

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

CAG

E: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
RTEC
S #: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 HR
ONIC: 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 SO₂ 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.

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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.

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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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