

EASTMAN KODAK COMPANY -- 830 9031, EKTACOLOR RA BLEACH FIX & REPL, WORKING SOLUTION -- 6750-01-320-6638

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

Product ID:830 9031, EKTACOLOR RA BLEACH FIX & REPL, WORKING SOLUTION

MSDS Date:03/17/1994

FSC:6750

NIIN:01-320-6638

Kit Part:Y

MSDS Number: BNQFN

=== 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

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

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

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 85-90%

Other REC Limits:NONE SPECIFIED

Ingred Name:AMMONIUM

THIOSULFATE

CAS:7783-18-8

RTECS #:XN6465000

Fraction by Wt: 5-10%

Other REC Limits:NONE SPECIFIED

Ingred Name:SODIUM BISULFITE (SASA III)

CAS:7631-90-5

RTECS #:VZ2000000

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:AMMONIUM FERRIC ETHYLENEDIAMINETETRAACETIC ACID

CAS:21265-50-9

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

Ingred Name:ACETIC ACID (SARA III)

CAS:64-19-7

RTECS #:AF122500

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Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:10 PPM

ACGIH TLV:10 PPM/15 STEL; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT ESTABLISHED.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:INHALED: LOW HAZARD FOR RECOMMENDED HANDLING. EYES: NO SPECIFIC HAZARD KNOWN. MAY C

AUSE TRANSIENT

IRRITATION. SKIN:LOW HAZARD FOR RECOMMENDED HANDLING. INGESTION: EXPECTED TO BE LOW INGESTED HAZARD.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:INHALED: LOW HAZARD FOR RECOMMENDED HANDLING. EYES: NO SPECIFIC HAZARD KNOWN. MAY CAUSE TRANSIENT IRRITATION.

SKIN:LOW HAZARD FOR RECOMMENDED HANDLING. INGESTION: EXPECTED TO BE LOW INGESTED HAZARD.

Medical Cond Aggra

vated by Exposure: SUPPLIER DID NOT ADDRESS THIS FIELD.

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First Aid Measures
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First Aid: INHALED: IF SYMPTOMATIC, REMOVE TO FRESH AIR. EYES: ANYTHING THAT CONTACTS THE EYE SHOULD BE WASHED OUT IMMEDIATELY WITH WATER. SKIN: IMMEDIATELY FLUSH WITH WATER. REMOVE CONTAMINATED CLOTHING AND LAUN DER BEFORE REUSE. REMOVE AND DESTROY OR THOROUGHLY CLEAN CONTAMINATED SHOES. INGESTION: IF SWALLOWED, GIVE 1-2 GLASSES OF WATER AND GET MEDICAL ATTENTION. IF ANY SYMPTOMS OCCUR, GET MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point: NON-FLAMMABLE
Extinguishing Media: USE APPROPRIATE AGENT FOR SURROUNDING FIRE.
Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.
Unusual Fire/Explosion Hazard: NONE

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Accidental Release Measures
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Spill
Release Procedures: FLUSH MATERIAL TO SEWER WITH LARGE AMOUNTS OF WATER.
Neutralizing Agent: NO INFORMATION GIVEN ON MSDS BY SUPPLIER

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Handling and Storage
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Handling and Storage Precautions: KEEP CONTAINERS TIGHTLY CLOSED AND AWAY FROM STRONG ALKALI.
Other Precautions: NONE

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Exposure Controls/Personal Protection
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Respiratory Protection: RESPIRATORY PROTECTION MAY BE NEEDED IN SPECIAL CIRCUMSTANCES.
Ventilation: G

OOD VENTILATION (10 ROOM VOL PER HOUR IS CONSIDERED GOOD
GENERAL VENTILATION). SUPPLEMENTAL VENTILATION MAY BE NEEDED.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment:IF PROLONGED OR REPEATED CONTACT IS
NECESSARY, IMPERVIOUS GLOVES OR OTHER PROTECTION MAY BE REQUIRED.

Work Hygienic Practices:SUPPLIER DID NOT ADDRESS THIS FIELD.

Supplemental Safety and Health

KEY1:C1. THIS ENTRY DESCRIBES THE WORKING SOLUTION MADE FROM PART A AND

PART B OF A TWO PART KIT. SEE THIS SAME NSN P/N IND E, FOR PART A
DATA; AND P/N IND D, FOR PART B DATA. ENVIRONMENTAL STATEMENT MADE
BY MFR FOR WORKING SOLUTION. SEE MOST CURRENT PARTS A & B FOR
ENVIRONMENTAL INFORMATION.

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

HCC:C2

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

Vapor Pres:18 MM

Vapor Density:0.6

Spec Gravity:1.10

pH:5.4

Solubility in Water:COMPLETE

Appearance and Odor:DARK RED LIQUID,SLIGHT AMMONIA ODOR

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

Stability Indicator/Materials to Avoid:YES

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

Stability Condition to Avoid:NO INFORMATION GIVEN BY MFR ON MSDS.

Hazardous Decomposition Products:THERMAL DECOMPOSITION WILL PRODUCE
AMMONIA AND OXIDES OF SULFUR AND NITROGEN.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal

Methods:FLUSH MATERIAL TO SEWER WITH LARGE AMOUNTS OF WATER.

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