

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:N

Y

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

Minumum % Wt:80.

Maxumum %

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 ETHYLENEDIAMINETETRAACETIC 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 FO

R 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  
. SEEK MEDICAL  
ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point: NONE  
Extinguishing Media: WATER SPRAY, CARBON DIOXIDE (CO<sub>2</sub>), 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. KEEP

P 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.

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

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

ATOR MUST BE WORN. RESPIRATOR TYPE: FULL-FACE ORGANIC VAPOR CARTRIDGE. IF RESPIRATO RS 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 GOGGLE S).

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 VENTILA TED SPACES, EVA PORATION FROM LARGE SURFACES, SPRAYING, HEATING, ETC.

===== 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 AM

MONIA  
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:EFFECT  
S 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. A  
LGAL 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  
PRODU

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

===== 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  
BI

SULFITE (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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