

G-135 INDUSTRIAL X-RAY DEVELOPER/REPLENISHER WORKING STRENGT

MSDS Number

CCCJZ

National Stock Number

6750-01-399-8232

Product Name

G-135 INDUSTRIAL X-RAY DEVELOPER/REPLENISHER WORKING STRENGT

Manufacturer

AGFA GEVAERT INC FOTO RITE DIV

Product Identification

Product ID:G-135 INDUSTRIAL X-RAY DEVELOPER/REPLENISHER WORKING STRENGT

MSDS Date:04/01/1995

FSC:6750

NIIN:01-399-8232

Kit Part:Y

MSDS Number: CCCJZ

Responsible Party

AGFA-GEVAERT INC, FOTO-RITE DIV

275 NORTH ST

TETERBORO , NJ 07608-1201

US

Emergency Phone: 800-424-9300 CHEMTREC

Info Phone: 201-440-2500

Preparer: TECHNICAL IMAGING SYSTEMS

Cage: 59735

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; 9596

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 85-90%

POTASSIUM SULFITE

CAS: 10117-38-1

RTECS: WT3530000

Fraction By Weight: 5-10%

GLUTARALDEHYDE-BIS-POTASSIUM BISULFITE

CAS: 68310-08-7

Fraction By Weight: 1-5%

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EXPOSURE MAY CAUSE SKIN AND EYE IRRITATION; ALLERGIC SKIN REACTION. INHALATION OF MIST MAY CAUSE RESPIRATORY IRRITATION, ASTHMATIC REACTION POSSIBLE. INGESTION MAY CAUSE IRRITATION OF THE MUCOUS MEMBRANES OR DIGESTIVE TRACT. CHRONIC: PROLONGED OR REPEATED EXPOSURE MAY CAUSE SKIN SENSITIZATION, ALLERGIC DERMATITIS.
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.
Effects of Overexposure:EYES-IRRITATION. SKIN-IRRITATION, ALLERGIC SKIN REACTION, SENSITIZATION. INHALED-IRRITATION, ASTHMATIC REACTION TO SULFUR DIOXIDE. INGESTED-IRRITATION OR BURNING OF DIGESTIVE TRACT.
Medical Condition Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:EYES-IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. OBTAIN MEDICAL ATTENTION. SKIN-REMOVE CONTAMINATED CLOTHES. FLUSH WITH WATER PROMPTLY. OBTAIN MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALED-REMOVE TO FRESH AIR. INGESTED-OBTAIN IMMEDIATE MEDICAL ATTENTION.

Fire Fighting

Flash Point:NONCOMBUSTIBLE
Lower Limits:NONE
Upper Limits:NONE
Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:EVACUATE PERSONNEL TO SAFE AREA. KEEP PERSONNEL REMOVED & UPWIND OF FIRE. WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL FIRE FIGHTER'S PROTECTIVE GEAR.
Unusual Fire/Explosion Hazard:WHEN HEATED TO DECOMPOSITION, EMISSION OF TOXIC FUMES OF SULFUR DIOXIDE IS POSSIBLE.

Accidental Release

Spill Release Procedures:USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT DURING CLEAN-UP.DIKE SPILL.PREVENT LIQUID FROM ENTERING SEWERS,WATERWAYS OR LOW AREAS.SOAK UP WITH SAWDUST,SAND,OIL-DRY OR OTHER ABSORBENT MATERIAL.SPILL MAY BE NEUTRALIZED WITH POWDERED CITRIC ACID.
Neutralizing Agent:POWDERED POWDERED CITRIC ACID.

Handling

Handling and Storage Precautions:DO NOT STORE WITH INCOMPATIBLE MATERIALS. DO NOT STORE OR CONSUME FOOD, DRINK OR TOBACCO IN AN AREA WHERE THEY MAY BECOME CONTAMINATED BY THIS PRODUCT
Other Precautions:KEEP CONTAINER TIGHTLY CLOSED. AVOID SKIN & EYE

CONTACT. STORE IN A WELL-VENTILATED AREA.

Exposure Controls

Respiratory Protection:NONE NORMALLY REQUIRED WITH WORKING MIXTURES AND NORMAL ROOM VENTILATION (10 CHANGES PER HOUR).

Ventilation:ROOM VENTILATION IS SUFFICIENT. AVOID USE IN UNVENTILATED AREAS. KEEP AIRBORNE LEVELS BELOW TLV(S).

Protective Gloves:CHEMICAL RESISTANT-RUBBER, PVC.

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS.

Other Protective Equipment:APRON, DISPOSABLE COVERALLS (OPTIONAL).

DLA-HMIS: EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

KEY1=C4. WORKING SOLUTION FOR 3 PART KIT.

Chemical Properties

HCC:B3

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

Spec Gravity:1.091

pH:10.12

Evaporation Rate & Reference:NOT ESTIMATED

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, YELLOW SOLUTION; NO ODOR.

Stability

Stability Indicator/Materials to Avoid:YES

STRONG ALKALIES.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:OXIDES OF SULFUR, CARBON MONOXIDE AND CARBON DIOXIDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

Disposal

Waste Disposal Methods:RECOVER NONUSABLE FREE LIQUID &/OR CONTAMINATED WATER & DISPOSE OF IN AN APPROVED & PERMITTED TREATMENT SYSTEM. INCINERATION IS RECOMMENDED. REMOVE NONUSABLE SOLID MATERIAL &/OR CONTAMINATED SOIL FOR DISPOSAL AT APPROVED & PERMITTED LANDFILL.

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