

AGFA CORPORATION -- G-335C INDUSTRIAL X-RAY FIXER PART A -- 6750-01-461-5240

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Product Identification
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Product ID:G-335C INDUSTRIAL X-RAY FIXER PART A

MSDS Date:03/23/1998

FSC:6750

NIIN:01-461-5240

Status Code:A

Kit Part:Y

MSDS Number: CLPGD

=== Responsible Party ===

Company Name:AGFA CORPORATION

Address:100 CHALLENGER RD

City:RIDGEFIELD PARK

State:NJ

ZIP:07660

Country:US

Info Phone Num:2

01-440-2500

Emergency Phone Num:303-623-5716 HEALTH

Resp. Party Other MSDS Num.: 79A

Preparer's Name:R. RUPPEL-KERR

Chemtrec Ind/Phone:(800)424-9300

CAGE:1MVW0

=== Contractor Identification ===

Company Name:AGFA CORPORATION

Address:100 CHALLENGER RD

Box:City:RIDGEFIELD PARK

State:NJ

ZIP:07660

Country:US

Phone:201-440-2500

CAGE:1MVW0

Company Name:BAYER CORP / AGFA DIVISION

Address:100 CHALLENGER ROAD

Box:City:RIDGEFIELD

State:NJ

ZIP:07660

Country:US

Phone:201-440-2500

CAGE:59735

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Composition/Information on Ingredients =====

Ingred Name:AMMONIUM THIOSULFATE
CAS:7783-18-8
RTECS #:XN6465000
Minumum % Wt:45.
Maxumum % Wt:50.

Ingred Name:SODIUM SULFITE
CAS:7757-83-7
RTECS #:WE2150000
Minumum % Wt:1.
Maxumum % Wt:5.

Ingred Name:BORIC ACID
CAS:10043-35-3
RTECS #:ED4550000
Minumum % Wt:1.
Maxumum % Wt:5.

===== Hazards Identification =====

LD50 LC50 Mixture:NO INFORMATION AVAILABLE.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: INHALATION-INHALATION OF AMMONIUM THIOSULFATE & SODIUM SULFITE VAPORS MAY BE IRRITATING TO THE RESPIRATORY TRACT. SULFITES MAY CAUSE AN ALLERGIC REACTION IN SOME ASTHMATICS & SULFITE SENSITIVE INDIVIDUALS. SKIN-AMMONIUM THIOSULFATE & SODIUM SULFITE MAY BE IRRITATING TO THE SKIN. EYE-AMMONIUM THIOSULFATE & SODIUM SULFITE MAY BE IRRITATING TO THE EYES. INGESTION-INGESTION OF SODIUM SULFITE & AMMONIUM THIOSULFATE MAY CAUSE GASTROINTESTINAL IRRITATION. CHRONIC: SKIN-REPEATED OR PROLONGED CONTACT WITH SULFITES MAY CAUSE AN ALLERGIC SKIN REACTION IN SENSITIVE INDIVIDUALS.

Explanation of Carcinogenicity:THE COMPONENTS OF THIS PRODUCT ARE NOT LISTED BY NTP, IARC OR REGULATED AS A CARCINOGEN BY OSHA.

Effects of Overexposure:ACUTE: INHALATION-IRRITATION, SORE THROAT, COUGHING, RUNNY NOSE, ALLERGIC REACTION, BRONCHOCONSTRICTION, SWEATING, FLUSHING,

HIVES, RAPID HEART RATE, DECREASED BLOOD PRESSURE, & ANAPHYLAXIS. SKIN-REDDENING, ITCHING. EYE-IRRITATION, REDDENING, TEARING, STINGING. INGESTION-GASTROINTESTINAL IRRITATION, PAIN, NAUSEA, VOMITING, DIARRHEA, HEADACHE, CONFUSION, DROWSINESS, CNS DEPRESSION, CIRCULATORY FAILURE OR RENAL FAILURE, LIVER &/OR KIDNEY DAMAGE. CHRONIC: INHALATION-PAIN, NAUSEA, VOMITING, DIARRHEA, HEADACHE, CONFUSION & DROWSINESS. SKIN-DERMATITIS. INGESTION-LOSS OF APPETITE, REDDENING OF THE TONGUE, LOSS OF HAIR & KIDNEY INJURY.

Medical Condition Aggravated by Exposure: PERSONS WITH PRE-EXISTING EYE, SKIN OR RESPIRATORY CONDITIONS, KIDNEY OR LIVER DISEASE, AND NERVE DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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First Aid Measures
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First Aid: EYES: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN. SKIN: IN CASE OF CONTACT, REMOVE CONTAMINATED CLOTHING, IMMEDIATELY WASH SKIN WITH PLENTY OF WATER. WASH CLOTHING BEFORE REUSE. CALL A PHYSICIAN IF IRRITATION PERSISTS. INHALATION: IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN. INGESTION: IF SWALLOWED, CALL A PHYSICIAN.

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Fire Fighting Measures
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Flash Point: NONCOMBUSTIBLE
Extinguishing Media: MATERIAL IS NOT COMBUSTIBLE. USE EXTINGUISHING MEDIA SUITABLE FOR OTHER COMBUSTIBLE MATERIALS IN THE AREA.
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 CLEANUP. DIKE SP

ILL. PREVENT LIQUID FROM ENTERING SEWERS,
WATERWAYS OR LOW AREAS. SOAK UP WITH SAWDUST, SAND, OIL DRY OR
OTHER ABSORBENT MATERIAL.

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===== Handling and Storage =====

Handling and Storage Precautions:STORE BETWEEN 40F (4.4C) AND 80F (26C)
PREFERRED STORAGE IS AT 68F (20C). KEEP FROM FREEZING. AVOID EYE
AND SKIN CONTACT, AND STORE IN WELL-VENTILATED AREA. KEEP CONTAINER
CLOSED TIGHTLY CLOSED. DO NOT STORE WITH INCOMPATIBLE MATERIALS.

Other Pr

cautions:DO NOT STORE OR CONSUME FOOD, DRINK OR TOBACCO IN
AREA WHERE THEY MAY BECOME CONTAMINATED WITH THIS MATERIAL. KEEP
OUT OF THE REACH OF CHILDREN. ****UNIT OF ISSUE CONTAINS 2 SETS OF
G335C FIXER/REPLEN ISHER, PART A/B 2X5 QT; EACH SET CONTAINS (1)
PART A (5 QUART BOTTLE), (1) PART B (1 QUART BOTTLE).* ***

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:UNDER NORMAL CONDITIONS OF USE, RESPIRATOR
PROTECTION IS NOT REQUIRED.

IF RESPIRATORS ARE USED, INSTITUTE A
PROGRAM IN ACCORDANCE WITH OSHA STANDARD 29 CFR 1010.134.

Ventilation:USE SUFFICIENT GENERAL ROOM VENTILATION AND/OR LOCAL
EXHAUST TO MAINTAIN AIRBORNE LEVELS OF VAPORS BELOW APPLICABLE
EXPOSURE LIMITS.

Protective Gloves:FOR SKIN PROTECTION USE CHEMICAL RESISTANT GLOVES.

Eye Protection:SPLASH PROTECTION REQUIRED FOR EYES, EYE GLASSES WITH
SIDE SHIELDS OR GOGGLES.

Other Protective Equipment:FOR SKIN PROTECTION USE CHEMICAL RESISTANT
APRONS.

EMERGENCY SHOWERS AND EYE WASH STATIONS SHOULD BE MADE
AVAILABLE. EDUCATE AND TRAIN EMPLOYEES IN THE SAFE USE AND HANDLING
OF THIS PRODUCT.

Supplemental Safety and Health

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===== Physical/Chemical Properties =====

HCC:C3

Boiling Pt:=100.C, 212.F

Spec Gravity:APPROX 1.35

pH:APPROX 5.2

Solubility in Water:SOLUBLE

Appearance and Odor:CLEAR COLORLESS LIQUID; SLIGHT SULFUR DIOXIDE ODOR.

Percent Volatiles by Volume:N/E

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===== Stability and Reactivity D

ata =====

Stability Indicator/Materials to Avoid: YES

STRONG ALKALI, STRONG ACIDS.

Stability Condition to Avoid: NONE KNOWN.

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

Conditions to Avoid Polymerization: WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information: NO ANIMAL TOXICITY INFORMATION AVAILABLE.

===== Ecological Information =====

Ecological: NO ECOLOGICAL INFORMATION AVAILABLE.

OGICAL INFORMATION AVAILABLE.

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

Waste Disposal Methods: RECOVER NONUSABLE FREE LIQUID AND/OR CONTAMINATED WATER, AND DISPOSE OF IN AN APPROVED AND PERMITTED TREATMENT SYSTEM. REMOVE NONUSABLE SOLID MATERIAL AND/OR CONTAMINATED SOIL, FOR DISPOSAL IN APPROVAL OF PERMITTING AUTHORITY AND MAY REQUIRE PRETREATMENT.

===== MSDS Transport Information =====

Transport Information: TECHNICAL SHIPPING NAME: AQUEOUS PHOTOCHEMICAL SOLUTION. PRODUCT LABEL: G-335C INDUSTRIAL X-RAY FIXER PART A. DOT 9 DOMESTIC SURFACE) HAZARD CLASS OR DIVISION: NON-REGULATED. IMO/IMDG CODE (OCEAN): HAZARD CLASS DIVISION NUMBER: NON-REGULATED. ICAO/IATA (AIR) HAZARD CLASS DIVISION NUMBER: NON-REGULATED.

HIPPING NAME: AQUEOUS PHOTOCHEMICAL

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===== Regulatory Information =====

SARA Title III Information: SARA TITLE III: SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE: NONE. SECTION 311/312 HAZARD

RD CATEGORIES:

IMMEDIATE HEALTH HAZARD. SECTION 313 TOXIC CHEMICALS: NONE.

Federal Regulatory Information:OSHA STATUS: THIS PRODUCT IS HAZARDOUS UNDER THE CRITERIA OF THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200. TSCA STATUS: ON TSCA INVENTORY. CERCLA: NONE.

State Regulatory Information:AMMONIUM THIOSUFATE, 10-15%, PENNSLYVANIA HAZARDOUS SUBSTANCE LIST. PENNSYLVANIA ENVIRONMENTAL HAZARDOUS SUBSTANCE LIST, MASSACHUSETTS HAZARDOUS LIST, NEW JERSEY HAZARDOUS

SUBSTANCE LIST. WATER, 80-85 %, PENNSYLVANIA NON-HAZARDOUS PRESENT AT 3% OR GREATER, NEW JERSEY OTHER - INCLUDED IN 5 PREDOMINANT INGREDIENTS >1%. SODIUM SULFITE, 1-5%, PENNSYLVANIA NON-HAZARDOUS PRESENT AT 3% OR GREATER, NEW J ERSEY OTHER - INCLUDED IN 5 PREDOMINANT INGREDIENTS >1%. SODIUM ACETATE, 1-5%, PENNSYLVANIA NON-HAZA RDOUS PRESENT AT 3% OR GREATER, NEW JERSEY OTHER - INCLUDED IN 5 PREDOMINANT INGREDIENTS >1%.

===== Other Information
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