ2000000

Fraction By Weight:

OSHA PEL5 MG/M3

ACGIH TLV: 5 MG/M3; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

## Hazards

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Health Hazards Acute and Chronic:CAUSES EYE & SKIN  
IRRITATION.INHALATION OF MIST OR DRIED RESIDUE MAY CAUSE  
RESPIRATORY IRRITATION.INGESTION MAY CAUSE GASTROINTESTINAL  
IRRITATION.

Effects of Overexposure:EYE,SKIN,RESPIRATORY,MUCOUS MEMBRANE  
IRRITATION,DERMATITIS,COUGHING,NAUSEA,DIZZINESS,DIFFICULTY  
BREATHING,ABDOMINAL PAIN.

Medical Cond Aggravated by Exposure:ACTIVATED CHARCOAL SLURRY MAY BE  
USED IN CASE OF INGESTION WHEN VOMITING IS CONTRAINDICATED.USE 50G  
OF ACTIVATED CHARCOAL IN 400ML OF WATER. DOSAGE:5MG SLURRY FOR ONE  
KILOGRAM OF BODY WEIGHT.

## First Aid

First Aid:INH:REMOVE TO FRESH AIR,IF NOT BREATHING,GIVE ARTIFICIAL  
RESPIRATION OR OXYGEN; SKIN/EYE CONTACT:FLUSH WITH PLENTY OF WATER  
FOR AT LEAST 15 MINUTES; ING:DO NOT INDUCE VOMITING,GIVE LARGE  
QUANTITIES OF WATER.NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS  
PERSON.

## Fire Fighting

Extinguishing Media:ANY APPLICABLE TO PRIMARY CAUSE OF FIRE.  
Fire Fighting Procedures:EVACUATE PERSONNEL TO A SAFE AREA. KEEP  
PERSONNEL REMOVED & UPWIND OF FIRE.WEAR SELF-CONTAINED BREATHING  
APPARATUS.  
Unusual Fire/Explosion Hazard:NONE BY MFG.

## Accidental Release

Spill Release Procedures:USE APPROPRIATE PROTECTIVE EQUIPMENT.DIKE  
SPILL,PREVENT LIQUID FROM ENTERING SEWERS,WATER WAYS OR LOW  
AREAS.SOAK UP WITH SAWDUST,SAND,OIL DRY OR OTHER ABSORBENT  
MATERIAL.  
Neutralizing Agent:SODIUM BICARBONATE(BAKING SODA).

## Handling

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED.DO NOT  
STORE WITH STRONG BASES. DO NOT CONTAMINATE FOOD,DRINK,TOBACCO WITH  
THIS MATERIAL.

## Exposure Controls

Respiratory Protection:CHEMICAL CARTRIDGE RESPIRATOR:WITH ORGANIC VAPOR  
ACID GAS CARTRIDGE IN POORLY VENTILATED AREAS.  
Ventilation:ADEQUATE VENTILATION  
Protective Gloves:LATEX OR NEOPRENE GLOVES  
Eye Protection:CHEMICAL SPLASH GOGGLES  
Supplemental Safety and Health  
THIS A PART-A OF A TWO PART KIT. "XMF" STANDS FOR "X-RAY MULTI-PROCESS  
FIXER/REPLENISHER". THESE PARTS A & B ARE CONCENTRATES. FOR THE  
PRE-MIXED WORKING STRENGTH SOLUTION, SEE NSN 6525-00-DOO-1514. KE  
Y1:N1.

## Chemical Properties

HCC:N1  
Boiling Pt:B.P. Text:>212F/100C  
Spec Gravity:1.3  
Solubility in Water:100 WT%  
Appearance and Odor:CLEAR,LIGHT AMBER LIQUID WITH SULFUR DIOXIDE ODOR.

## Stability

Stability Indicator/Materials to Avoid: YES

STRONG BASES

Hazardous Decomposition Products: DECOMPOSES BY REACTION WITH STRONG BASES.

## Disposal

Waste Disposal Methods: RECOVER NONUSABLE FREE LIQUID AND CONTAMINATED WATER & DISPOSE OF IN AN APPROVED & PERMITTED BIOLOGICAL TREATMENT SYSTEM OR AN APPROVED DEEPWELL. REMOVE NONUSABLE SOLID MATERIAL & CONTAMINATED SOIL FOR DISPOSAL IN AN APPROVED LANDFILL.

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