

AGFA CORPORATION -- G-135 INDUSTRIAL X-RAY DEVELOPER/REPLENISHER PART C --  
6750-01-461-5235

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Product Identification  
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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 ===

Company Name:AGFA CORPORATION

Address:100 CHALLENGER RD

City:RIDGFIELD PARK

State:NJ

ZIP:07

660

Country:US

Info Phone Num:201-440-2500

Emergency Phone Num:(303) 623-5716 HEALTH

Resp. Party Other MSDS Num.:24642

Preparer's Name:R. RUPPEL-KERR

Chemtec Ind/Phone:(800)424-9300

CAGE:1MVW0

=== Contractor Identification ===

Company Name:AGFA CORPORATION

Address:100 CHALLENGER RD

Box:City:RIDGFIELD PARK

State:NJ

ZIP:07660

Country:US

Phone:201-440-2500

CAGE:1MVW0

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Composition/Information on Ingredients  
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Ingred Name:POTASSIUM GLUTARALDEHYDE BISULFITE (1,5-PENTANE

DISULFONIC  
ACID, 1,5-DIHYDROXY-, DIPOTASSIUM SALT)

CAS:68310-08-7

Minimum % Wt:50.

Maximum % Wt:55.

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

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

PR

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  
SENSITI

ZED 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, REDNING,  
STINGING AND TEARING.

Medical Cond Aggravated by Exposure:PERSONS WITH PREEXISTING EYE, SKIN  
OR RESPIRAT

ORY TRACT DISORDERS MAY BE MORE SUSCEPTIBLE TO THE  
EFFECTS OF THIS PRODUCT.

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

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  
RES

PIRATION. 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.

Unu

sual Fire/Explosion Hazard:WHEN HEATED TO DECOMPOSITION OXIDES OF SULFUR CAN BE GENERATED.

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

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 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 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/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 CFR1010.134.

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.

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

HCC:B3

Boiling Pt:=105.C, 221.F

Melt/Freeze P

t:=-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 and Reactivity Data =====

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 CO<sub>2</sub>, CARBON MONOXIDE AND OTHER POTENTIALLY TOXIC FUMES CAN BE GENERATED DUE TO THERMAL DECOMPOSITION.

Condi

tions to Avoid Polymerization:WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information:NO ANIMAL TOXICITY DATA AVAILABLE.

===== Ecological Information =====

Ecological:NO 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 AN APPROVED AND PERMITTED LANDFILL. DISCHARGE TO SEWER MAY REQUIRE APPROVAL OF PERMITTING AUTHORITY AND MAY REQUIRE PRETREATMENT.

===== MSDS Transport Information =====

Transport Information:NOT REGULATION BY ALL MODES OF TRANSPORTATION.

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

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.

===== Other Information =====

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