

AGFA DIV OF MILES INC., PHOT IMAGING SYSTEMS -- 597 PROCESS 44FDR-AR FIRST DEVELOPER
REPLENISHER -- 6750-01-379-4066

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

Product ID:597 PROCESS 44FDR-AR FIRST DEVELOPER REPLENISHER

MSDS Date:11/01/1993

FSC:6750

NIIN:01-379-4066

MSDS Number: CCJGQ

=== Responsible Party ===

Company Name:AGFA DIV OF MILES INC., PHOT IMAGING SYSTEMS

Address:100 CHALLENGER RD

City:RIDGEF

IELD PARK

State:NJ

ZIP:07660

Country:US

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

Emergency Phone Num:303-623-5716/800-424-9300(CHEMTREC)

CAGE:NO558

=== Contractor Identification ===

Company Name:AGFA DIV OF MILES INC., PHOT IMAGING SYSTEMS

Address:100 CHALLENGER RD

Box:City:RIDGFIELD PARK

State:NJ

ZIP:07660

Country:US

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

CAGE:NO558

Company Name:AGFA DIVISION, BAYER CORPORATION

Address:100 CHALLENGER ROAD

Box:City:RIDGFIELD PARK

State:NJ

ZIP:07660

Country:US

Phone:2

01-440-2500

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

===== Composition/Information on Ingredients =====

Ingred Name:DIETHYLENE GLYCOL

CAS:111-46-6

RTECS #:ID5950000

Fraction by Wt: 5-10%

Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER

CAS:7732-18-5

S:10117-38-1
RTECS #:WT3530000
Fraction by Wt: 10-15%
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM CARBONATE
CAS:584-08-7
RTECS #:TS7750000
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSOIM HYDROQUINONE MONOSULFONATE
CAS:21799-87-1
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE/SKIN CONTACT:MAY CAUSE IRRIT.
INHAL:NORMALLY NO PROBLEM, BUT INHAL OF MIST COULD CAUSE RESP
IRRIT. INGEST:MAY CAUSE IRRIT OF MUCOUS MEMBRANES OR DIGESTIVE
TRACT. CHRONIC:COMPUTERIZED LITERATURE SEARCH OF NAT DATABASE OF
EACH INGRED DIDN'T YIELD ANY CHRONIC EFFECTS ASSOC W/THESE MATLS.
Explanation of Carcinogenicity:PER MSDS:CARCINOGENICITY
LISTING:NTP/IARC/OSHA:NO.
Effects of Overexposure:EYE/SKIN IRRIT. RESPIRATORY IRRIT. MUCOUS
MEMBRANES OR DIGESTIVE TRACT IRRIT.
Medical Condition Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE:IMMEDIATELY FLUSH W/PLENTY OF RUNNING WATER FOR @LEAST
15MINS.OBTAIN MEDICAL ATTENTION.SKIN:FLUSH PROMPTLY W/WATER FOR
15MINS.REMOVE CONTAMINATED CLOTH.IN CASE OF CONTINUOUS IRRITATION CONSULT
PHYSICIAN.INHAL:FOR OVER-EXPOSURE REMOVE TO FRESH AIR.INGEST:OBTAIN
IMMEDIATE MEDICAL ATTENTION

TN.

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

Flash Point:NON-COMBUSTIBLE

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:NP

Upper Limits:NP

Extinguishing Media:ANY APPLICABLE TO PRIMARY CAUSE OF FIRE.

Fire Fighting Procedures:EVACUATE PERSONNEL TO SAFE AREA.KEEP PERSONNEL REMOVED & UPWIND OF FIRE. WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:FIRE/EXPL HAZ:NONE. WHEN HEATED TO DECOMPOSITION EMISSION OT TOXIC FUMES OF SO2 IS POSSIBLE.

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

Spill Release Procedures:REVIEW FIRE FIGHTING/EXPO CNTRL/PPE SECTIONS OF MSDS BEF PROCEEDING W/CLEAN UP.USE APPORPRIATE PPE DURING CLEANUP.DIKE SPILL.PREVENT LIQ FROM ENTERING SEWERS/WATERWAYS/LOW AREAS.SOAK UP W/SAWDUST/SAND /OIL DRY/OTHER ABSORBENT MATL.SPILL NEUTRALIZE(SUP

Neutralizing Agent:POWDERED CITRIC ACID.

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

Handling and Sto

rage Precautions:AVOID EYE/SKIN CONTACT.STORE IN WELL

VENTI AREA.KEEP CNTNR TIGHTLY CLOSED.DO NOT STORE W/INCOMPATIBLE MATLS.

Other Precautions:DO NOT STORE/CONSUME FOOD/DRINK/TOBACCO IN AREA WHERE THEY MAY BECOME CONTAMINATED W/THIS MATL.NOT EXPECTED TO PRESENT ANY SIGNIFICANT ECOLOGICAL PROBLEMS.

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

Respiratory Protection:NONE NEEDED W/WORKING MIXTURES & NORMAL ROOM VENTILATION (100 CHANGES OF AIR PER HR).

V

entilation:ROOM VENTILATION IS SUFFICIENT.AVOID USE OF PROD IN UNVENTI AREA.ALWAYS CONTROL AIRBORNE LEVELS BEL EXPO GUIDELINES.

Protective Gloves:CHEMICAL RESISTANT GLOVES.

Eye Protection:SPLASH PROT:EYEGASSES W/SIDESHIELD,GOGG

Other Protective Equipment:CHEMICAL RESISTANT APRONS,DISPOSABLE COVERALLS OPTIONAL & DISCARD AFT USE.

Work Hygienic Practices:HMIS:LAUNDER CONTAMIN CLOTH BEF REUSE.

Supplemental Safety and Health

SPILL:W/POWDERED CITRIC ACID. DISPO:OF PERMITTING AUTHORITY & MAY

REQUIRE PRETREATMENT.CERCLA HAZ SUBST:NOT LISTED.SARA TITLE
III:DIETHYLENE GLYCOL 1(10% AS GLYCOL CMPD).

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

HCC:B3

Boiling Pt:=100.C, 212.F

Vapor Pres:N/ESTIMATE

Vapor Density:N/ESTIMATE

Spec Gravity:1.298

pH:10.00

Viscosity:NP

Evaporation Rate & Reference:N/ESTIMATED

Solubility in Water:100% COMPLETE.

Appearance and Odor:CLEAR & LIGHT YELLOW LIQUID, NO ODOR.

Percent Volatiles by Volume:N/ESTI

Corrosion Rate:NP

=====

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, OXIDIZERS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

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

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

Waste Disposal Methods:RECOVER NONUSABLE FREE LIQ &/OR CONTAMIN
WATER.DISPO OF IN APPROVED/PERMITTED TREATMENT SYS;INCINERATION
RECOMMENDED.REVMOVE NONU
SABLE SOLID MATL &/OR CONTAMIN SOIL FOR
DISPO IN APPROVED/PERMITTED LAN DFILL.DISCHARGE TO SEWER REQUIRES
APPROVAL (SUPPL)

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek com

petent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.