

## **G-135 INDUSTRIAL X-RAY DEVELOPER/REPLENISHER(SUPDAT)**

### **MSDS Number**

BXJBZ

### **National Stock Number**

6750-00N058999

### **Product Name**

G-135 INDUSTRIAL X-RAY DEVELOPER/REPLENISHER(SUPDAT)

### **Manufacturer**

AGFA CORP

### **Product Identification**

Product ID:G-135 INDUSTRIAL X-RAY DEVELOPER/REPLENISHER(SUPDAT)

MSDS Date:03/01/1991

FSC:6750

NIIN:00N058999

MSDS Number: BXJBZ

### **Responsible Party**

AGFA CORP

100 CHALLENGER RD

RIDGEFIELD PARK , NJ 07660

US

Emergency Phone: 800-424-9300(CHEMTREC)

Info Phone: 201-440-2500

Cage: HO790

### **Contractor**

BAYER CORP / AGFA DIVISION

RIDGEFIELD, NJ 07660

US

201-440-2500

Cage: 59735

### **Ingredients**

HYDROQUINONE (SARA 302/313) (CERCLA)

CAS: 123-31-9

RTECS: MX3500000

Fraction By Weight: 1-5%

OSHA PEL2 MG/M3

ACGIH TLV: 2 MG/M3

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

POTASSIUM HYDROXIDE (CERCLA)

CAS: 1310-58-3

RTECS: TT2100000

Fraction By Weight: 1-5%

OSHA PELC 2 MG/M3

ACGIH TLV: C 2 MG/M3

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

DIETHYLENE GLYCOL

CAS: 111-46-6

RTECS: ID5950000

Fraction By Weight: 0-1%

OSHA PELN/K

ACGIH TLV: N/K

GLUTARALDEHYDE

CAS: 111-30-8

RTECS: MA2450000

Fraction By Weight: 0-1%

OSHA PELC 0.2 PPM

ACGIH TLV: C 0.2 PPM

## Hazards

LD50 LC50 Mixture:LD50(ORAL,RAT):320 MG/KG

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:MAY CAUSE IRRITATION.

SKIN:MAY CAUSE IRRITATION; MAY CAUSE ALLERGIC REACTION.

INHALATION:NORMALLY NO PROBLEM BUT MIST COULD CAUSE RESPIRATORY IRRITATION. INGESTION:MAY CAUSE IRRITATION OF THE MUCOUS MEMBRANES OR DIGESTIVE TRACT. CHRONIC:ING 2:REPEATED CONTACT CAN CAUSE SKIN SENSITIZATION AND (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZS:ALLERGIC DERMATITIS. CHRONIC OVEREXPOSURE CAN CAUSE ANEMIA AND DISCOLORATION AND CORNEAL OPACITY OF THE EYES. ING 1:EYE CONTACT MAY CAUSE MARKED IRRITATION AND CORNEAL INJURY:PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE SEVERE BURNS; SYSTEMICALLY, THIS MATERIAL MAY PRODUCE RENAL DMG (ACUTE TUBULAR NECROSIS).

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:EYES:IMMEDIATELY FLUSH WITH PLENTY OF RUNNING WATER FOR AT LEAST 15 MINUTES. OBTAIN MEDICAL ATTENTION. SKIN:FLUSH AFFECTED AREAS PROMPTLY WITH 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.

## Fire Fighting

Flash Point:NON COMBUSTIBLE

Extinguishing Media:ANY APPLICABLE TO PRIMARY CAUSE OF FIRE.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT. EVACUATE PERSONNEL TO A SAFE AREA. KEEP PERSONNEL REMOVED AND UPWIND OF FIRE.

Unusual Fire/Explosion Hazard:NONE.

## Accidental Release

Spill Release Procedures:NOTE:REVIEW FIRE & EXPLO AND CTL MEASURES

SECTIONS BEOFRE PROCEEDING W/CLEAN UP. USE APPROP PERSONAL PROT EQUIP DURING CLEAN UP. DIKE SPILL. PVNT LIQ FROM ENTERING SEWERS, WATERWAYS/LOW AREAS. SOAK UP W/SAND, OIL DRY/OTHER ABSORB MATL. Neutralizing Agent:SPILL MAY BE NEUTRALIZED WITH POWDERED CITRIC ACID.

## Handling

Handling and Storage Precautions:STORE IN WELL VENTILATED AREA. KEEP CONTAINER TIGHTLY CLOSED. DO NOT STORE WITH INCOMPATIBLE MATERIALS (SEE REACTIVITY DATA).

Other Precautions:DO NOT STORE OR CONSUME FOOD, DRINK OR TOBACCO IN AREA WHERE THEY MAY BECOME CONTAMINATED WITH THIS MATERIAL.

## Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN . NONE NEEDED WITH WORKING MIXTURES AND NORMAL ROOM VENTILATION.

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

Protective Gloves:CHEMICAL GLOVES.

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .

Other Protective Equipment:CHEMICAL APRONS ARE RECOMMENDED.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

MFR TRADE/PART #:WORKING STRENGTH. SPEC GRAV:1.091 (REPL/DEV) (H\*20=1).

VP:PHYSICAL PROPERTIES SAME AS WATER. VAP DENS:PHYSICAL PROPERTIES

SAME AS WATER. PH:10.30 (REPL)/ 9.95 (DEV). EVAP RATE:PHYSIC AL

PROPERTIES SAME AS WATER. WASTE DISPMETH:TO SEWER REQS APPRVL OF

PERMITTING AUTH AND MAY REQUIRE PRETREATMENT.

## Chemical Properties

Boiling Pt:B.P. Text:212F,100C

Vapor Pres:SUPP DATA

Vapor Density:SUPP DATA

Spec Gravity:SUPP DATA

pH:SUPDAT

Evaporation Rate & Reference:SUPP DATA

Solubility in Water:100% (BY WEIGHT)

Appearance and Odor:CLEAR AND LIGHT YELLOW.

## Stability

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, OXIDIZERS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:OXIDES OF SULFUR, CO\*2, CARBON MONOXIDE.

## Disposal

Waste Disposal Methods:DISP MUST BE I/A/W FED, STATE & LOC REGS . RECOVER NONUSABLE FREE LIQ &/OR CONTAM WATER, & DISP OF IN APPRVD & PERMITTED TREATMENT SYS. REMOVE NONUSABLE SOLID MATL &/OR CONTAM SOIL, FOR DISP IN AN APPRVD & PERMITTED LANDFILL. DISCHARGE (SUPDAT)

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