Product ID:RP X-OMAT LO FIXER, 886 8804 MSDS Date:08/02/1995 FSC:6525 NIIN:01-423-2149 Kit Part:Y MSDS Number: BYRZD === Responsible Party === Company Name: EASTMAN KODAK COMPANY Address:343 STATE STREET City:ROCHESTER State:NY ZIP:14650 Country:US Info Phone Num:716-477-3194 MSDS :800- 242-2424 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 Ingred Name:WATER

CAS:7732-18-5 RTECS #:ZC0110000 Fraction by Wt: 45-50% % Other REC Limits:NONE RECOMMENDED

Ingred Name:AMMONIUM THIOSULFATE CAS:7783-18-8 RTECS #:XN 6465000 Fraction by Wt: 35-40% % Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM THIOSULFATE CAS:7772-98-7 RTECS #:XN6476000 Fraction by Wt: 1-5% % Other REC Limits:NONE RECOMMENDED

Ingred Name:ACETIC ACID (SARA III) CAS:64-19-7 RTECS #:AF1225000 Fraction by Wt: 1-5% % Other REC Limits:NONE RECOMMENDED OSHA PEL:10 PPM ACGIH TLV:10 PPM/15 STEL; 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 RECOMMENDED EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

LD50 LC50 Mixture:ORAL LD50 (RAT): NOT GIVEN 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. SOMETIMES LIBERATES SULFUR DIOXIDE GAS WHICH IS IRRITATING TO RESPIRATORY TRACT. MAY CAUSE TRAN SIENT EYE IRRITATION. LOW SKIN CONTACT H AZARD 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, RESPIRATORY TRACT IRRITATION. Medical Cond Aggravated by Exposure:SOME ASTHMATICS OR HYPERSENSITIVE INDIVIDUALS MAY EXPERIENCE DIFFICULT BREATHING, WHEEZING, CHEST TIGHTNESS

, STOMACH UPSET, HIVES, FAINTNESS, WEAKNESS, DIARRHEA.

First Aid:INHALATION: IF SYMPTOMATIC, MOVE TO FRESH AIR. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES: WASH OUT IMEEDIATELY WITH 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 UN CONSCIOUS PERSON.

Flash Point:NONFLAMMABLE Lower Limits:NOT GIVEN Upper Limits:NOT GIVEN Extinguishing Media:USE APPROPRIATE AGENT FOR ADJACENT FIRE. Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

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

Spill Release

Procedures: 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. CLEAN SURFACE TO REMOVE RESIDUA L CONTAMINATION. Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Handling and Storage Precautions: AVOID BREATHING VAPOR. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. USE WITH ADEQUATE VENTILATION. WASH

THOROUGHLY AFTER HANDLING.

Other Precautions: KEEP AWAY FROM OXIDIZING MATERIALS. KEEP CONTAINER TIGHTLY CLOSED. KEEP AWAY FROM INCOMPATIBLE SUBSTANCES.

Respiratory Protection:NONE SHOULD BE NEEDED. IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS BELOW PELS, AN APPROVED RESPIRATOR MUST BE WORN. RESPIRATOR TYPE: ACID GAS. 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. 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:1.29 pH:4.5

Evaporation Rate & amp; Reference:NOT GIVEN Solubility in Water:COMPLETE Appearance and Odor:LIGHT GREEN LIQUID, VINEGAR ODOR Percent Volatiles by Volume:47%

Stability Indicator/Materials to Avoid:YES
BASES, SODIUM HYP
OCHLORITE (BLEACH), STRONG OXIDIZING AGENTS, STRONG ACIDS.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:AMMONIA, NITROGEN OXIDES, SULFUR DIOXIDE, CHLORAMINE.

Waste Disposal Methods:DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO NATIONAL, STATE OR LOCAL LAWS. DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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