

EASTMAN KODAK COMPANY -- 889 8785,B,EKTACOLOR PRIME BLEACH FIX (SEE SUPPL DATA) --  
6750-01-387-5735

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

Product ID:889 8785,B,EKTACOLOR PRIME BLEACH FIX (SEE SUPPL DATA)

MSDS Date:07/13/2000

FSC:6750

NIIN:01-387-5735

Status Code:A

Kit Part:Y

MSDS Number: CKTSQ

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:

NY

ZIP:14650

Country:US

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

Emergency Phone Num:716 722-5151

Preparer's Name:NOT PROVIDED

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

===== Composition/Information on Ingredients =====

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Minimum % Wt:80.

Maximum %

Wt:85.  
Other REC Limits:NOT PROVIDED  
Code:F  
Code:F

Ingred Name:AMMONIUM FERRIC ETHYLENEDIAMINETETRAACETIC ACID  
CAS:21265-50-9  
Minumum % Wt:10.  
Maxumum % Wt:15.  
Other REC Limits:NOT PROVIDED  
OSHA PEL:NOT PROVIDED  
ACGIH TLV:NOT PROVIDED

Ingred Name:ACETIC ACID  
CAS:64-19-7  
RTECS #:AF1225000  
Minumum % Wt:1.  
Maxumum % Wt:5.  
Other REC Limits:NOT PROVIDED  
OSHA PEL:25 MG/M3;10 PPM  
ACGIH TLV:25 MG/M3;10 PPM  
ACGIH STEL:37 MG/M3;15 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:DIAMMONIUM ET  
HYLENEDIAMINETETRAACETIC ACID  
CAS:20824-56-0  
&lt; Wt:1.  
Other REC Limits:NOT PROVIDED  
OSHA PEL:NOT PROVIDED  
ACGIH TLV:NOT PROVIDED

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

LD50 LC50 Mixture:NOT PROVIDED  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EFFECTS OF EXPOSURE: INHALATION:  
EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING. EYES: NO  
SPECIFIC HAZARD KNOWN. MAY CAUSE TRANSIENT IRRITATION. SKIN: LOW  
HAZARD F

OR RECOMMENDED HANDLING. INGESTION: EXPECTED TO BE A LOW INGESTION HAZARD.

Explanation of Carcinogenicity: CARCINOGENICITY CLASSIFICATION (COMPONENTS PRESENT AT 0.1% OR MORE): - INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC): NONE - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH): NONE - NATIONAL TOXICOLOGY PROGRAM (NTP): NONE - OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA): NONE

Effects of Overexposure: EYES: MAY CAUSE TRANSIENT IRRITATION.

Medical Condition Aggravated by Exposure: NOT PROVIDED

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

First Aid: INHALATION: IF SYMPTOMATIC, MOVE TO FRESH AIR. TREAT SYMPTOMATICALLY. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES: ANY MATERIAL THAT CONTACTS THE EYE SHOULD BE WASHED OUT IMMEDIATELY WITH WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. SKIN: WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. INGESTION: DRINK 1-2 GLASSES OF WATER. R. SEEK MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point: NONE  
Extinguishing Media: WATER SPRAY, CARBON DIOXIDE (CO2), DRY CHEMICAL, ALCOHOL FOAM.  
Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.  
Unusual Fire/Explosion Hazard: NONE

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

Spill Release Procedures: FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER. OTHERWISE, ABSORB SPILL WITH VERMICULITE OR OTHER INERT MATERIAL, THEN PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.  
Neutralizing Agent: NOT PROVIDED

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

Handling and Storage Precautions: KEEP CONTAINER TIGHTLY CLOSED. KEEP AWAY FROM INCOMPATIBLE SUBSTANCES. KE

EP FROM CONTACT WITH OXIDIZING MATERIALS.

Other Precautions:AVOID BREATHING VAPOR AT CONCENTRATIONS GREATER THAN THE EXPOSURE LIMITS. AVOID CONTACT WITH EYES AND PROLONGED OR REPEATED CONTACT WITH SKIN. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HAND LING.

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

Respiratory Protection:IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS, AN APPROVED RESPI

RATOR MUST BE WORN. RESPIRATOR TYPE: FULL-FACE ORGANIC VAPOR CARTRIDGE. IF RESPIRATORS ARE USED, A PROGRAM SHOULD BE INSTITUTED TO ASSURE COMPLIANCE WITH OSHA STANDARD 29 CFR 1910.134.

Ventilation:GOOD GENERAL VENTILATION (TYPICALLY 10 AIR CHANGES PER HOUR) SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS.

Protective Gloves:FOR PROLONGED OR REPEATED SKIN CONTACT: IMPERVIOUS GLOVES SHOULD BE WORN.

Eye Protection:WEAR SAFETY GLASSES WITH SIDE SHIELDS (OR GOGGLES).

Other Protective Equipment:EYE BATH, SAFETY SHOWER, WASHING FACILITIES.

Work Hygienic Practices:IT IS A GOOD INDUSTRIAL HYGIENE PRACTICE TO MINIMIZE EYE CONTACT. IT IS A GOOD INDUSTRIAL HYGIENE PRACTICE TO MINIMIZE SKIN CONTACT.

Supplemental Safety and Health

CONTINUED FROM PRODUCT ID: AND REPLENISHER. B = PART B. SUPPLEMENTARY LOCAL EXHAUST VENTILATION, CLOSED SYSTEMS, OR RESPIRATORY PROTECTION MAY BE NEEDED IN SPECIAL CIRCUMSTANCES SUCH AS POORLY VENTILATED SPACES, EV

APORATION FROM LARGE SURFACES, SPRAYING, HEATING, ETC.

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:>100.C, 212.F

Melt/Freeze Pt:M.P/F.P Text:NOT PROVIDED

Decomp Temp:Decomp Text:NOT PROVIDED

Vapor Pres:(68F): 24 MBAR (18 MM HG)

Vapor Density:0.6

Spec Gravity:1.077

pH:5.5

Viscosity:NOT PROVIDED

Evaporation Rate & Reference:NOT PROVIDED

Solubility in Water:COMPLETE

Appearance and Odor:DARK RED LIQUID ODOR: SLIGHT A

MMONIA

Percent Volatiles by Volume:80-85 WT

Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES

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

Stability Condition to Avoid:NOT PROVIDED

Hazardous Decomposition Products:AMMONIA, CHLORAMINE, CARBON DIOXIDE,  
CARBON MONOXIDE, OXIDES OF NITROGEN.

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

Toxicological Information:EFFEC

TS OF EXPOSURE: INHALATION: EXPECTED TO

BE A LOW HAZARD FOR RECOMMENDED HANDLING. EYES: NO SPECIFIC HAZARD  
KNOWN. MAY CAUSE TRANSIENT IRRITATION. SKIN: LOW HAZARD FOR  
RECOMMENDED HANDLING. INGEST ION: EXPECTED TO BE A LOW INGESTION  
HAZARD.

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

Ecological:THE FOLLOWING PROPERTIES ARE ESTIMATED FROM THE COMPONENTS  
OF THE PREPARATIONS. POTENTIAL TOXICITY: FISH LC50 MG/L: >100.  
DAPHNID EC50 MG/L: 10-100.

ALGAL IC50 MG/L: >100. ORGANICS

READILY DEGR ADABLE (>70%): YES (7 DAYS). POTENTIAL  
BIOACCUMULATION: LOG POW 100.

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

Waste Disposal Methods:DISCHARGE, TREATMENT, OR DISPOSAL MAY BE SUBJECT  
TO NATIONAL, STATE, OR LOCAL LAWS. FLUSH TO SEWER WITH LARGE  
AMOUNTS OF WATER.

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

Transport Information:FOR TRANSPORTATION INFORMATION REGARDING THIS  
PROD

UCT CALL THE KODAK WORLDWIDE TRANSPORTATION HAZMAT HOT LINE:  
(716) 722-2400 BETWEEN 8 A.M. AND 5 P.M. (EASTERN STANDARD  
TIME), MONDAY THROUGH FR IDAY.

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

SARA Title III Information:CHEMICAL(S) SUBJECT TO THE REPORTING  
REQUIREMENTS OF SECTION 313 OR TITLE III OF THE SUPERFUND  
AMENDMENTS AND REAUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR  
PART 372: AMMONIUM THIOSULFATE, AMMONIUM SULFITE, AMMONIUM  
B

ISULFITE (AS CHEMICAL SOURCE OF AQUEOUS AMMONIA)

Federal Regulatory Information:NOT PROVIDED

State Regulatory Information:MATERIAL(S) KNOWN TO THE STATE OF  
CALIFORNIA TO CAUSE CANCER: NONE - MATERIAL(S) KNOWN TO THE STATE  
OF CALIFORNIA TO CAUSE ADVERSE REPRODUCTIVE EFFECTS: NONE  
(METAL)

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

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