

EASTMAN KODAK COMPANY -- 156 9201 KODAK EKTACOLOR RA BLEACH FIX & RPLENSHR NR,  
PART B -- 6750-01-376-5887

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

Product ID:156 9201 KODAK EKTACOLOR RA BLEACH FIX & RPLENSHR NR, PART B

MSDS Date:04/19/1996

FSC:6750

NIIN:01-376-5887

MSDS Number: BZRBJ

=== 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/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: 35-40%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:DIAMMONIUM ETHYLENEDIAMINE TETRAACETIC ACID  
CAS:20824-56-0  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED

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

Route  
s of Entry: Inhalation:NO Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EXPECTED TO BE A LOW INHALATION HAZARD  
FOR RECOMMENDED HANDLING. MAY CAUSE TRANSIENT EYE IRRITATION. LOW  
SKIN OCONTACT HAZARD FOR RECOMMENDED HANDLING. EXPECTED TO BE A LOW  
INGESTION HAZARD FOR RECOMM ENDED HANDLING.  
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT  
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SU  
SPECT  
CARCINOGENS.  
Effects of Overexposure:TRANSIENT EYE IRRITATION.  
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 SYMPTONS PERSIST. EYES: ANY MATERIAL THAT CONTACTS EYE  
SHOULD BE WASHED OUT IMMEDIATELY W/WATER. GET MEDICAL ATTENTION.  
SKIN: WAS H W/SOAP & WATER. GET MEDICAL ATTENTIONIF SYMPTOMS OCCUR.  
ING

ESTION: DRINK 1-2 GLASSES OF WATER. SEEK MEDICAL ATTENTION.

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

Flash Point:NONE, NON-COMBUST

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE (CO2), DRY CHEMICAL,  
ALCOHOL FOAM.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS &  
PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS  
DECOMPOSITION PRODUCTS.

Unusual Fire/Explosion Hazard:NONE SPECIFI  
ED BY MANUFACTURER.

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

Spill Release Procedures:FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER, IF  
ALLOWABLE. OTHERWISE, ABSORB WITH VERMICULAITE OR OTHER INERT  
MATERIAL, THEN PLACE IN CONTAINER FOR CHEMICAL WASTE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:USE ONLY WITH ADEQUATE VENTILATION.  
WASH THOROUGHLY AFTE

R HANDLING. KEEP FROM CONTACT WITH OXIDIZING  
MATERIALS. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:KEEP AWAY FROM INCOMPATIBLE SUBSTANCES.

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

Respiratory Protection:NONE SHOULD BE NEEDED.

Ventilation:GOOD GENERAL VENTILATION (TYPICALLY 10 AIR CHANGES/HR)  
SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS, GOGGLES.

Other

Protective Equipment:EYEBATH, WASHING FACILITIES, SAFETY SHOWER.

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

Supplemental Safety and Health

KEY1:N1.

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

HCC:N1

Boiling Pt:>100.C, 212.F

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

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

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:18MM @20C

Vapor Density:0.6

Spec Gravity:1.22

pH:7.0

Eva

poration Rate & Reference:NOT GIVEN

Solubility in Water:COMPLETE.

Appearance and Odor:DARK BROWN LIQUID, WITH 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 MANUFACTURER.

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

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

Waste Disposal Methods:DISCHARGE/TREATMENT/DISPOSAL MAY BE SUBJECT TO  
NATIONAL/STATE/LOCAL LAWS. FLUSH TO SEWER W/LG AMTS OF WATER. NO  
CHEM SUBJECT TO REPORTING REQMTS OF SEC 313 OR TITLE III OF SARA &  
40CFR PART 372.

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,

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.