

G-135 INDUSTRIAL X-RAY DEVELOPER/REPLENISHER PART C

MSDS Number

CLQGF

National Stock Number

6750-01-461-5235

Product Name

G-135 INDUSTRIAL X-RAY DEVELOPER/REPLENISHER PART C

Manufacturer

AGFA CORP

Product Identification

Product ID:G-135 INDUSTRIAL X-RAY DEVELOPER/REPLENISHER PART C

MSDS Date:04/06/2000

FSC:6750

NIIN:01-461-5235

Status Code:A

Kit Part:Y

MSDS Number: CLQGF

Responsible Party

AGFA CORPORATION

100 CHALLENGER RD

RIDGEFIELD PARK , NJ 07660

US

Emergency Phone: (303) 623-5716 HEALTH

Info Phone: 201-440-2500

Preparer: R. RUPPEL-KERR

Cage: 1MVW0

Contractor

AGFA CORPORATION

RIDGEFIELD PARK, NJ 07660

US

201-440-2500

Cage: 1MVW0

Ingredients

POTASSIUM GLUTARALDEHYDE BISULFITE (1,5-PENTANEDISULFONIC

CAS: 68310-08-7

Hazards

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

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

Health Hazards Acute and Chronic:POTASSIUM GLUTARALDEHYDE BISULFITE:

ACUTE - INHALATION: MAY BE IRRITATING TO THE RESPIRATORY TRACT.

EYE & SKIN CONTACT: MAY CAUSE IRRITATION. INGESTION: NO INFORMATION

PROVIDED. CHRONIC : MAY CAUSE AN ALLERGIC SKIN & RESPIRATORY

REACTION IN SENSITIVE INDIVIDUALS. SENSITIZATION WITH DERMATITIS OR

HIVES MAY OCCUR.

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: MAY BE IRRITATING TO THE
RESPIRATORY TRACT WITH SYMPTOMS OF SORE THROAT, COUGHING, AND RUNNY

NOSE. CHRONIC INHALATION: PERSONS WHO HAVE BEEN PREVIOUSLY SENSITIZED TO SULFITES SHOULD TAKE PRECAUTIONS TO PREVENT INHALATION OF POTASSIUM GLUTARALDEHYDE BISULFITE. ACUTE SKIN CONTACT: MAY BE IRRITATING TO THE SKIN WITH SYMPTOMS OF REDDENING, STINGING AND ITCHING. CHRONIC SKIN CONTACT: MAY CAUSE AN ALLERGIC SKIN REACTION IN SENSITIVE INDIVIDUALS. SENSITIZATION WITH DERMATITIS OR HIVES MAY OCCUR. ACUTE EYE: IRRITATION, REDDENING, STINGING AND TEARING.

Medical Cond Aggravated by Exposure: PERSONS WITH PREEXISTING EYE, SKIN OR RESPIRATORY TRACT DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

First Aid

First Aid: EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN. SKIN: 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

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 OXIDES OF SULFUR CAN BE GENERATED.

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 SODIUM CARBONATE.

Neutralizing Agent: SPILL MAY BE NEUTRALIZED WITH POWDERED SODIUM CARBONATE.

Handling

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 TIGHTLY CLOSED.

Other Precautions: DO NOT STORE WITH INCOMPATIBLE MATERIALS. DO NOT STORE OR CONSUME FOOD, DRINK OR TOBACCO IN AREA WHERE THEY MAY BECOME CONTAMINATED WITH THIS MATERIAL. KEEP OUT OF REACH OF CHILDREN.

Exposure Controls

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: USE CHEMICAL RESISTANT GLOVES.

Eye Protection: 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

PART C OF A 4 PART MSDS, SAME NSN.

Chemical Properties

HCC:B3
Boiling Pt: =105.C, 221.F
Melt/Freeze Pt: =-10.C, 14.F
Spec Gravity: APPROX. 1.24
pH: APPROX. 2.5
Solubility in Water: SOLUBLE
Appearance and Odor: LIGHT YELLOW LIQUID; ODORLESS.

Stability

Stability Indicator/Materials to Avoid: YES
STRONG ALKALI, OXIDIZERS, METALS.
Stability Condition to Avoid: NONE KNOWN.
Hazardous Decomposition Products: IN CASE OF FIRE OXIDES OF CO₂, CARBON MONOXIDE AND OTHER POTENTIALLY TOXIC FUMES CAN BE GENERATED DUE TO THERMAL DECOMPOSITION.
Conditions to Avoid Polymerization: WILL NOT OCCUR.

Disposal

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 AN APPROVED AND PERMITTED LANDFILL. DISCHARGE TO SEWER MAY REQUIRE APPROVAL OF PERMITTING AUTHORITY AND MAY REQUIRE PRETREATMENT.

Toxicology

Toxicological Information: NO ANIMAL TOXICITY DATA AVAILABLE.

Other Information

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.

Ecology

Ecological: NO INFORMATION AVAILABLE.

Transport

Transport Information: NOT REGULATED BY ALL MODES OF TRANSPORTATION.

Regulatory

SARA Title III Information: CERCLA RQ: NONE. SEC 302 EHS: NONE. SC 313 TOXIC CHEMICALS: NONE. RCRA STATUS.: IF DISCARDED IN ITS PURCHASED FORM, THIS PRODUCT IS NOT A RCRA HAZARDOUS WASTE EITHER BY LISTING OR BY CHARACTERISTICS.
Federal Regulatory Information: TSCA INVENTORY STATUS: THIS MATERIAL IS LISTED ON THE TSCA INVENTORY. OSHA STATUS: THIS PRODUCT IS HAZARDOUS UNDER THE CRITERIA OF THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200.
State Regulatory Information: THE INGREDIENTS ARE LISTED BY THE FOLLOWING STATES: PA AND NJ.