View NSN Online: https://aerobasegroup.de/nsn/6750-01-376-5884

EASTMAN KODAK COMPANY -- 158 2352,PT B,KODAK EKTACOLOR RA BLEACH FIXER / RA-4 -- 6750-01-376-5884

Product ID:158 2352, PT B, KODAK EKTACOLOR RA BLEACH FIXER / RA-4 MSDS Date:07/22/2000 FSC:6750 NIIN:01-376-5884 Status Code:A Kit Part:Y **MSDS Number: CKTYH** === Responsible Party === Company Name: EASTMAN KODAK COMPANY Address:343 STATE STREET City:ROCHESTER State:NY ΖI P:14650 Country:US Info Phone Num:716-477-3194 MSDS :800- 242-2424 Emergency Phone Num:716-722-5151 Preparer's Name:NOT PROVIDED 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 Company Name: EASTMAN KODAK CO US CUSTOMER SERVICE/GOVERNMENT SALES Address:800 LEE RD Box:City:ROCHESTER State:NY ZIP:14650-3129 Country:US Phone:8

00-828-6203 CAGE:5K871

Ingred Name:WATER CAS:7732-18-5 RTECS #:ZC0110000 Minumum % Wt:75. Maxumum % Wt:80. Other REC Limits:NOT PROVIDED Code:F Code:F Ingred Name: AMMONIUM FERRIC ETHYLENEDIAMINETETRAACETIC ACID CAS:21265-50-9 Minumum % Wt:15. Maxumum % Wt:20. Other REC Limits:NOT PROVIDED **OSHA PEL:NOT PROVIDED** ACGIH TLV:NOT PROVIDED Ingred Name: ACETIC ACID CAS:64-19-7 RTECS #:AF1225000 Minumum % Wt:1. Maxumum % Wt:5. Other **REC Limits:NOT PROVIDED** OSHA PEL:25 MG/M3;10 PPM ACGIH TLV:25 MG/M3;10 PPM ACGIH STEL:37 MG/M3;15 PPM EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS Ingred Name: DIAMMONIUM ETHYLENEDIAMINETETRAACETIC ACID CAS:20824-56-0 Minumum % Wt:1. Maxumum % Wt:5. Other REC Limits:NOT PROVIDED **OSHA PEL:NOT PROVIDED** ACGIH TLV:NOT PROVIDED

LD50 LC50 Mixture:NOT PROVIDED Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute an d Chronic: EFFECTS OF EXPOSURE: GENERAL: CONTAINS: AMMONIUM FERRIC ETHYLENEDIAMINETETRAACETIC ACID. THIS COMPOUND CAN CHELATE METALS AND MAY ALTER CALCIUM AND OTHER CATION BALANCES. CONTAINS: DIAMMONIUM ETHYLENE DIAMINETETRAACETIC ACID. THIS COMPOUND CAN CHELATE METALS AND MAY ALTER CALCIUM AND OTHER CATION BALANCES. INHALATION: EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING. EYES: NO SPECIFIC HAZARD KN OWN. MAY CAUSE TRANSIENT IRRITATION. SKIN: LOW HAZARD FOR RE COMMENDED HANDLING. INGESTION: EXPECTED TO BE A LOW INGESTION HAZARD. Explanation of Carcinogenicity:CARCINOGENICITY CLASSIFICATION (COMPONENTS PRESENT AT 0.1% OR MORE): - INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC): NONE - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH): NON E - NATIONAL TOXICOLOGY PROGRAM (NTP): NONE - OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA): NONE Effects of Overexposure: EYES: MAY CAUSE TRANSIENT IRRITATION. Medical Cond Aggravated by Exposure:NOT PROVIDED First Aid:INHALATION: IF SYMPTOMATIC, MOVE TO FRESH AIR. TREAT SYMPTOMATICALLY. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTEN TION IF SYMPTOMS OCCUR. SKIN: WASH WITHSOAP AND WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. WASH CONTAMINATED CLOTHING BEFORE REUSE. DESTROY OR THOROUGH LY CLEAN CONTAMINATED SHOES, INGESTION: DRIN K 1-2 GLASSES OF WATER. SEEK MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Flash Point:NONE Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL FOAM. Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS. Unusual

Fire/Explosion Hazard:NONE

Spill Release Procedures: FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER. OTHERWISE, ABSORB SPILL WITH VERMICULITE OR OTHER INERT MATERIAL, THEN PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION. Neutralizing Agent: NOT PROVIDED

Handling and Storage Precautions: KEEP CONTAINER

TIGHTLY CLOSED. KEEP

CONTAINER TIGHTLY CLOSED. KEEP AWAY FROM INCOMPATIBLE SUBSTANCES (SEE INCOMPATIBILITY SECTION). KEEP FROM CONTACT WITH OXIDIZING MATERIALS.

Other Precautions: AVOID PROLONGED OR REPEATED BREATHING OF MIST OR VAPOR. AVOID CONTACT WITH EYES AND PROLONGED OR REPEATED CONTACT WITH SKIN. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

Respiratory Protection:NONE SHOULD BE

NEEDED. A RESPIRATOR SHOULD BE

WORN IF HAZARDOUS DECOMPOSITION PRODUCTS ARE LIKELY TO BE OR HAVE BEEN RELEASED. RESPIRATOR TYPE: FULL-FACE POSITIVE-PRESSURE AIR-SUPPLIED. SEE STABILITY AND REACTIVITY SECTION. IF RESPIRATORS ARE USED, A PROGRAM SHOULD BE INSTITUTED TO ASSURE COMPLIANCE WITH OSHA STANDARD 29 CFR 1910.134.

Ventilation: GOOD GENERAL VENTILATION (TYPICALLY 10 AIR CHANGES PER HOUR) SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS.

Protectiv

e Gloves:FOR PROLONGED OR REPEATED SKIN CONTACT: WEAR IMPERVIOUS GLOVES.

Eye Protection:WEAR SAFETY GLASSES WITH SIDE SHIELDS (OR GOGGLES). Other Protective Equipment:EYE BATH, WASHING FACILITIES, SAFETY SHOWER.

Work Hygienic Practices: IT IS A GOOD INDUSTRIAL HYGIENE PRACTICE TO MINIMIZE EYE CONTACT. IT IS A GOOD INDUSTRIAL HYGIENE PRACTICE TO MINIMIZE SKIN CONTACT.

Supplemental Safety and Health

SUPPLEMENTARY LOCAL EXHAUST VENTILATION, CLOSED SYSTEMS, OR RESPIRATORY PROTECTION

MAY BE NEEDED IN SPECIAL CIRCUMSTANCES SUCH AS POORLY VENTILATED SPACES, EVAPORATION FROM LARGE SURFACES, SPRAYING, H EATING, ETC.

HCC:N1 NRC/State Lic Num:NOT RELEVANT Boiling Pt:>100.C, 212.F Melt/Freeze Pt:M.P/F.P Text:NOT PROVIDED Decomp Temp:Decomp Text:NOT PROVIDED Vapor Pres:24 MBAR(18 MM HG)@ 68F Vapor Density:0.6 Spec Gravity:1.12 pH:6.2 Viscosity:NOT PROVIDED Evaporation Rate & amp; Reference: NOT PROVIDED Sol ubility in Water:COMPLETE Appearance and Odor: BROWN LIQUID WITH SLIGHT AMMONIA ODOR. Percent Volatiles by Volume:75-80 WT Corrosion Rate:NOT PROVIDED

Stability Indicator/Materials to Avoid:YES STRONG OXIDIZING AGENTS, BASES, SODIUM HYPOCHLORITE (BLEACH). Stability Condition to Avoid:NOT PROVIDED Hazardous Decomposition Products:AMMONIA, CHLORAMINE, CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN.

Toxicological Information:EFFECTS OF EXPOSURE: GENERAL: CONTAINS: AMMONIUM FERRIC ETHYLENEDIAMINETETRAACETIC ACID. THIS COMPOUND CAN CHELATE METALS AND MAY ALTER CALCIUM AND OTHER CATION BALANCES. CONTAINS: DIAMMONIUM ETHYLENE DIAMINETETRAACETIC ACID. THIS COMPOUND CAN CHELATE METALS AND MAY ALTER CALCIUM AND OTHER CATION BALANCES. INHALATION: EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING. EYES: NO SPECIFIC HAZARD KN O

WN. MAY CAUSE TRANSIENT	
IRRITATION. SKIN: LOW HAZARD FOR RECOMMENDED HANDLING. INGESTION:	:
EXPECTED TO BE A LOW INGESTION HAZARD.	
	:

Ecological:THE FOLLOWING PROPERTIES ARE ESTIMATED FROM THE COMPONENTS OF THE PREPARATIONS. POTENTIAL TOXICITY: FISH LC50 MG/L: >100. DAPHNID EC50 MG/L: 10-100. ALGAL IC50 MG/L: >100. ORGANICS READILY DEGRA DABLE (>70%): YES (7 DAYS). POTENTIAL BIOACCUMULATION: LOG POW 1 00. A FTER DILUTION WITH A LARGE

AMOUNT OF WATER, FOLLOWED BY SECONDARY WASTE TREATMENT, THIS MATERIAL IS NOT EXPECTED TO CAUSE ADVERSE ENVIRONMENTAL EFFECTS.

Waste Disposal Methods:DISCHARGE, TREATMENT, OR DISPOSAL MAY BE SUBJECT TO NATIONAL, STATE, OR LOCAL LAWS. FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER.

Transport Information:FOR TRANSPO RTATION INFORMATION REGARDING THIS PRODUCT CALL THE KODAK WORLDWIDE TRANSPORTATION HAZMAT HOT LINE: (716) 722-2400 BETWEEN 8 A.M. AND 5 P.M. (EASTERN STANDARD TIME), MONDAY THROUGH FRIDAY .

SARA Title III Information:CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OR TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR PART 372: AMMONIUM THIOS
ULFATE (AS CHE MICAL SOURCE OF AQUEOUS AMMONIA)
Federal Regulatory Information:NOT PROVIDED
State Regulatory Information:MATERIAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER: NONE - MATERIAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE ADVERSE REPRODUCTIVE EFFECTS: NONE

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