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EASTMAN KODAK COMPANY -- 149 3956 KODAK RA 2000 DEVELOPER & REPLENISHER, WORKING SOLN -- 6750-01-304-3618

============= Product Identification ==================

Product ID:149 3956 KODAK RA 2000 DEVELOPER & REPLENISHER, WORKING SOLN

MSDS Date:04/13/1995

FSC:6750

NIIN:01-304-3618

MSDS Number: BYSDY === Responsible Party ===

Company Name: EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY ZIP:14650

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ountry: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

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## Composition/Information on Ingredients ========

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000 Fraction by Wt: 80-91%

Other REC Limits: NONE RECOMMENDED

Ingred Name:SODIUM SULFITE

CAS:7757-83-7

RTECS #:WE2150000 Fraction by Wt: 1-5%

Other REC Limits: NONE RECOMMENDED

Ingred Name: POTASSIUM SULFITE

CAS:10117-38-1 RTECS #:WT3530000 Fraction by Wt: 1-5%

Other REC Limits: NONE RECOMMENDED

Ingred Name: DIETHYLENE GLYCOL

CAS:111-46-6

RTECS #:ID5950000 Fraction by Wt: 1-5% Other REC Limits:NON E RECOMMENDED

Ingred Name: HYDROQUINONE (SARA III)

CAS:123-31-9

RTECS #:MX3500000 Fraction by Wt: 1-5%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3; 9394

EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB

Ingred Name:POTASSIUM HYDROXIDE (SARA III)

CAS:1310-58-3 RTECS #:TT2100000 Fraction by Wt: 1-5%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:C 2 MG/M3

ACGIH TLV:C 2 MG/M3; 9394

EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

Ingred Name: POTASSIUM CARBONATE

CAS:584-08-7

RTECS #:TS7750000

Fracti

on by Wt: < 1% Other REC Limits: NONE RECOMMENDED ========= Hazards Identification =============== 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, CAUSES EYE IRRITATION, CAUSES SKIN IRRITATION, MAY CAUSE ALLERGIC SKIN REACTION, EXPECTED TO BE A LOW INGESTION HAZARD. **Explanation of Carcinogenicity: THIS COMPOUN** D CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS. Effects of Overexposure: EYE IRRITATION. SKIN IRRITATION. ALLERGIC SKIN REACTION. Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER. First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AN D WATER. IF IRRITATION PERSIST, GET MEDICAL ATTENTION. INH ALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: DRINK 1-2 GLASSES OF WATER. SEEK MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH IF UNCONSCIOUS. Flash Point:NONE Lower Limits:NOT GIVEN **Upper Limits:NOT GIVEN** Extinguishing Media: NONFLAMMABLE. USE EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING FIRE. Fire Fighting Procedur es:WEAR SELF-CONTAINED BREATHING APPARATUS &

PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER IF ALLOWABLE. OTHERWISE, ABSORB WITH VERMICULITE OR OTHER INERT MATERIAL, THEN PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE RE SIDUAL CONTAMINATION. Neutralizing Agent: NONE SPECIFIED BY M

ANUFACTURER.
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Handling and Storage Precautions:AVOID CONTACT WITH EYES, SKIN AND CLOTHIN. USE WITH ADEQUATE VENTILATION. THE ROUTINE USE OF A NONALKALINE SOAP WILL HELP MINIMIZE SKIN REACTIONS.  Other Precautions:KEEP FROM CONTACT WITH OXIDIZING AGENTS. KEEP CONTAINER TIGHTLY CLOSED. KEEP AWAY FROM INCOMPATIBLE SUBSTANCES.
====== Exposure Controls/Personal Protection ========
Respiratory Protection:NO NE 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. Eye Protection:SAFETY GLASSES W/SIDE SHIELDS, GOGGLES. Other Protective Equipment:RECOMMENDED DECONTAMINATION FACILITIES: EYEBATH, WASHING FACILITIES, SAFETY SHOWER. Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. Supp lemental Safety and Health WASH CONTAMINATED CLOTHING BEFORE REUSE. DESTROY OR THOROUGHLY CLEAN CONTAMINATED SHOES.
========= Physical/Chemical Properties ==========
HCC:B3 Boiling Pt:B.P. Text:212F,100C Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN Vapor Pres:18MM @20C Vapor Density:0.6 Spec Gravity:1.05 pH:10.3 Evaporation Pate & amp: Peference:NOT GIVEN

Evaporation Rate & Evaporation R

Solubility in Water:COMPLETE
Appearance and Odor:LIQUID, LIGHT YELLOW, ODORLESS.
Percent Volatiles by Volume:>90%

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===== Stab	ility and Reactivity Data ============
Stability Indicat	or/Materials to Avoid:YES
NONE WITH C	OMMON MATERIALS AND CONTAMINANTS WITH WHICH THE MATERIAL
MAY REASO	DNABLY COME INTO CONTACT.
Stability Condit	ion to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Dec	composition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD AN Y PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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