

EASTMAN KODAK COMPANY -- 123 1737 EA-5 BLEACH AND REPLENISHER, PART A --  
6750-01-413-0642

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

Product ID:123 1737 EA-5 BLEACH AND REPLENISHER, PART A

MSDS Date:12/03/1998

FSC:6750

NIIN:01-413-0642

Kit Part:Y

MSDS Number: CHHXP

=== 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

===== Composition/Informat

ion on Ingredients =====

Ingred Name:POTASSIUM FERRICYANIDE  
CAS:13943-58-3  
RTECS #:LJ8219000  
Fraction by Wt: 75-80%  
Other REC Limits:NONE RECOMMENDED  
ACGIH TLV:5 MG/M3

Ingred Name:POTASSIUM BROMIDE  
CAS:7758-02-3  
RTECS #:TS7650000  
Fraction by Wt: 20-25%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT): NOT GIVEN  
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:N  
O IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EXPECTED TO BE A LOW INHALATION HAZARD FOR RECOMMENDED HANDLING. IF CYANIDE HAS IS LIBERATED DUE TO CONTACT WITH A STRONG ACID, IT MAY CAUSE DIZZINESS, HEADACHE, RAPID RESPIRATION, RAPID PULSE. MAY CAUSE TRANSIENT EYE IRRITATION. LOW SKIN CONTACT HAZARD FOR RECOMMENDED HANDLING. EXPECTED TO BE A LOW INGESTION HAZARD.  
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.  
Effects of Overexposure:EYE IRRITATION, DIZZINESS, HEADACHE, RAPID RESPIRATION, RAPID PULSE, UNCONSCIOUSNESS, CONVULSIONS, DEATH.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION: IF SYMPTOMATIC, MOVE TO FRESH AIR. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES: WASH OUT IMMEDIATELY WITH WATER. GET MEDICAL ATTENTION IF SY

MPTOMS 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.

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Fire Fighting Measures  
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Flash Point:COMBUSTIBLESOLID  
Lower Limits:NOT GIVEN  
Upper Limits:NOT GIVEN  
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND

PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.

Unusual Fire/Explosion Hazard:POWDERED MATERIAL MAY FORM EXPLOSIVE DUST-AIR MIXTURES. FIRE OR HIGH TEMPERATURES MAY CAUSE DECOMPOSITION.

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Accidental Release Measures  
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Spill Release Procedures:FLUSH TO SEWER IF ALLOWABLE WITH LARGE AMOUNTS OF WATER. AVOID GENERATION OF DUST. OTHERWISE, SWEEP UP AND PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:USE WITH ADEQUATE VENTILATION. KEEP AWAY FROM HEAT. MINIMIZE DUST GENERATION AND ACCUMULATION. KEEP AWAY FROM SOURCES OF IGNITION.

Other Precautions:REFER TO NFPA PAMPHLET NO. 654, "PREVENTION OF FIRE AND DUST EXPLOSIONS IN THE CHEMICAL, DYE, PHARMACEUTICAL, AND PLASTICS INDUSTRIES". KEEP FROM CONTACT WITH OXIDIZING MATERIALS. KEEP CONTAINER TIGHTLY CLOSED.

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Exposure Controls/Personal Protection  
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Respiratory Protection:NONE SHOULD BE NEEDED. A FULL-FACE POSITIVE-PRESSURE AIR-SUPPLIED RESPIRATOR MUST BE WORN IF HAZARDOUS DECOMPOSITION PRODUCTS ARE LIKELY TO BE RELEASED OR HAVE BEEN RELEASED.

Ventilation:GOOD GENERAL VENTILATION, TYPICALLY 10 AIR CHANGES PER HOUR, SHOULD BE USED. RATES SHOULD MATCH CONDITIONS.

Protect

ive Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS OR GOGGLES

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

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===== Physical/Chemical Properties =====  
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HCC:T6

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:> 1.0

Viscosity:NOT GIVEN

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:COMPLETE

Appearance and Odor:ORANGE SOLID, NO ODOR OR

Percent Volatiles by Volume:NIL

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===== Stability and Reactivity Data =====  
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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS.

Stability Condit

ion to Avoid:AVOID TEMPERATURES ABOVE 410F.

Hazardous Decomposition Products:CYANIDES, CARBON DIOXIDE, CARBON MONOXIDE, HYDROGEN BROMIDE, OXIDES OF NITROGEN.

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===== Disposal Considerations =====  
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Waste Disposal Methods:DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO NATIONAL, STATE OR LOCAL LAWS. MAY REQUIRE NEUTRALIZATION IF PH < 2.0 OR PH > 12.5. DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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