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EASTMAN KODAK COMPANY -- 180 5134 RP X-OMAT FIXER & REPLENISHER, PART A

6525-01-076-8677

Product ID:180 5134 RP X-OMAT FIXER & REPLENISHER, PART A

MSDS Date: 08/02/1995

FSC:6525

NIIN:01-076-8677

MSDS Number: CDQMW === 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

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:800-828-6203

CAGE:5K871

======= Composition/Information on

Ingredients =======

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000 Fraction by Wt: 40-45%

Other REC Limits: NONE RECOMMENDED

Ingred Name: AMMONIUM THIOSULFATE

CAS:7783-18-8

RTECS #:XN6465000 Fraction by Wt: 35-40%

Other REC Limits: NONE RECOMMENDED

Ingred Name: SODIUM THIOSULFATE

CAS:7772-98-7

RTECS #:XN6476000 Fraction by Wt: 10-15%

Other REC Limits: NONE RECOMMENDED

Ingred Name: AMMONIUM BISULFITE (CERCLA)

CAS:10192-30-0 RTECS #:WT3595000 Fraction by Wt: 1-5%

Other REC Limits: NONE RECO

**MMENDED** 

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

Ingred Name: AMMONIUM ACETATE (CERCLA)

CAS:631-61-8

RTECS #:AF3675000 Fraction by Wt: 1-5%

Other REC Limits: NONE RECOMMENDED

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

Ingred Name: SODIUM BISULFITE (SASA III) (CERCLA)

CAS:7631-90-5

RTECS #:VZ2000000 Fraction by Wt: 1-5%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3; 9596 EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

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

====== LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER. Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic: INHAL: EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING. EYES:NO SPECIFIC HAZARD KNOWN.MAY CAUSE TRANSIENT IRRITATION. SKIN:LOW HAZARD FOR RECOMMENDED HANDLING. INGEST: EXPECTED TO BE LOW INGESTION HAZRD. Explanation of Carcinogenicity: PER MSDS: CARCINOGENICITY CLASSIFICATION: IARC/A CGIH/NTP/OSHA:NONE. Effects of Overexposure:TRANSIENT EYE IRRITATION. Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER. First Aid:INHAL:IF SYMPTOMATIC MOVE TO FRESH AIR. GET MED ATTN IF SYMPTONS PERSIST. EYES:ANY MATL THAT CONTACTS EYE SHOULD BE WASHED OUT IMMED W/WATER. GET MED ATTN IF SYMPTOMS OCCUR. SKIN:WASH W/SOAP & WATER. GET MED ATTN IF SYMPTOMS OCCUR. INGEST: DRINK 1-2 GLASSES OF WATE R. SEEK MED ATTN. Flash Point:NONE Autoignition Temp: Autoignition Temp Text: NP Extinguishing Media: WATER SPRAY, CARBON DIOXIDE (CO2), DRY CHEMICAL, ALCOHOL FOAM. Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS. Unusual Fire/Explosion Hazard: DRIED PRODUCT RESIDUE CAN ACT AS A REDUCING AGENT. ======== ===== Accidental Release Measures ========== Spill Release Procedures:FLUSH TO SEWER W/LG AMTS OF WATER. Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER. ============= Handling and Storage ==========================

Handling and Storage Precautions: USE W/ADEQUATE VENTI.KEEP FROM CONTACT W/OXIDIZING MATLS.KEEP CNTNR TIGHTLY CLOSED.KEEP AWAY FROM INCOMPATIBLE SUBSTANCES.

Other Precautions:PROPERTIES:MOD BIOCHEM OXY DEMAND,MAY CAUSE OXY DEPLETION IN AQU SYS.LOW POT

TO AFFECT AQU ORGANISMS/2ND WASTE
TREATMENT MICROBIAL METABOLISM/GERM &/OR EARLY GROWTH OF SOME
PLANTS/PERSIST IN ENVIRO/BI OCONCEN.AFT DILUTION W/LG AMTS OF
(SUPP)

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

Respiratory Protection: NONE SHOULD BE NEEDED.

Ventilation: GOOD GENERAL VENTILATION (TYPICALLY 10 AIR CHANGES/HR)

SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS

Protective Gloves: IMPERVIOUS GLOVES.

Eve Protection: SAFETY GLASSES W/

SIDE SHIELDS, GOGGLES.

Other Protective Equipment: EYEBATH, WASHING FACILITIES, SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFT HNDLG.GOOD INDUSTRIAL HYG PRAC TO MIN EYE/SKIN CONTACT.

Supplemental Safety and Health

OTHER PRECAUT:WATER/2ND WASTE TREAT MATL NOT EXPECTED TO CAUSE ADVERSE ENVIRO EFFECTS. TO MAKE 200 GALLONS.

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

HCC:N1

Boiling Pt:B.P. Text:>212F,>100C Melt/Freeze Pt:M.P/F.P Text:NP

Decomp Temp:Decom

p Text:NP

Vapor Pres:18 @20C Vapor Density:0.6 Spec Gravity:1.361

pH:4.1

Viscosity:NP

Evaporation Rate & Dr. Reference: NP

Solubility in Water: COMPLETE.

Appearance and Odor:LIQUID, COLORLESS, SLIGHT AMMONIA ODOR.

Percent Volatiles by Volume:45

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS, BAES, SODIUM HYPOCHLORITE (BLEACH).CONTACT W/BASE LIBERATES FLAMMABLE MATL.

Stabili

ty Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:AMMONIA, CHLORAMINE. HAZ COMBUST PROD:CO2,CO,OXIDES OF NITROGEN,OXIDES OF SULFUR.

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

Waste Disposal Methods:DISCHARGE/TREATMENT/DISPOSAL MAY BE SUBJECT TO NATIONAL/STATE/LOCAL LAWS. FLUSH TO SEWER W/LG AMTS OF WATER. CHEM(S) SUBJ TO REPORTING REQMTS OF SEC 313 TITLE III SARA/40CFR372:NONE.

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