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EASTMAN KODAK COMPANY -- 821 4637 FLEXICOLOR BLEACH III REPLENISHER, PART A -- 6750-01-048-4560

============= Product Identification ========================

Product ID:821 4637 FLEXICOLOR BLEACH III REPLENISHER, PART A

MSDS Date:11/22/1996

FSC:6750

NIIN:01-048-4560

MSDS Number: BVQBK === Responsible Party ===

Company Name: EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY ZIP:14650 Country:US Info Phone

Num:716-477-3194/MSDS 800-242-2424 Emergency Phone Num:716-722-5151

CAGE:19139

=== Contractor Identification ===

Company Name: EASTMAN KODAK CO GOVERNMENT MARKETS CONTRACTS

Address:343 STATE ST Box:City:ROCHESTER

State:NY

ZIP:14650-1115 Country:US

Phone:716-722-5151/(800) 242-2424

CAGE:19139

Company Name: EASTMAN KODAK CO US CUSTOMER SERVICE/GOVERNMENT SALES

Address:800 LEE RD Box:City:ROCHESTER

State:NY

ZIP:14650-3129 Country:US

Phone:800-828-6203

CAGE:5K871

====== Composition/Informati

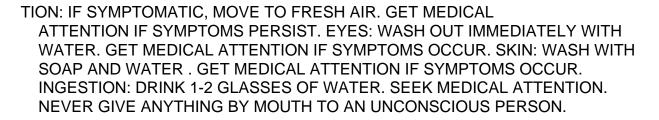
on on Ingredients ======= Ingred Name:WATER CAS:7732-18-5 RTECS #:ZC0110000 Fraction by Wt: 70-75% Other REC Limits: NONE RECOMMENDED Ingred Name: AMMONIUM ACETATE (SARA III) CAS:631-61-8 RTECS #:AF3675000 Fraction by Wt: 10-15% Other REC Limits: NONE RECOMMENDED EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS Ingred Name: AMMONIUM BROMIDE CAS:12124-97-9 RTECS #:BO9170000 Fraction by Wt: 10-15% Other REC Limits: NONE RECOMMENDED Ingred Name: ACETIC ACID (SARA III) CAS:64-19-7 RTECS #:AF1225000 Fraction by Wt: 5-10% Other REC Limits: NONE RECOMMENDED **OSHA PEL:10 PPM** ACGIH TLV:10 PPM/15 STEL; 9394 EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS LD50 LC50 Mixture: ORAL LD50 (RAT): NOT GIVEN Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic: EXPECTED TO BE A LOW INHALATION HAZARD FOR RECOMMENDED HANDLING, VAPOR MAY BE IRRITATING, CAUSE **SEYE** IRRITATION. LOW SKIN CONTACT HAZARD FOR RECOMMENDED HANDLING.

EXPECTED TO BE A LOW INGESTION HAZARD.

Explanation of Carcinogenicity: THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure: EYE IRRITATION, RESPIRATORY TRACT IRRITATION. Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: INHALA



========= Fire Fighting Measures ==============

Flash Point:NONFLAMMABLE Lower Limits:NOT GIVEN

Upper

Limits:NOT GIVEN

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL FOAM

Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSTION PRODUCTS.

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

Spill Release Procedures:FLUSH TO SEWER IF ALLOWABLE WITH LARGE AMOUNTS OF WATER. OTHERWISE, ABSORB SPILL WITH VERMICULITE OR OTHER INERT

MATERIAL, THEN PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE TO REMOVE RESIDUA L CONTAMINATION.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

=========== Handling and Storage =============

Handling and Storage Precautions:AVOID CONTACT WITH EYES. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. USE WITH ADEQUATE VENTILATION. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:KEEP AWAY FROM INCOMPATIBLE MATERIALS. KEEP FROM CONTACT WITH O

XIDIZING MATERIALS.

====== Exposure Controls/Personal Protection ========

Respiratory Protection:NONE SHOULD BE NEEDED. A FULL-FACE POSITIVE-PRESSURE AIR-SUPPLIED RESPIRATOR MUST BE WORN IF HAZARDOUS DECOMPOSITION PRODUCTS ARE LIKELY TO BE RELEASED OR HAVE BEEN RELEASED.

Ventilation: GOOD GENERAL VENTILATION, TYPICALLY 10 AIR CHANGES PER HOUR, SHOULD BE USED. RATES SHOULD MATCH CONDITIONS.

Protective Gloves: IMPERVIOUS

Eye Protection: SAFETY GLASSES W/SIDE SHIELDS OR

## GOGGLES

Other Protective Equipment: CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices: WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. KEY1:C3.

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

HCC:C3

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

Mel

t/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:18 Vapor Density:0.6 Spec Gravity:1.09

pH:4.9

Evaporation Rate & Dr. Reference: NOT GIVEN

Solubility in Water: COMPLETE

Appearance and Odor: COLORLESS LIQUID, STRONG VINEGAR ODOR

Percent Volatiles by Volume:70-75%

======== Stability and Reactivity Data ==========

Stability Indicator/Materials to Avoid:YES

BASES, SODIUM HYPOCHLORITE (BLEACH), STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardo

us Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN, HYDROGEN BROMIDE, AMMONIA, CHLORAMINE.

======= Disposal Considerations ===========

Waste Disposal Methods:DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO NATIONAL, STATE OR LOCAL LAWS. MAY REQUIRE NEUTRALIZATION IF PH < 2.0 OR PH > 12.5. DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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