

EASTMAN KODAK CO. -- 186 2176,EKTPRNT 2 BLEACH-FIX, PART B -- 6750-01-214-4621

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Product Identification  
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Product ID:186 2176,EKTPRNT 2 BLEACH-FIX, PART B

MSDS Date:08/01/1988

FSC:6750

NIIN:01-214-4621

Kit Part:Y

MSDS Number: BGQSL

=== Responsible Party ===

Company Name:EASTMAN KODAK CO.

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

Info Phone Num:716-722-5151

Emerg

ency 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

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Composition/Information on Ingredients  
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Ingred Name:AMMONIUM FERRIC ETHLYENEDIAMINETETRAACETIC ACID

CAS:21265-50-9

Fraction by Wt: 40-45%

Ingred Name:AMMONIA (SARA III)

CAS:7664-41-7

RTECS #:BO0875000

Fraction by Wt

: 6%  
OSHA PEL:50 PPM  
ACGIH TLV:25 PPM/35 STEL; 9293  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:ETHYLENEDIAMINE-TETRAACETIC ACID (EDTA) (SARA III)  
CAS:60-00-4  
RTECS #:AH4025000  
Fraction by Wt: 1-5%  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 45-55%

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

LD50 LC50 Mixture:LD50 ORL RAT:0.5 - 5.0 G/KG  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES  
Repor  
ts of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:MFR GIVES NO HEALTH HAZARDS EXCEPT  
THAT OF EYE IRRITATION.  
Explanation of Carcinogenicity:PRODUCT IS NOT LISTED AS A CARCINOGEN BY  
IARC, NTP, OSHA.  
Effects of Overexposure:EYE IRRITATION. POSSIBLE SKIN,RESPIRATORY OR  
G/I IRRITATION.  
Medical Cond Aggravated by Exposure:NONE

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

First Aid:MFR GIVES ONLY SKELETAL FIRST AID. FROM HMIS:EYE:FL  
USH  
W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP & WATER.  
REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE.  
INHALED:REMOVE TO FRESH AI R. INGESTED:DO NOT INDUCE VOMITING.  
GIVE 2 LARGE GLASSES OF MILK OR WATER AND GET IMMEDIATE MEDICAL  
CARE. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. IF IRRITATION  
PERSISTS OR IS SEVERE,SEE A DOCTOR.

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

Flash Point:NONE  
Extinguishing Media:USE EXTINGUISHING MEDI

A SUITABLE FOR SURROUNDING FIRES.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:EVACUATE UNPROTECTED PERSONS,PROVIDE VENTILATION, SAFETY EQUIPMENTS IF NECESSARY.DIKE LARGE SPILL & PUMP INTO COVERED CONTNRS;ABSORB SM SPILL W/ABSORBING MATL & PLACE IN SAME CONTNR;MFR SUGGESTS FLUSH DOWN TO SEWER W/LG AMT OF H\*2O IAW EXISTING REGS.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED AREA.KEEP CONTNRS TIGHTLY CLOSED.PROTECT CONTNRS FROM PHYSICAL DAMAGE.

Other Precautions:AVOID PROLONGED AND REPEATED SKIN CONTACT WITH PRODUCT. REMOVE & WASH CONTAMINATED CLOTHING. WASH HANDS AFTER USE.

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

Respiratory Protection:NONE NORMALLY NECESSARY. USE NIOSH/MSHA RESPIRATOR FOR ALKALINE FUMES IF EXPOSED ABOVE THE TLV.

Ventilation:NORMAL ROOM VENTILATION IS SUFFICIENT. USE LOCAL EXHAUST IF AMMONIA ODORS BECOME IRRITATING.

Protective Gloves:IMPERVIOUS/RUBR

Eye Protection:SAFETY GLASSES/GOGGLES

Other Protective Equipment:AS NECESSARY TO PREVENT SKIN CONTACT

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT.

Supplemental Safety and Health

ITEM HAS SEVEN PARTS IN THE KIT.THIS PART IS EKTAPRINT BLEACH-FIX, PART B WHICH MAY BE MARKED WITH CAT #186 5849. BUT CAT #186 2176 IS FOR THE KIT; THIS NSN IS DUPLICATE OF 6750-01-068-0727, SAME CAT & SOLUTION NO; YIELDS 1 GAL; MSDS OF CAT # 186 5849 IS USED FOR KIT. SOLUTION NUMBER= 3422; KEY1:N1.

===== Physical/Che

Physical Properties =====

HCC:C1

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

Vapor Pres:18 MM

Vapor Density:0.6

Spec Gravity:1.29

pH:7.0

Solubility in Water:COMPLETE

Appearance and Odor:OPAQUE;REDDISH-BROWN;AMMONIACAL ODOR

Percent Volatiles by Volume:55%

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

Stability Indicator/Materials to Avoid:YES

METALS,STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT,HIGH TEMPERATURES

Hazardous Decomposition Products:CARBON DIOXIDE,

CARBON MONOXIDE,

AMMONIA, NITROGEN OXIDES

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

Waste Disposal Methods:KEEP IN COVERED CONTAINERS PENDING

DISPOSAL.DISPOSE IN FULL COMPLIANCE W/FEDERAL,STATE & LOCAL

REGS;MFR RECOMMENDS TO FLUSH DOWN TO SEWER W COPIOUS AMT H\*2O.STATE

& LOCAL EFFLUENT LAWS TAKE PRECEDENCE .

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