

EASTMAN KODAK COMPANY -- 106 5259 EKTACHROME R-3000 BLEACH FIX,PART B --
6750-01-273-8176

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

Product ID:106 5259 EKTACHROME R-3000 BLEACH FIX,PART B

MSDS Date:04/19/1996

FSC:6750

NIIN:01-273-8176

Kit Part:Y

MSDS Number: BWRFN

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

Info Phone

Num:716-722-5151

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: 55 - 60%
Other REC Limits:NONE RECOMMENDED

Ingred Name:FERRIC AMMONIUM ETHYLENEDIAMINETETRAACETIC ACID
CAS:21265-50-9
Fraction by Wt: 40 - 45%
Other REC Limits:NONE RECOMMENDED

Ingred Name:ETHYLENEDIAMINE-TETRAACETIC ACID (EDTA) (CERCLA)
CAS:60-00-4
RTECS #:AH4025000
Fraction by Wt: 1 - 5%
Other REC Limits:NONE RECOMMENDED
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

===== Hazards Identification =
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LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYES. ACUTE- EYES:MAY
CAUSE TRANSIENT IRRITATION. SKIN:LOW HAZARD FOR RECOMMENDED
HANDLING. INHALATION: EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED
HANDLING. ORAL:EXPECTED TO BE A LOW IN GESTION HAZARD. CHRONIC-
UNKNOWN.
Explanation of Carcinogenicity:THIS COM
POUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:TRANSIENT EYE IRRITATION
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH
AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15
MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SO

AP & WATER. ORAL:DO

NOT IN DUCE VOMITING. IF CONSCIOUS, DRINK 1-2 GLASSES OF WATER.
SEEK MEDICAL ATTENTION.

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

Flash Point:NONFLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, ALCOHOL FOAM OR DRY
CHEMICAL. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINER.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS. HA

ZARDOUS DECOMPOSITION

PRODUCTS MAY BE FORMED.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:FLUSH TO SEWER WITH LARGE AMOUNT OF WATER.
OTHERWISE, ABSORB SPILL WITH INERT MATERIAL SUCH AS VERMICULITE,
THEN PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE
THOROUGHLY TO REMOVE RESIDUAL CO NTAMINATION. PREVENT RUNOFF FROM
ENTERING SEWERS.

Neutralizing Agent:NONE SP

ECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE AWAY FROM INCOMPATIBLE
MATERIALS. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:KEEP OUT OF REACH OF CHILDREN. AVOID EYE CONTACT. USE
WITH ADEQUATE VENTILATION.

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

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:GOOD GENERAL VENTILATION IS SUFFICIENT FOR MOST CONDITIONS
(1

0 ROOM VOLUMES PER HOUR).

Protective Gloves:LATEX FOR REPEATED/PROLONGED CONTACT

Eye Protection:SAFETY GLASSES WITH SIDE SHIELD/GOGGLES

Other Protective Equipment:EYE BATH, WASHING FACILITIES, SAFETY SHOWER

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING,
DRINKING/SMOKING.

Supplemental Safety and Health

KEY1:N1. THIS PRODUCT IS A KIT CONSISTING OF TWO PARTS. PART A, HAS PNI
A; PART B HAS PNI B, SAME NSN. UNIT

PACKAGE YIELDS 1.0 GALLON.

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

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

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

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:18 @ 68F

Vapor Density:0.6

Spec Gravity:1.26

pH:7.0

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:COMPLETE

Appearance and Odor:DARK RED LIQUID - AMMONIA ODOR

Percent Volatiles by Volume:55- 60

===== Stability and Rea
ctivity Data =====

Stability Indicator/Materials to Avoid:YES

BASES, STRONG OXIDIZING AGENTS, SODIUM HYPOCHLORITE (BLEACH). CONTACT WITH BASE LIBERATES FLAMMABLE MATERIALS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

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

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

Waste Disposal Methods:DISCHARGE, TREATMENT OR DIS
POSAL MAY BE SUBJECT

TO NATIONAL, STATE OR LOCAL REGULATIONS. FLUSH TO SEWER WITH LARGE AMOUNT OF WATER, IF PERMITTED.

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