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EASTMAN KODAK COMPANY -- 173 3013 RAPID FIXER, WORKING SOLUTION (PAPER)

6750-01-354-7466

Product ID:173 3013 RAPID FIXER, WORKING SOLUTION (PAPER)

MSDS Date:11/08/1995

FSC:6750

NIIN:01-354-7466

Kit Part:Y

MSDS Number: BZPMT === Responsible Party ===

Company Name: EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY ZIP:14650 Country:US Info Ph

one Num:716-477-3194 MSDS:800-242-2424

Emergency Phone Num:716-722-5151

CAGE:19139

=== Contractor Identification ===

Company Name: BADGER GRAPHIC SALES INC

Address:1225 DELANGLADE ST

Box:46

City:KAUKAUNA

State:WI

ZIP:54130-0046

Country:US

Phone:414-766-9332

CAGE:0E4P0

Company Name: EASTMAN KODAK CO GOVERNMENT MARKETS CONTRACTS

Address:343 STATE ST Box:Citv:ROCHESTER

State:NY

ZIP:14650-1115

Country:US

Phone:716-722-5151/(800) 242-2424

CAGE:19139

Company Name: EASTMAN KODAK CO US CUSTOMER SERVICE/G

OVERNMENT SALES Address:800 LEE RD Box:City:ROCHESTER

State:NY

ZIP:14650-3129 Country:US

Phone:800-828-6203

CAGE:5K871

======= 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 ACETATE

CAS:127-09-3

RTECS #:AJ4300010 Fraction by Wt: 1-

5% %

Other REC Limits: NONE RECOMMENDED

Ingred Name:BORIC ACID

CAS:10043-35-3 RTECS #:ED4550000 Fraction by Wt: < 1%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:10 MG BORATES/M3 ACGIH TLV:5 MG BORATES/M3

Ingred Name: AMMONIUM SULFITE (SARA III)

CAS:10196-04-0 Fraction by Wt: < 1%

Other REC Limits: NONE RECOMMENDED

EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

Ingred Name: ACETIC ACID (SARA III)

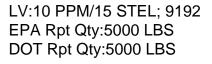
CAS:64-19-7

RTECS #:AF1225000 Fraction by Wt: < 1%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:10 PPM

ACGIH T



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

LD50 LC50 Mixture: NOT GIVEN FOR WORKING SOLUTION

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EXPECTED TO BE A LOW INHALATION HAZARD FOR RECOMMENDED HANDLING. MAY CAUSE TRANSIENT EYE IRRITATION. LOW SKIN CONTACT HAZARD FOR RECOMMENDED HANDLING. 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: EYE IRRITATION.

Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid:INHALATION: IF SYMPTOMATIC, MOVE TO FRESH AIR. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES: WASH OUT IMEEDIATELY WIT H

WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. SKIN: WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. INGESTION: DRINK 1-2 GLASSES OF WATER. SEEK MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point:NONFLAMMABLE Lower Limits:NOT GIVEN Upper Limits:NOT GIVEN

Extinguishing Media: USE APPROPRIATE AGENT FOR ADJACENT FIRE.

Fire Fighting Procedures:WEAR SELF-CONT

AINED BREATHING APPARATUS AND

PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSTION PRODUCTS.

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

Spill Release Procedures:MAY REQUIRE NEUTRALIZATION. FLUSH TO SEWER IF ALLOWABLE WITH LARGE AMOUNTS OF WATER. OTHERWISE, ABSORB SPILL WITH VERMICULITE OR OTHER INERT MATERIAL, THEN PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLE AN SURFACE TO REMOVE RESIDUAL CONTA

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.
============ Handling and Storage ==============
Handling and Storage Precautions:USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. KEEP FROM CONTACT WITH OXIDIZING MATERIALS. KEEP CONTAINER TIGHTLY CLOSED. Other Precautions:KEEP AWAY FROM INCOMPATIBLE MATERIALS.
====== Exposure Controls/Personal Protection ========
Respiratory Protection:NONE SHOULD BE NEEDED. Ventilation:GOOD GENERAL VENTILATION, TYPICALLY 10 AIR CHANGES PER HOUR, SHOULD BE USED. RATES SHOULD MATCH CONDITIONS. Protective Gloves:IMPERVIOUS Eye Protection:SAFETY GLASSES W/SIDE SHIELDS OR GOGGLES Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE. Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. Supplemental Safety and Health REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.
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HCC:C3 Boiling Pt:B.P. Text:>212F,>100C Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN Vapor Pres:18 Vapor Density:0.6 Spec Gravity:1.04 pH:4.4 Evaporation Rate & Description of the Company of th
========= Stability and Reactivity Data =======

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Stability Indicator/Materials to Avoid:YES

BASES, SODIUM HYPOCHLORITE (BLEACH), STRONG OXIDIZING AGENTS, STRONG ACIDS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER. Hazardous Decomposition Products:AMMONIA, NITROGEN OXIDES, SULFUR DIOXIDE, CHLORAMINE.

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

Waste Disposal Methods:DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO NATIONAL, STATE OR LOCAL LAWS. MAY REQUIRE NEUTRALIZATION IF PH

2.0 OR PH > 12.5. DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND L OCAL REGULATIONS.

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