

EASTMAN KODAK COMPANY -- 190 1149 MICROFILM FIXER AND REPLENISHER -- 6750-01-145-7831

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

Product ID:190 1149 MICROFILM FIXER AND REPLENISHER

MSDS Date:07/01/1992

FSC:6750

NIIN:01-145-7831

MSDS Number: BGNWB

=== 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

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ergency 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:FULLER AND D ALBERT INC

Address:3170 CAMBELL

Box:2706

City:FAIRFAX

State:VA

ZIP:22031-2302

Country:US

Phone:703-591-8000

CAGE:82960

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

Ingred Name:WATER

CAS:7732-18

-5

RTECS #:ZC0110000

Fraction by Wt: 40-50%

Other REC Limits:NONE SPECIFIED

Ingred Name:AMMONIUM THIOSULFATE

CAS:7783-18-8

RTECS #:XN6465000

Fraction by Wt: 40-45%

Other REC Limits:NONE SPECIFIED

Ingred Name:SODIUM ACETATE

CAS:126-96-5

RTECS #:AJ4375000

Fraction by Wt: 5-10%

Other REC Limits:NONE SPECIFIED

Ingred Name:ACETIC ACID (SARA III)

CAS:64-19-7

RTECS #:AF1225000

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:10 PPM

ACGIH TLV:10 PPM/15 STEL; 9192

EPA Rpt Qty:5000 LBS

DOT

Rpt Qty:5000 LBS

Ingred Name:SODIUM METABISULFITE

CAS:7681-57-4

RTECS #:UX8225000

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3; 9192

===== 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:INHALATION: LOW HAZARD FOR RECOMMENDED
HANDLING. EYES: NO SPECIFIC HAZARD KNOWN TO MANUFACTURER. HOWEVER,

ANY MATERIAL THAT CONTACTS THE EYE MAY BE IRRITATING. SKIN: LOW HAZARD FOR RECOMMENDED HANDLIN G. INGESTION: EXPECTED TO BE A LOW INGESTION HAZARD.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:EYES: REDNESS, TEARING, DISCOMFORT.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====
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First Aid:EYES: ANY MATERIAL THAT CONTACTS THE EYE SHOULD BE WASHED OUT IMMEDIATELY WITH WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. SKIN: WASH AFTER EACH CONTACT. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. I NGESTION: DRINK 1-2 GLASSES OF WATER. SEEK MEDICAL ATTENTION.

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

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:NONE

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIR E.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:ABSORB SPILL IN INERT MATERIAL ; PLACE IN CHEMICAL WASTE CONTAINER. PREVENT RUNOFF FROM ENTERING DRAINS, SEWERS, AND STREAMS.

Neutralizing Agent:NONE SPECIFIED BY MA NUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED AND AWAY FROM INCOMPATIBLES.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT. IN POORLY VENTILATED AREAS LOCAL EXHAUST VENTILATION MAY BE NEEDED.

Protective Gloves:IMPERV

IOUS GLOVES

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment:EYE WASH AVAILABLE.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NONE

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

HCC:C3

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

Vapor Pres:18

Vapor Density:0.6

Spec Gravity:1.316

pH:5.3

Solubility in Water:COMPLETE

Appearance a

nd Odor:CLEAR, SLIGHTLY YELLOW SOLUTION; SLIGHT ACID ODOR.

Percent Volatiles by Volume:45

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

Stability Indicator/Materials to Avoid:YES

STRONG ALKALI, STRONG MINERAL ACIDS

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY PRODUCE AMMONIA, OXIDES OF NITROGEN AND OXIDES OF SULFUR.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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