View NSN Online: https://aerobasegroup.com/nsn/6750-01-461-5235

AGFA CORPORATION -- G-135 INDUSTRIAL X-RAY DEVELOPER/REPLENISHER PART A 6750-01-461-5235 Product ID:G-135 INDUSTRIAL X-RAY DEVELOPER/REPLENISHER PART A MSDS Date:03/24/2000 FSC:6750 NIIN:01-461-5235 Status Code:A Kit Part:Y **MSDS Number: CLQFG** === Responsible Party === **Company Name: AGFA CORPORATION** Address:100 CHALLENGER RD City:RIDGEFIELD 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.:33428 Preparer's Name:S. VAN VOLKENBURG Chemtrec Ind/Phone:(800)424-9300 CAGE:1MVW0 === Contractor Identification === Company Name: AGFA CORPORATION Address:100 CHALLENGER RD Box:City:RIDGEFIELD PARK State:NJ ZIP:07660 Country:US Phone:201-440-2500 CAGE:1MVW0

Ingred Name:HYDROQUINONE CAS:123-31-9 RTECS #:MX3500000 M inumum % Wt:5. Maxumum % Wt:10. OSHA PEL:2 MG/M3 ACGIH TLV:2 MG/M3 EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB

Ingred Name:POTASSIUM BROMIDE CAS:7758-02-3 RTECS #:TS7650000 Minumum % Wt:1. Maxumum % Wt:5.

Ingred Name:POTASSIUM SULFITE CAS:10117-38-1 Minumum % Wt:15. Maxumum % Wt:20.

Ingred Name:SODIUM TETRABORATE CAS:1303-96-4 RTECS #:VZ2275000 Minumum % Wt:1. Maxumum % Wt:5. ACGIH TLV:5 MG/M3

Routes of Entry: Inhalation:YES Skin:Y

ES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: EXPOSURE MAY CAUSE EYE, SKIN & RESPIRATORY TRACT IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. INGESTION MAY CAUSE IRRITATION OF GI TRACT. SULFITE SENSITIVE PERSONS MAY SUFFER ALLERGIC REACTION . CHRONIC: PROLONGED/ REPEATED EXPOSURE MAY CAUSE SKIN SENSITIZATION/ DERMATITIS, ANEMIA, INTOLERANCE TO LIGHT, CORNEAL PIGMENTATION, SOME ASTHMATICS AND SULFITE SENSITIVE

PERSONS MAY SUFFER ALLERGIC REACTIONS.

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: HYDROQUINONE, POTASSIUM SULFITE, AND POTASSIUM BROMIDE MAY CAUSE IRRITATION WITH SYMPTOMS OF COUGHING, SORE THROAT, AND RUNNY NOSE. CHRONIC INHALATION: SULFITES MAY CAUSE AN ALLERGI C REACTION IN SOME ASTHMATICS AND SULFITE SENSITIVE INDIVIDUALS. POSSIBLE SYMPTOMS INC LUDE

BRONCHOCONSTRICTION, SWEATING, FLUSHING, HIVES, RAPID HEART RATE, DECREASED BLOOD PRESSURE, AND ANAPHYLAXIS. PROLONGED INHALATION OF POTASSIUM BROMIDE MAY CAUSE SKIN ERUPTIONS. ACUTE SKIN CONTACT: HYDROQUINONE, POTASSIUM SULFITE, ANDPOTASSIUM BROMIDE MAY BE IRRITATING TO THE SKIN WITH SYMPTOMS OF REDDENING A ND ITCHING. Medical Cond Aggravated by Exposure:PERSONS WITH PREEXISTING EYE OR SKIN CONDITIONS OR IMPAIRED PULMONARY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE

EFFECTS OF THIS PRODUCT.

First Aid:EYE: IMMEDIATELY FLUSH EYES 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: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHY SICIAN.

INGESTION: DRINK 1-2 GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SEEK MEDICAL ATTENTION. TAKE THIS MSDS TO PHYSICIAN.

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 FI RE. WEAR SELF-CONTAINED BREATHING APPARATUS.

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: SPILL MAY BE NEUTRALIZED WITH POWDERED CITRIC ACID.

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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. DO NOT STOR E WITH INCOMPATIBLE MATERIALS.

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

N.

======= 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 29CFR1010.134.
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:EMERGENCY SHOWERS AND EYE WASH STATIONS SHOULD BE MADE AVAILABLE. EDUCATE AND TRAIN EMPLOYEES IN THE SAFE USE AND HANDLING OF THIS PRODUCT. FOR SKIN PROTECTION USE CHEMICAL RESISTANT APRONS.
Supplemental Safety and Health PART A OF A 4 PART KIT. SAME NSN.

## HCC:B3

Boiling Pt:=100.C, 212.F B.P. Text:APPROX. Melt/Freeze Pt:=0.C, 32.F M.P/F.P Text:APPROX. Spec Gravity :APPROX. 1.3 pH:APPROX. 11.9 Solubility in Water:SOLUBLE Appearance and Odor:CLEAR LIGHT YELLOW LIQUID; ODORLESS

Stability Indicator/Materials to Avoid:YES STRONG ACIDS, OXIDIZERS. Stability Condition to Avoid:NONE KNOWN. Hazardous Decomposition Products:IN CASE OF FIRE, OXIDES OF SULFUR, CO2, CARBON MONOXIDE AND OTHER POTENTIALLY TOXIC FUMES. Conditions to Avoid Polymerization:WILL NOT OCCUR.

====== Toxicol

ogical Information ================

Toxicological Information:HYDROQUINONE: LD50 ORAL RAT = 320 MG/KG, SKIN EFFECTS: 2% - MILD (HUMAN), 5% - SEVERE (HUMAN). ORAL LDL0 (HUMAN) = 29 MG/KG. CHRONIC TOXICITY: ADVERSE KIDNAY EFFECTS HAVE BEEN OBSERVED PRIMARILY IN O NE STRAIN OF MALE RAT (F-344) FOLLOWING CHRONIC ADMINISTRATION OF ORAL DOSES. CARCINOGENICITY: FORMATION OF BENIGN KIDNEY TUMORS OCCURRED ONLY AFTER NEPHROPATHY DEVELOPED AND ONLY IN ONE STRAIN OF MAL E RATS.

MUTAGENICITY: AMES TEST WAS

NEGATIVE. DEVELOPMENTAL TOXICITY:HAS NOT CAUSED BIRTH DEFECTS. REPRODUCTIVE EFFECTS: HAS NOT CAUSED REPRODUCTIVE EFFECTS IN MALE AND FEMALE ANIMALS.

Ecological:NO INFO AVAILABLE.

Waste Disposal Methods:RECOVER NONUSABLE FREE LIQUID AND/OR CONTAMINATED WATER, AND DISPOSE OF IN AN APPROVED AND PERMITTED TREATME

NT SYSTEM. REMOVE NONUSABLE SOLID MATERIAL AND/OR CONTAMINATED SOIL, FOR DISPOSAL IN AN APPR OVED AND PERMITTED LANDFILL. DISCHARGE TO SEWER MAY REQUIRE APPROVAL OF PERMITTING AUTHORITY AND MAY REQUIRE PRETREATMENT.

Transport Information:NOT REGULATED BY ALL MODES OF TRANSPORTATION.

SARA Title III Information: SEC 302 EHS: HYDROQUINONE 5-10%. S EC 311/312

HAZ CATEGORIES: IMMEDIATE AND DELAYED HEALTH HAZARDS. SEC 313 TOXIC CHEMICALS:HYDROQUINONE 5-10%. RCRA STATUS: IF RELEASED IN ITS PURCHASED FORM, THIS PROD UCT WOULD NOT BE A HAZARDOUS WASTE EITHER BY LISTING OR BY CHARACTERISTICS.

- Federal Regulatory Information:TSCA INVENTORY STATUS: 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 Regulator

## y Information:INGREDIENTS ARE LISTED BY THE FOLLOWING STATES: NJ, PA, MA.

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