

## **FX-UNIVERSAL FIXER PART A**

### **MSDS Number**

BKKPF

### **National Stock Number**

6750-00N014109

### **Product Name**

FX-UNIVERSAL FIXER PART A

### **Manufacturer**

AGFA CORP

### **Product Identification**

Product ID:FX-UNIVERSAL FIXER PART A

MSDS Date:08/01/1989

FSC:6750

NIIN:00N014109

Kit Part:Y

MSDS Number: BKKPF

### **Responsible Party**

AGFA CORPORATION

100 CHALLENGER RD

RIDGEFIELD PARK , NJ 07660

US

Emergency Phone: 303-623-5716;800-424-9300(CHEMTREC)

Info Phone: 201-440-2500

Cage: HO792

### **Contractor**

BAYER CORP / AGFA DIVISION

RIDGEFIELD, NJ 07660

US

201-440-2500

Cage: 59735

### **Ingredients**

THIOSULFURIC ACID, DIAMMONIUM SALT (AMMONIUM THIOSULFATE)

CAS: 7783-18-8

RTECS: XN6465000

Fraction By Weight: 45-50%

ETHYLENEDIAMINE-TETRAACETIC ACID (EDTA) (SARA III)

CAS: 60-00-4

RTECS: AH4025000

Fraction By Weight: 0-1%

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

1)

CAS: 7757-83-7

RTECS: WE2150000

Fraction By Weight: 10-15%

AMMONIUM HYDROXIDE (SARA III)

CAS: 1336-21-6

RTECS: BQ9625000

Fraction By Weight: 0-1%

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:ACUTE:EYE/SKIN:MAY CAUSE IRRITATION.

INHAL:NORMALLY NO PROBLEM, BUT INHALATION OF MIST COULD CAUSE

RESPIRATORY IRRITATION. INGEST:MAY CAUSE IRRITATION OF MUCOUS

MEMBRANES OR DIGESTIVE TRACT. CHRONIC:N O CHRONIC EFFECTS

ASSOCIATED WITH MATERIALS.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:EYES:IMMEDIATELY FLUSH W/PLENTY OF RUNNING WATER FOR AT LEAST 15 MINUTES. GET MD. SKIN:FLUSH AFFECTED AREAS PROMPTLY W/WATER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING. IN CASE OF CONTINUED IRRITATI ON, SEE MD. INHAL:REMOVE TO FRESH AIR. INGEST:GET MD IMMEDIATELY.

## Fire Fighting

Flash Point:NONCOMBUSTIBLE

Extinguishing Media:ANY APPLICABLE TO PRIMARY CAUSE OF FIRE.

Fire Fighting Procedures:EVACUATE PERSONNEL TO SAFE AREA. KEEP PERSONNEL REMOVED & UPWIND OF FIRE. WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:WHEN HEATED TO DECOMPOSITION EMISSION OF TOXIC FUMES OF SO\*2 IS POSSIBLE.

## Accidental Release

Spill Release Procedures:USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT DURING CLEAN UP. DIKE SPILL. PREVENT LIQUID FROM ENTERING SEWERS, WATERWAYS OR LOW AREAS. SOAK UP W/SAWDUST, SAND, OIL DRY OR OTHER ABSORBENT MATERIAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:STORE IN WELL VENT AREA. KEEP CNTNR TIGHTLY CLOSED. DO NOT STORE W/INCOMPATIBLE MATLS. DO NOT STORE OR CONSUME FOOD, DRINK OR TOBACCO (SEE SUPP DATA)

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

## Exposure Controls

Respiratory Protection:NONE NEEDED W/WORKING MIXTURES & NORMAL ROOM VENTILATION. IF NEEDED, USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:ROOM VENTILATION IS SUFFICIENT. AVOID USE OF PRODUCT IN UNVENTILATED AREAS.

Protective Gloves:CHEMICAL GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES .  
Other Protective Equipment:CHEMICAL APRONS RECOMMENDED.  
Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER USE AND BEFORE EATING, DRINKING, SMOKING OR USING SANITARY FACILITIES .  
Supplemental Safety and Health  
WASTE DISP METH:AUTHORITY AND MAY REQUIRE PRETREATMENT. DISPOSE OF I/A/W FEDERAL, STATE AND LOCAL REGULATIONS. HNDLG/STOR PREC:IN AREA WHERE THEY MAY BECOME CONTAMINATED W/MATERIAL.

## Chemical Properties

HCC:C2  
Boiling Pt:B.P. Text:212F,100C  
Vapor Pres:21.07  
Vapor Density:SAME/WATER  
Spec Gravity:1.382  
pH:7.60  
Evaporation Rate & Reference:0.3 N-BUTYL ACETATE  
Solubility in Water:100%  
Appearance and Odor:CLEAR AND COLORLESS, SLIGHT AMMONIA ODOR.

## Stability

Stability Indicator/Materials to Avoid:YES  
ALKALI, STRONG ACIDS, OXIDIZERS.  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:SO\*X, CO\*2, CARBON MONOXIDE, AMMONIA.

## Disposal

Waste Disposal Methods:RECOVER NONUSABLE FREE LIQ &/OR CONTAM WATER & DISPOSE OF IN APPRVD/PERMITTED TREATMENT SYS. REMOVE NONUSABLE SOLID MATL &/OR CONTAM SOIL FOR DISPOSAL IN APPRVD/PERMITTED LANDFILL. DISCHARGE TO SEWER REQUIRES APPROVAL OF PERMITTING (SEE SUPP DATA)

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