

EASTMAN KODAK COMPANY -- 156 2461;KODAK BLEACH,PROCESS E-6; PART A --  
6750-01-041-8681

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

Product ID:156 2461;KODAK BLEACH,PROCESS E-6; PART A

MSDS Date:11/12/1997

FSC:6750

NIIN:01-041-8681

Kit Part:Y

MSDS Number: BGHDG

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

Info Phone Num:71

6-722-5151

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

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 Ingredients =====

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Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 60 - 65%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:FERRIC AMMONIUM ETHYLENEDIAMINETETRAACETIC ACID  
CAS:21265-50-9  
Fraction by Wt: 15 - 20%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:AMMONIUM BROMIDE  
CAS:12124-97-9  
RTECS #:BO9170000  
Fraction by Wt: 10 - 15%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM NITRATE  
CAS:7757-79-1  
RTECS #:TT3700000  
Fraction by Wt: 1 - 5%  
Other REC Limits:NONE RECOMMENDED

Ingr  
ed Name:HYDROGEN BROMIDE/HYDROBROMIC ACID  
CAS:10035-10-6  
RTECS #:MW3850000  
Fraction by Wt: 1 - 5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:C 3 PPM  
ACGIH TLV:C 3 PPM; 9495

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHAL:EXPECTED TO BE A LOW HAZARD FOR  
RECOMMENDED HANDLING.EYES:MAY CAUSE TRANSCIENT HANDLING.SKIN:LOW  
HAZARD

FOR RECOMMENDED HANDLING.INGEST:EXPECTED TO BE A LOW  
INGESTION HAZARD.

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 Exposure:NONE SPECIFIED BY MANUFACTURER.

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

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

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

Flash Point:NONE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

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

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.  
CONTACT WITH BASE LIBERATES FLAMMABLE MATERIAL.

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

Spill Release Procedures:FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER.  
SOAK UP WITH NON-COMBUSTIBLE INERT ADSORBANT(EG.CLAY);PLACE  
COLLECTED MATERIAL IN AN APP  
ROPRIATE CONTAINER FOR DISPOSAL;CLEAN  
SPILL AREA TO REMOVE SLIPPERIN ESS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED  
PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM  
OXIDIZING AGENTS.

Other Precautions:AVOID SKIN AND EYE CONTACT.DO NOT INHALE  
VAPORS/MISTS.

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

Respiratory Protection:NOT NEEDED IN NORMAL SERVICE.  
Ventilation:GOOD GENERAL VENTILATION(TYPICALLY 10 CHANGES/MINUTE).  
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:EXECISE GOOD MANUFACTURING PRACTICES.WASH HANDS  
AFTER USE AND BEFORE EATING.  
Supplemental Safety and Health  
KEY1;C3.

===== Physical/Chemical Properties  
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HCC:C3  
Boiling Pt:B.P. Text:212F,>100C  
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN  
Vapor Pres:18  
Vapor Density:0.6  
Spec Gravity:1.26  
pH:5.4  
Solubility in Water:COMPLETE  
Appearance and Odor:RED LIQUID, SLIGHT AMMONIA ODOR  
Percent Volatiles by Volume:60-65

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS,BASES,SODIUM HYPOCHLORITE(BLEACH).  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURE  
R.  
Hazardous Decomposition Products:CARBON DIOXIDE,CARBON  
MONOXIDE,HYDROGEN BROMIDE,OXIDES OF NITROGEN,AMMONIA,CHLORAMINE.

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

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

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