

EASTMAN KODAK COMPANY -- 180 3972,MICROFILM BLEACH & REPLENISHER -- 6750-01-064-7321  
===== Product Identification =====

Product ID:180 3972,MICROFILM BLEACH & REPLENISHER

MSDS Date:01/01/1985

FSC:6750

NIIN:01-064-7321

MSDS Number: BGJYR

=== 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

Emer

gency 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

===== Composition/Information on Ingredients =====

Ingred Name:SULFAMIC ACID(15-20%) (CAS #5329-14-6)

CAS:5329-14-6

RTECS #:WO5950000

Fraction by Wt: 17.5%

Ingred Name:POTASSIUM BICHROMATE (SARA III)

CAS:7778-50-9

RTECS #:HX7

680000  
Fraction by Wt: 7.5%  
OSHA PEL:C,0.1 MG/M3 CRO3  
ACGIH TLV:0.5 MG CR/M3; 9293  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

Ingred Name:AQUEOUS SOLUTION,HAZARD UNKNOWN,UNIDENTIFIED(70-80%)  
Fraction by Wt: 75.0%

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Hazards Identification  
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Effects of Overexposure:EYES:LIQD CONTACT CAN CAUSE  
BURNS;SKIN:PROLNGD/REPEATD CONTACT MAY CAUSE BURNS/ALLERGIC  
REACTION.

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First Aid Measures  
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First Aid:EYES OR S  
KIN:IMMEDIATELY FLUSH SKIN OR EYES W/PLENTY OF WATER  
FOR 15 MIN & GET MED ATTN FOR EYES;INH:IF DIFFICULT IN  
BREATHING,REMOVE TO FRESH AIR.GIVE CPR/OXYGEN IF NEEDED & GET MED  
ATTN.

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Fire Fighting Measures  
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Flash Point:NONE  
Lower Limits:NONE  
Upper Limits:NONE  
Extinguishing Media:CO\*2,FOAM,DRY CHEM  
Fire Fighting Procedures:WEAR SELF-CNTND BRTHG APP;COOL EXPSD CONTNRS  
W/WATER SPRAY  
Unusual Fire/Explosion Hazard:SPILL/RUNOFF MAY CAUSE POLL  
UTION,FIRE  
&/OR EXPLOSION HAZARDS;EXPOSED CONTNRS MAY EXPLODE IN FIRE.

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Accidental Release Measures  
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Spill Release Procedures:ELIM IGN SOURCES.USE PROTECTV EQUIP,PROVIDE  
VENT.STOP LEAK W/O RISK.DIKE LG SPILL & PUMP INTO COVRD  
DRUMS;ABSORB/CONTAIN SMALL SPILL IN CONTNR PENDING DISPOSAL;MFR  
RECOMMENDS,NEUTRLZ W/SOD BICARBONATE THEN FLUSH TO SEWER W/LG AMT  
H\*2O IAW EXISTG REGS.

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

Other Precautions:AVOID PROLONGED/REPEATED CONTACT W/PRODUCT;REMOVE & WASH CONTAMINATED CLOTHING.WASH HANDS AFTER USE;APPROX PH OF PRODUCT:0.7;UNIT CONTNR QTY 5 GAL IS TO MAKE 20 GAL WORKING SOLN.

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

Respiratory Protection:NONE REQD IN NORMAL CONDITIONS

Ventilation:MECHA

NICAL(GEN) IF NEEDED

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES

Other Protective Equipment:AS NECESSARY TO PREVENT SKIN CONTACT.

Supplemental Safety and Health

MSDS FM MFR DTD:2/21/78;REISSUED:3/79:PER MFR LTR 8/18/82,RECORDAK MICROFILM BLEACH/REPLNSHR WAS RENAMED "KODAK MICROFILM BLEACH & REPLENISHER"(DATE UNKNOWN)PROBABLY BEFORE 2/78;SEE ADDL DATA.

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

HCC:C1

Boiling Pt:B.P. Text:>212 F

Vapor Pres:17

Vap

or Density:0.6

Spec Gravity:1.14

Solubility in Water:COMPLETE

Appearance and Odor:REDDISH-BROWN; ODORLESS

Percent Volatiles by Volume:85.

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

Stability Indicator/Materials to Avoid:YES

BASES(CAUSTICS), FLAMMABLE LIQUIDS,OXIDIZERS

Stability Condition to Avoid:UNK

Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:KEEP IN COVERD CONTNRS PENDING DISPOSAL.

SHIP

WASTE TO NEUTRALZNG/DISPOSAL AREA IAW DOT/EPA REGS.HANDLE/DISPOSE  
OF IAW FED,STATE/LOCAL REGS;MFR SUGGESTS:NEUTRALZ W/SODIUM  
BICARBONATE THEN FLUSH TO SEWE R W/LG AMT H\*2O.FED STATE/LOCAL LAWS  
TAKE PRECEDEN

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