

EASTMAN KODAK CO. -- 173 3013 RAPID FIXER,PART B -- 6750-01-354-7466

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Product Identification  
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Product ID:173 3013 RAPID FIXER,PART B

MSDS Date:01/15/1990

FSC:6750

NIIN:01-354-7466

MSDS Number: BPCGP

=== 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/PACK=JOHN 716-588-3559

Emergency Pho

ne Num:716-722-5151(72)/FAX 716-724-9656

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

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Composition/Information on Ingredients  
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Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 65 - 74%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ALUMINUM SULFATE (SARA III)

CAS:10043-01-

3  
RTECS #:BD1700000  
Fraction by Wt: 15 - 20%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:SULFURIC ACID (SARA III)  
CAS:7664-93-9  
RTECS #:WS5600000  
Fraction by Wt: 11%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS 500 - 5000 MG/KG  
Rou  
tes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE- INHALATION:LOW HAZARD FOR  
RECOMMENDED HANDLING. EYES:MAY CAUSE SEVERE IRRITATION, BURNS AND  
BLINDNESS. SKIN:CONTACT CAUSES SEVERE BURNS AND IRRITATION.  
ORAL:HARMFUL & BURNS MOUTH, THROAT, ESOPHAGUS AND STOMACH.  
CHRONIC- NONE KNOWN.  
Effects of Overexposure:INHALATION HAS LOW HAZARD FOR RECOMMENDED  
HANDLING. MAY CAUSE SEVERE EYE IRR  
ITATION, BURNS AND BLINDNESS.  
SKIN CONTACT CAUSES SEVERE BURNS AND IRRITATION. HARMFUL & BURNS  
MOUTH, THROAT, ESOPHAGUS AND STOMACH IF SWALLOWED.  
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE  
MORE SUSCEPTIBLE TO THIS MATERIAL.

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

First Aid:GET MEDICAL ATTENTION IMMEDIATELY. EYE/SKIN:IMMEDIATELY FLUSH  
WITH WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS OPEN.  
INHALED:REMOVE TO FRESH AIR.

ORAL:DO NOT INDUCE VOMITING. IF  
CONSCIOUS, DRINK WATER /MILK. CALL A PHYSICIAN IMMEDIATELY. NEVER  
GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point:NONE

Extinguishing Media:EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND  
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:AVOID SKIN CONTACT. WEAR SUITABLE PROTECTIVE  
EQUIPMENTS. VENTILATE AREA. NEUTRALIZE WITH BAKING SODA. FLUSH TO  
SEWER WITH PLENTY OF WATER. WASH CONTAMINATED AREA WITH WATER.  
FEDERAL, STATE AND LOCAL REGULATIONS TAKE PRECEDENCE.

Neutralizing Agent:SODIUM BICARBONATE

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

Handling and Storage Precautions:STORAGE- AVOID CONTACT WITH CAUSTIC.

Other Precautions:KEEP

THIS AND ALL CHEMICALS OUT OF REACH OF CHILDREN.

THIS PRODUCT FOR INDUSTRIAL USE ONLY. AVOID BREATHING VAPORS OR  
MISTS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY  
AFTER HANDLING.

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

Respiratory Protection:NON REQUIRED UNDER NORMAL CONDITIONS. IF HIGH  
VAPOR OR MIST CONCENTRATIONS EXPECTED, USE NIOSH-APPROVED  
RESPIRATOR FOR ACID MISTS. WEAR SUPPLIED-AIR RESPIRATOR PROTECTION  
IN CONFINED OR

ENCLOSED SPACES, IF NEEDED.

Ventilation:GOOD GENERAL VENTILATION IS SUFFICIENT FOR MOST CONDITIONS  
(10 ROOM VOLUMES PER HOUR).

Protective Gloves:IMPERVIOUS

Eye Protection:GOGGLES/FACE SHIELD

Other Protective Equipment:ROUTINE USE OF ACID TYPE CLEANSER & GLOVES  
WILL MINIMIZE ALLERGIC SKIN REACTION. HAVE EYE WASH STATION &  
SHOWER NEARBY.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR  
FOOTWEAR.

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

HCC:C1  
Boiling Pt:B.P. Text:>212F,>100C  
Vapor Pres:18 @ 20C  
Vapor Density: 0.6  
Spec Gravity:1.30  
pH: 1.0  
Solubility in Water:COMPLETE  
Appearance and Odor:CLEAR, WATER-WHITE SOLUTION; SLIGHT SULFUR DIOXIDE  
ODOR.  
Percent Volatiles by Volume: 71

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

Stability Indicator/Materials to Avoid:YES  
ALKALI  
Stability Co  
ndition to Avoid:EXCESSIVE HEAT  
Hazardous Decomposition Products:NONE

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

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

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