

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:7

16-722-5151

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 =====

=====

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

Ingred 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 TRANSIENT HANDLING.SKIN:LOW
HAZAR

D 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.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND
WATER.GET MEDICAL ATTENTION IF SYMPTO

MS 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.

===== 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.

===== 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 AP

PROPRIATE CONTAINER FOR DISPOSAL;CLEAN
SPILL AREA TO REMOVE SLIPPERIN ESS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== 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.

===== 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
=====

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 MANUFACTUR
ER.
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.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever

r,
expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.