

AGFA CORPORATION -- FX-UNIVERSAL FIXER -- 6750-01-379-4287

===== Product Identification =====

Product ID:FX-UNIVERSAL FIXER

MSDS Date:07/01/1993

FSC:6750

NIIN:01-379-4287

MSDS Number: BYDFZ

=== Responsible Party ===

Company Name:AGFA CORPORATION

Address:100 CHALLENGER RD

City:RIDGFIELD PARK

State:NJ

ZIP:07660

Country:US

Info Phone Num:201-440-2500

Emergency Phone Num:201-440-2500/212-971-0260

CA

GE:HO792

=== Contractor Identification ===

Company Name:AGFA CORPORATION

Address:100 CHALLENGER ROAD

Box:City:RIDGFIELD PARK

State:NJ

ZIP:07660

Country:US

Phone:201-440-2500

CAGE:HO792

Company Name:AGFA DIVISION, BAYER CORPORATION

Address:100 CHALLENGER ROAD

Box:City:RIDGFIELD PARK

State:NJ

ZIP:07660

Country:US

Phone:201-440-2500

CAGE:0P7P7

Company Name:BAYER CORP / AGFA DIVISION

Address:100 CHALLENGER ROAD

Box:City:RIDGFIELD

State:NJ

ZIP:07660

Country:US

Phone:201-440-2500

CAGE:59735

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Composition/Information on Ingredients  
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Ingred Name:AMMONIUM THIOSULFATE  
CAS:7783-18-8  
RTECS #:XN6465000  
Fraction by Wt: 45-50%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:AMMONIUM HYDROXIDE  
CAS:1336-21-6  
RTECS #:BQ9625000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 35-40%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM SULFITE  
CAS:7757-83-7  
RTE  
CS #:WE2150000  
Fraction by Wt: 10-15%  
Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: EYE/SKIN-MAY CAUSE IRRITATION.  
INHALATION-NORMALLY NO PROBLEM BUT INHALATION OF MIST COULD CAUSE  
RESPIRATORY IRRITATION. INGESTION-MAY CAUSE IRRITATION OF MUCOUS  
MEMBRANES OR DIGESTIVE TRACT. C H  
RONIC: NO EFFECTS ASSOCIATED  
W/THESE MATERIALS.  
Explanation of Carcinogenicity:NOT CARCINOGENIC.  
Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid:EYES: IMMEDIATELY FLUSH W/PLENTY OF RUNNING WATER FOR AT  
LEAST 15 MINUTES. GET MEDICAL ATTENTION. SKIN: FLUSH AFFECTED AREAS  
PROMPTLY W/WATER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING

. IN

CASE OF CONTINUED IRRITATION, CONSULT PHYSICIAN. INHALATION: FOR OVEREXPOSURE, REMOVE TO FRESH AIR. INGESTION: OBTAIN IMMEDIATE MEDICAL ATTENTION.

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Fire Fighting Measures  
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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 SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:

WHEN HEATED TO DECOMPOSITION EMISSION OF TOXIC FUMES OF SO<sub>2</sub> IS POSSIBLE.

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Accidental Release Measures  
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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 and Storage  
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Handling and Storage Precautions: STORE IN WELL-VENTILATED AREA. KEEP CONTAINER TIGHTLY CLOSED. DO NOT STORE WITH INCOMPATIBLE MATERIAL. DO NOT STORE/CONSUME FOOD/DRINK/TOBACCO IN AREA

Other Precautions: AVOID EYE AND SKIN CONTACT.

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Exposure Controls/Personal Protection  
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Respiratory Protection: NONE NEEDED W/WORKING MIXTURES AND NORMAL ROOM VENTILATION (10 CHANGES OF AIR PER HOUR).

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

Protective Gloves: CHEMICAL RESISTANT GLOVES.

Eye Protection: GLASSES WITH SIDE SHIELDS OR GOGGLES.

Other Protective Equipment: CHEMICAL RESISTANT APRONS. DISPOSABLE COVERALLS ARE OPTIONAL, AND DISCARD AFTER USE.

Work Hygienic Practices: WASH HANDS THOROUGHLY AFTER USE AND BEFORE EATING, DRINKING, SMOKING OR USING SANITARY FACILITIES.

Supplemental Safety and Health  
NON-REGULATED.

=====  
Physical/Chemical Properties  
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HCC: N1

Boiling Pt:

B.P. Text:212F,100C

Spec Gravity:1.369

pH:7.60

Solubility in Water:100%

Appearance and Odor:CLEAR AND COLORLESS LIQUID, SLIGHT AMMONIA ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ALKALI, STRONG ACIDS, OXIDIZERS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:OXIDES OF SULFUR, CO2, CARBON MONOXIDE, AMMONIA.

===== Disposal Considerations =====

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Waste Disposal Methods:RECOVER NONUSABLE FREE LIQUID/CONTAMINATED WATER & DISPOSE IN AN APPROVED/PERMITTED TREATMENT SYSTEM; INCINERATION IS RECOMMENDED. REMOVE NONUSABLE SOLID MATERIAL/SOIL, FOR DISPOSAL IN APPROVED/PERMITTED LANDFILL. DISCHARGE TO SEWER REQUIRES APPROVAL

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