

EASTMAN KODAK COMPANY -- 121 3677, FIXER/REPLENISHER, E-6 & E-6 AR, WORKING SOLUTION  
-- 6750-01-106-0011

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

Product ID:121 3677, FIXER/REPLENISHER, E-6 & E-6 AR, WORKING SOLUTION

MSDS Date:06/16/1993

FSC:6750

NIIN:01-106-0011

MSDS Number: BSFRY

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650-111

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Country:US

Info Phone Num:716-477-3194

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

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

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 90-95% %

Other REC Limits:NONE RECOMMENDED

Ingred Name:AMMONIUM

THIOSULFATE  
CAS:7783-18-8  
RTECS #:XN6465000  
Fraction by Wt: 5-10% %  
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM METABISULFITE  
CAS:7681-57-4  
RTECS #:UX8225000  
Fraction by Wt: 1-5% %  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3; 9394

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE  
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:LOW INHALATION HAZRD FOR RECOMMENDED  
HANDLING. NO SPECIFIC HAZARD TO EYES KNOWN TO EASTMAN KODAK.  
HOWEVER, ANY MATERIAL THAT CONTACTS THE EYE MAY BE IRRITATING. LOW  
SKIN HAZARD FOR RECOMMENDED HANDLING.  
Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS  
CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.  
Effects of Overexposure:EYE IRRITATION  
Medical Condition Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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= First Aid Measures =====

First Aid:IN CASE OF EYE CONTACT, FLUSH WITH PLENTY OF WATER. IF  
IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

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

Flash Point:NONE  
Extinguishing Media:USE APPROPRIATE AGENT FOR SURROUNDING FIRE.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS &  
PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS  
DECOMPOSITION PRODUCTS.  
Unusual Fire/Explosion

Hazard:NONE

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

Spill Release Procedures:FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER.  
DISCHARGE, TREATMENT OR DISPOSAL MAYU BE SUBJECT TO FEDERAL, STATE  
OR LOCAL LAWS.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED AND AWAY  
FROM STRONG ALKALI.  
Other Precautions:NONE SPECIFIED BY MANUF  
ACTURER.

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

Respiratory Protection:NOT NORMALLY REQUIRED.  
Ventilation:GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT.  
Protective Gloves:NOT NORMALLY REQUIRED.  
Eye Protection:SAFETY GLASSES  
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.  
Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT  
AND BEFORE EATING DRINKING OR SMOKING.  
Supplemental Safety and Health  
EXPECTED TO HAVE A LOW BIOLOGICAL OXYGEN  
DEMAND. NOT EXPECTED TO CAUSE  
OXYGEN DEPLETION IN AQUATIC SYSTEMS. EXPECTED TO HAVE LOW POTENTIAL  
TO AFFECT AQUATIC ORGANISMS, SECONDARY WASTE TREATMENT MICROO  
RGANISMS AND THE GERMINATION AND GROWTHOF SOME PLANTS. PRODUCT NOT  
LIKELY TO BIOCONCENTRATE.

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

HCC:N1  
NRC/State Lic Num:NONE  
Boiling Pt:B.P. Text:>212F,>100C  
Vapor Pres:18  
Vapor Density:0.6  
Spec Gravity:1.03-1.09  
pH:6.5  
Solubility in Water:COMPLETE  
Appea

rance and Odor:COLORLESS LIQUID, ODORLESS  
Percent Volatiles by Volume:90-95

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

Stability Indicator/Materials to Avoid:YES  
BASES, SODIUM HYPOCHLORITE (BLEACH), STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:NO INFORMATION GIVEN BY MFR ON MSDS.  
Hazardous Decomposition Products:AMMONIA

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING  
E  
NVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR  
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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