

EASTMAN KODAK CO. -- 821 4637;FLEXICOLOR BLEACH III REPLENISHER;WRK SOL KAN471344 --
6750-01-048-4560

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

Product ID:821 4637;FLEXICOLOR BLEACH III REPLENISHER;WRK SOL KAN471344

MSDS Date:07/28/1993

FSC:6750

NIIN:01-048-4560

Kit Part:Y

MSDS Number: BTTYT

=== Responsible Party ===

Company Name:EASTMAN KODAK CO.

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:146

50

Country:US

Info Phone Num:716-722-5151 FAX:716-724-9656

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: 70-80%

Other REC Limits:NONE RECOMMENDED

Ingre

d Name:AMMONIUM ACETATE (SARA III)
CAS:631-61-8
RTECS #:AF3675000
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Ingred Name:AMMONIUM FERRIC PROPYLENEDIAMINETETRAACETIC ACID
CAS:111687-36-6
Fraction by Wt: 1-5%
Other REC Limits:NONE RE
COMMENDED

Ingred Name:AMMONIUM BROMIDE
CAS:12124-97-9
RTECS #:BO9170000
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:AMMONIUM NITRATE (SOLUTION) (SARA III)
CAS:6484-52-2
RTECS #:BR9050000
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:TWA FOR ACETIC ACID IS 10PPM
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Healt

h Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION.SKIN:LOW HAZARD FOR NORMAL SERVICE.MAY CAUSE IRRITATION.INGEST:EXPECTED TO BE A LOW INGESTION HAZARD.MAY CAUSE GI TRACT IRRITATION.INHAL:EXPECTED TO BE A LOW HAZARD FOR NORMA L SERVICE.MAY CAUSE RESPIRATORY IRRITATION.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of Overexposure:EYES:TRANSCIENT IRRITATION.

Medical Cond Aggravated by Expo sure:UNLIKELY TO AGGRIVATE EXISTING MEDICAL CONDITIONS.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING. GET PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,DRINK 1-2 GLASSES OF WATER.

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===== Fire Fighting Measures =====
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Flash Point:NONE

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

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire/Explosion Hazard:THE DRIED PRODUCT BEHAVES AS A STRONG OXIDIZER;DRYING ON CLOTHES(OR OTHER MATERIALS MAY CAUSE FIRE).FIRE MAY CAUSE PRODUCTION OF HAZARDOUS TOXIC FUMES.

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===== Accidental Release Measures =====
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Spill Release Procedures:SOAK UP WITH NON-COMBUSTIBLE INERT ADSORBANT(EG.CLAY);PLACE COLLECTED MATERIEL IN AN APPROPRIATE CONTAINER FOR DISPOSAL;CLEAN SPILL AREA TO REMOVE SLIPPERINESS.SMALL SPILLS CAN BE FLUSHED TO SEWER WIT H PLENTY OF WATER.

Neutralizing Agent:SODIUM BICARBONATE,LIME.

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

Handling and Storage Precautions:KEEP CONTAINERS CLOSED.AVOID HEAT AND SOURCES OF IGNITION.

Other Precaution

s:AVOID BREATHING VAPORS OR MISTS. DO NOT GET IN EYES,
ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING OR DRINKING. REMOVE CONTAMINATED CLOTHING PROMPTLY. KEEP OUT
OF REACH OF CHILDREN.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN
ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR
A NOISH/MSHA APPROVED RESPIRATOR FOR ACID GAS,DEPENDING ON TH

E
AIRBORN CONCENTRATION.

Ventilation:USE GENERAL DILUTION VENTILATION.MFR RECOMMENDS 10 AIR
CHANGES PER HOUR.

Protective Gloves:IMPERVIOUS.

Eye Protection:SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A
LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET
CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK
AREA.

Supplemental Safety and Health
KEY1;C3.

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

HCC:C3

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

Vapor Pres:24

Vapor Density:0.6

Spec Gravity:1.1

pH:4.5

Solubility in Water:COMPLETE

Appearance and Odor:LIQUID;COLORLESS;SLIGHT VINEGAR-LIKE ODOR

Percent Volatiles by Volume:70-80

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HIGH HEAT,SOURCES OF IGNITION.

Hazardous Decomp

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

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND
LOCAL REGULATIONS.

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