

FX-UNIVERSAL FIXER

MSDS Number

BKKPD

National Stock Number

6750-00N014108

Product Name

FX-UNIVERSAL FIXER

Manufacturer

AGFA CORP

Product Identification

Product ID:FX-UNIVERSAL FIXER

MSDS Date:04/01/1988

FSC:6750

NIIN:00N014108

MSDS Number: BKKPD

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

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:NO EFFECTS ASSOCIATED

W/THESE 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, CALL MD. INHAL:REMOVE TO FRESH AIR.SUPPORT BREATHING

(GIVE O*2/ARTIFICIAL RESPIRATION) . INGEST:CALL MD IMMEDIATELY.

Fire Fighting

Flash Point:NONCOMBUSTIBLE

Extinguishing Media:ANY APPLICABLE TO PRIMARY CAUSE OF FIRE.

Fire Fighting Procedures:EVACUATE PERSONNEL TO A SAFE AREA. KEEP

PERSONNEL REMOVED AND 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 AND 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 RESISTANT APRONS.
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 WITH THIS MATERIAL.

Chemical Properties

HCC:N1
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 = 1)
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:OXIDES OF SULFUR, 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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