

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:

201-440-2500

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 T

ONGUE, LOSS OF HAIR & KIDNEY INJURY.
Medical Cond 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.

===== First Aid Measures =====

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.

===== Fire Fighting Measures =====

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.

===== Accidental Release Measures =====

Spill Release Procedures: USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT DURING CLEANUP. DIKE S

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

===== 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 P

Precautions: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).* ***

===== 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

===== 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

===== Stability and Reactivity

Data =====

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 ECO

LOGICAL 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.

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

SARA Title III Information: SARA TITLE III: SECTION 302 EXTREMELY

HAZARDOUS SUBSTANCE: NONE. SECTION 311/312 HAZ

ARD 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%.

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Other Information
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