

EASTMAN KODAK COMPANY -- 847 1484 EKTACOLOR RA BLEACH FIX & REPLENISHER, PART B --
6750-01-319-5407

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

Product ID:847 1484 EKTACOLOR RA BLEACH FIX & REPLENISHER, PART B

MSDS Date:10/17/1997

FSC:6750

NIIN:01-319-5407

MSDS Number: BTTCN

=== 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

===== Composit

ion/Information on Ingredients =====

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 70-75%
Other REC Limits:NONE RECOMMENDED

Ingred Name:FERRIC AMMONIUM ETHYLENEDIAMINETETRAACETIC ACID
CAS:21265-50-9
Fraction by Wt: 20-25%
Other REC Limits:NONE RECOMMENDED

Ingred Name:ACETIC ACID (CERCLA)
CAS:64-19-7
RTECS #:AF1225000
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 PPM
ACGIH TLV:10 PPM/15 STEL; 9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHAL:EXPECTED TO BE LOW HAZ FOR
RECOMMENDED HNDLG.EYES:NO SPECIFIC HAZ KNOWN.MAY CAUSE TRANSIENT
IRRIT.SKIN:LOW HAZ FOR RECOMMENDED HNDLG.INGEST:EXPECTED TO BE LOW
INGESTION HAZ.
Explanation of Carcinogenicity:PER MSDS:CARCINOGE
NICITY
CLASSIFICATION:IARC/ACGIH/NTP/OSHA:NONE.
Effects of Overexposure:TRANSIENT EYE IRRIT.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHAL:IF SYMPTOMATIC MOVE TO FRESH AIR.TREAT
SYMPTOMATICALLY.GET MED ATTN IF SYMPTOMS PERSIST.EYES:ANY MATL THAT
CONTACTS EYE SHOLD BE WASHED OUT IMMED W/WATER.SYMPTOMS OCCUR GET
MED ATTN.SKIN:WASH W/ SOAP & WATER.GET MED ATTN IF SYMPTOMS

OCCUR.INGEST:DRINK 1-2 GLASSES OF WATER.SEEK MED ATTN.NEVER GIVE ANYTHING BY MOUTH TO UNCONSC PERSON.

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

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:NP

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE (CO2), DRY CHEMICAL, ALCOHOL FOAM.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.

Unusual F

ire/Explosion Hazard:NONE.

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

Spill Release Procedures:FLUSH TO SEWER W/LG AMTS OF WATER.OTHERWISE ABSORB W/VERMICULITE OR OTHER INERT MATERIAL, THEN PLACE IN CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID PROL/REP BREA TH MIST/VAP.AVOID

CONTACT W/EYES,PORL/REP CONTACT W/SKIN.USE W/ADEQU VENTI.KEEP FRM CONTACT W/OXIDIZING MATLS.KEEP CNTNR TIGHT CLSD

Other Precautions:KEEP AWAY FRM INCOMPA SUBST.PROPERTIES:LOW BIOCHEM OXY DEMAND,LITTLE POT TO CAUSE OXY DEPLETION IN AQU SYS,LOW POT TO AFFECT AQU ORGANISMS,LOW POT TO AFFECT 2ND WASTE TREAT MICROB METAB,MOD POT TO AFF ECG GERM/EARLY GROWTH OF SOME (SUPPLEME)

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

Respiratory Protec

tion:NONE SHOULD BE NEEDED.FULL-FACE

POSITIVE-PRESSURE AIR-SUPPL RESP MUST BE WORN IF HAZ DECOMPO PRODS LIKELY TO BE RELEASED OR HAVE BEEN RELEASED.SEE STABILITY/REACTIVITY SEC.RESP USED INSTITUTE PROGRAM TO ASSURE COMPLIANCE W/29CFR1910.134.

Ventilation:GOOD GENERAL VENTILATION (TYPICALLY 10 AIR CHANGES/HR)

SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS, GOGGLES.

Other Prote

ctive Equipment:EYEBATH, WASHING FACILITIES.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.GOOD INDUSTRIAL HYGIENE PRACTICE TO MIN SKIN/EYE CONTACT.

Supplemental Safety and Health

OTHER PRECAUT:PLANTS,LOW POT TO AFFECT GROWTH OF SOME PLANT SEEDLINGS,LOW POT TO BIOCONCEN.DIL W/LG AMT OF H2O/2ND WASTE TREAT MATL NOT EXPECTED TO CAUSE ADVERSE ENVIRO EFFECTS. THIS NSN ONLY FOR PART B;PNIND:W WORK SOLN;SEE NSN 6750-01-319-4154 FOR PART A.TO MAKE 25 GALLONS.

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

HCC:N1

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

Melt/Freeze Pt:M.P/F.P Text:NP

Decomp Temp:Decomp Text:NP

Vapor Pres:18

Vapor Density:0.6

Spec Gravity:1.10

pH:5.6

Viscosity:NP

Evaporation Rate & Reference:NP

Solubility in Water:COMPLETE

Appearance and Odor:LIQUID, REDDISH-BROWN COLOR, SLIGHT AMMONIA ODOR

Percent Volatiles by Volume:70-75

Corrosion Rate:NP

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

Stability Indicato

r/Materials to Avoid:YES

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

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:HAZ COMBUST PROD:CO,CO2,OXIDES OF NITROGEN.HAZ DECOMPO PROD:AMMONIA,CHLORAMINE.

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

Waste Disposal Methods:DISCHARGE/TREATMENT/DISPOSAL MAY BE SUBJECT TO NATIONAL/STATE/LOCAL LAWS.FLUSH TO SEWER W/LG AMTS OF WATER.CHEM SUBJ TO REPORTING REQMT

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