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EASTMAN KODAK COMPANY -- 813 5048 3000 FIXER AND REPLENISHER, PART A

6750-01-363-8343

Product ID:813 5048 3000 FIXER AND REPLENISHER, PART A

MSDS Date:02/25/1998

FSC:6750

NIIN:01-363-8343

MSDS Number: CHHVX === Responsible Party ===

Company Name: EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY ZIP:14650 Country:US

Info Phone Num:716-477-3 194 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

====== Composition/Information on Ingred

ients ========

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000 Fraction by Wt: 40-45%

Other REC Limits: NONE RECOMMENDED

Ingred Name: AMMONIUM THIOSULFATE

CAS:7783-18-8

RTECS #:XN6465000 Fraction by Wt: 40-45%

Other REC Limits: NONE RECOMMENDED

Ingred Name:SODIUM ACETATE

CAS:127-09-3

RTECS #:AJ4300010 Fraction by Wt: 5-10%

Other REC Limits: NONE RECOMMENDED

Ingred Name:BORIC ACID

CAS:10043-35-3 RTECS #:ED4550000 Fraction by Wt: 1-5%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:10 MG BORATE

S/M3

ACGIH TLV:5 MG BORATES/M3

Ingred Name: AMMONIUM SULFITE (CERCLA)

CAS:10196-04-0 Fraction by Wt: 1-5%

Other REC Limits: NONE RECOMMENDED

EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

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

Ingred Name: SODIUM BISULFITE (SASA III) (CERCLA)

CAS:7631-90-5

RTECS #:VZ2000000 Fraction by Wt: < 1%

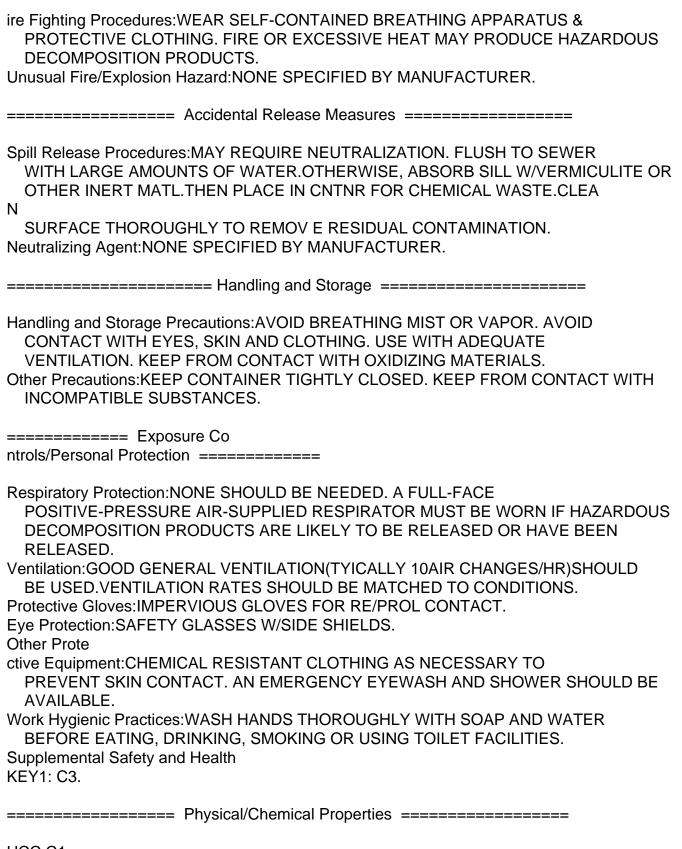
Other

REC Limits: NONE RECOMMENDED OSHA PEL:5 MG/M3 ACGIH TLV:5 MG/M3; 9596 EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS ========== Hazards Identification =============== LD50 LC50 Mixture: ORAL LD50 RAT > 2540 MG/KG Routes of Entry: Inhalation: NO Skin: YES Ingestion: YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic: EXPECTED TO BE A LOW INHALATION HAZARD. MAY LIBERATE SULFUR DIOXIDE GAS WHICH IS IRRITATING TO RESPIRATORY TRACT. MAY CAUSE TRANSIENT EYE IRRITATION. MAY BE ABSORBED IN TOXIC AMOUNTS THROUGH DAMAGED S KIN. MAY BE HARMFUL IF SWALLOWED. Explanation of Carcinogenicity: THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS. Effects of Overexposure: RESPIRATORY TRACT IRRITATION, EYE IRRITATION, SKIN IRRITATION, DIFFICULT BREATHING, SKIN SENSITIZATION, CHEST TIGHTNESS, STOMACH UPSET, HIVES, FAINTNESS, WEAKNESS, DIARRHEA. **BASED ON REP** EATED-DOSE ING ESTION STUDIES IN ANIMALS, MAY CAUSE ADVERSE REPRODUCTIVE & DEVELOPMENTAL EFFECTS. Medical Cond Aggravated by Exposure: SOME ASTHMATICS OR SULFITE-SENSITIVE INDIVIDUALS MAY EXPERIENCE WHEEZING, CHEST TIGHTNESS, STOMACH UPSET, HIVES, FAINTNESS, WEAKNESS & DIARRHEA. First Aid:INHALATION: IF SYMPTOMATIC, MOVE TO FRESH AIR. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES: ANY MATERIAL THAT CONTACTS EYES SHOULD BE WASHED OUT IMEEDIATELY WITH WATER. GET MEDICAL ATTENTION IF SY MPTOMS OCCUR. SKIN: WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. INGESTION: ONLY INDUCE VOMITING AT THE INSTRUCTION OF MEDICAL PERSONNEL. CALL PHYSICIAN OR

POISON CONTROL ASAP.

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

Flash Point: NONFLAMMABLE Lower Limits: NOT GIVEN Upper Limits:NOT GIVEN Extinguishing Media: USE APPROPRIATE AGENT FOR ADJACENT FIRE.



HCC:C1

Boiling Pt:B.P. Text:>212F,>100C Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN Decomp Temp:Decomp Text:NOT GIVEN Va por Pres:18MM Vapor Density:0.6 Spec Gravity:1.32

pH:5.0

Evaporation Rate & Evaporation R

Solubility in Water: COMPLETE.

Appearance and Odor:LIQUID, LIGHT YELLOW, SLIGHT SULFUR & ACETIC ACID ODOR.

Percent Volatiles by Volume:40-45

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

Stability Indicator/Materials to Avoid:YES

BASES, SODIUM HYPOCHLORITE (BLEACH), STRONG OXIDIZING AGENTS, STRONG ACIDS. CONTACT W/BASE LIBERATES FLAMM MATL.

Stability Condition to Avo

id:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: AMMONIA, NITROGEN OXIDES (NOX), SULFUR DIOXIDE, CHLORAMINE, CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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