

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

Product ID:KODAK RAPID FIXER, PART A
MSDS Date:04/08/1991
FSC:6750
NIIN:00-619-9946
Kit Part:Y
MSDS Number: BFJJN
=== 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
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: 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:BORIC ACID
CAS:10043-35-3
RTECS #:ED4550000
Fraction by Wt: 1-5%
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

===== 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, SKIN, AND INGESTION-
EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING. EYES- NO
SPECIFIC HAZARD KNOWN.
Effects of Overexposure:EYES- MAY CAUSE TRANSIENT IRRITATION.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION- IF SYMPTOMATIC, REMOVE TO FRESH AIR.
EYES-
IMMEDIATELY FLUSH WITH PLENTY OF WATER. SKIN- WASH AFTER EACH
CONTACT. INGESTION- DRINK 1-2 GLASSES OF WATER. GET MEDICAL
ATTENTION FOR ANY ROUTE OF EXPOSURE IF IRRITATION PERSISTS.

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

Flash Point:NONE
Extinguishing Media:USE APPROPRIATE AGENT FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE
PRODUCTION

OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

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

Neutralizing Agent:NONE

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

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

Other Precautions:NONE

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

Respiratory Protection:SUPPLEMENTARY RESPIRATORY PROTECTION MAY BE NEEDED IN SPECIAL CIRCUMSTANCES.

Ventilation:GOOD VENTILATION SHOULD BE SUFFICIENT.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:NONE

Work Hygienic Practices:WASH HANDS AFTER CONTACT WITH THIS MATERIAL.

Supplemental Safety and Health
NONE

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

HCC:C3

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

Vapor Pres:18 MM HG

Vapor Density:0.6

Spec Gravity:1.318

pH

:5.0

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR LIGHT YELLOW SOLUTION. SLIGHT SULFUR DIOXIDE AND ACETIC ACID ODOR.

Percent Volatiles by Volume:64

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

Stability Indicator/Materials to Avoid:YES
STRONG ALKALI.

Stability Condition to Avoid:EXTREME TEMPERATURES.

Hazardous Decomposition Products:OXIDES OF NITROGEN, SULFUR AND AMMONIA GAS.

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

Waste Di

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

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