

EASTMAN KODAK CO -- KODAK RP X-OMAT FIXER & REPLENISHER, PART A -- 6525-01-075-8325  
===== Product Identification =====

Product ID:KODAK RP X-OMAT FIXER & REPLENISHER, PART A

MSDS Date:10/14/1991

FSC:6525

NIIN:01-075-8325

MSDS Number: BQQHH

=== Responsible Party ===

Company Name:EASTMAN KODAK CO

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

Info Phone Num:716-724-4501

Emerge

ncy 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: 40-45%

Other REC Limits:NONE SPECIFIED

Ingred Name:AMMONIUM THIOSULFATE

CAS:7783-18-8

RTECS #:XN6465000

Fractio

n by Wt: 35-40%  
Other REC Limits:NONE SPECIFIED

Ingred Name:SODIUM THIOSULFATE  
CAS:7772-98-7  
RTECS #:XN6476000  
Fraction by Wt: 10-15%  
Other REC Limits:NONE SPECIFIED

Ingred Name:AMMONIUM ACETATE (SASA III)  
CAS:631-61-8  
RTECS #:AF3675000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:AMMONIUM BISULFITE (SARA III)  
CAS:10192-30-0  
RTECS #:WT3595000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE SPECIFIED  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:SODIUM BISULFITE (SASA III)  
CAS:7631-90-5  
RTECS #:VZ2000000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:SODIUM ACETATE  
CAS:126-96-5  
RTECS #:AJ4375000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT ESTABLISHED.  
Routes o

f Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION: LOW HAZARD FOR RECOMMENDED HANDLING. SKIN: LOW HAZARD FOR RECOMMENDED HANDLING. INGESTION: EXPECTED TO BE A LOW INGESTION HAZARD.  
Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.  
Effects of Overexposure:EYES: NOSPECIFIC HAZARD KNOWN TO EASTMAN KODAK COMPANY. HOWEVER, ANY MATERIAL THAT CONTACTS THE EYE MAY BE IRRITATING.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH PLENTY OF WATER. SKIN: WASH AFETR EACH CONTACT. INGESTION: DRINK 1-2 GLASSES OF WATER. SEEK MEDICAL ATTENTION.

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

Flash Point:NONE  
Extinguishing Media:WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE, "A LCOHOL" FOAM.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS ANDPROTECTIVE CLOTHING.  
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:FLUSH MATERIAL TO SEWER WITH LARGE AMOUNTS OF WATER.

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

Handling and Storage Precautions:KEEP FROM CONTACT WITH OXIDIZING MATERIALS. KEEP CONTAINER TIGHTLY CLOSED AND AWAY FROM ACIDS AND BASES.  
Other Precautions:NONE

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

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.  
Ventilation:GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS.  
Protective Gloves:YNONE SPECIFIED BY MANUFACTURER.NEOPRENE  
Eye Protection:SAFETY GLASSES SHOULD BE WORN.  
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.  
Work

Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

KEY1:C3. THIS IS A 2-PART KIT. FORMULA CHANGED. SEE PNI A FOR PREVIOUS FORMULATION. TYPICALLY 10 ROOM VOLUMES PER HOUR IS CONSIDERED GOOD GENERAL VENTILATION: VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS OF USE.

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

HCC:C3

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

Vapor Pres:18 @20C

Vapor Density:0.6

AIR=1

Spec Gravity:1.361

pH:4.10

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS SOLUTION; SLIGHT AMMONIA ODOR.

Percent Volatiles by Volume:45

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG BASES

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON DIOXIDE AND PROBABLY CARBON MONOXIDE AS WELL AS AMMONIA AND OXIDES OF SULFUR AND NITROGEN.

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

Waste Disposal Methods:DISCHARGE, TREATMENT, OR DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE AND LOCAL LAWS.

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