

EASTMAN KODAK COMPANY -- 847 7184, EKTACOLOR RA DEVELOPER REPLENISHER RT, PART B
-- 6750-01-320-4327

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

Product ID:847 7184, EKTACOLOR RA DEVELOPER REPLENISHER RT, PART B

MSDS Date:01/08/2001

FSC:6750

NIIN:01-320-4327

Kit Part:Y

MSDS Number: CLDQJ

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

Info Phone Num:716-722-5151/(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

Contract Num:SP0500-96D-9413-N375

CAGE:19139

Company Name:EASTMAN KODAK CO US CUSTOMER SERVICE/GOVERNMENT SALES

Address:800 LEE RD

Box:City:ROCHESTER

State:NY

ZIP:14650-31

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Country:US

Phone:800-828-6203

CAGE:5K871

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

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Minumum % Wt:70.

Maxumum % Wt:75.

Ingred

Name:4-(N-ETHYL-N-2-METHANESULFONYLAMINOETHYL)-2-METHYLPHENYLENEDIA
MINE SESQUISULFATE MONOHYDRATE

CAS:25646-71-3

RTECS #:PB0431000

Minumum % Wt:15.

Maxumum % Wt:20.

Other REC Limits:1 MG/M3 (MFR)

Wt:10.

Ingred Name:POTASSIUM SULFITE
CAS:10117-38-1
< Wt:1.

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:HARMFUL IF SWALLOWED. MAY CAUSE KIDNEY DAMAGE BASED ON ANIMAL DATA. MAY LIBERATE SULFUR DIOXIDE. VAPOR IRRITATING TO THE EYES AND RESPIRATORY TRACT. CAUSES SKIN AND EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. CAN DECOMPOSE AT ELEVATED TEMPERATURES.

Explan
ation of Carcinogenicity:CARCINOGENICITY CLASSIFICATION
(COMPONENTS PRESENT AT 0.1% OR MORE): INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC): NONE. AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENIST (ACGIH): NONE. N ATIONAL TOXICOLOGY PROGRAM (NTP): NONE. OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION (OSHA): NONE.

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

First Aid:INHALATION: MOVE OF FRESH AIR. TREAT SYMPTOMATICALLY. GET MEDICAL ATTEN
TION IF SYMPTOMS PERSIST. EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. SKIN: IMMED IATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. GET MEDICAL ATTENTION. WASH CONTAMINATED CLOTHING BEFORE REUSE. DESTROY OR THOROUGHLY CLEAN CO NTAMINATED SHOES. INGESTION: INDUCE VOMITING AS DIRECTED BY MEDIAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL PHY
SICIAN OR POISON CONTROL CENTER IMMEDIATELY.

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

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:FIRE OR HIGH TEMPERATURES MAY CAUSE DECOMPOSITION. KEEP FROM CONTACT WITH OXIDIZI

NG MATERIALS. KEEP
AWAY FROM HEAT.

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

Spill Release Procedures:ABSORB SPILL WITH VERMICULITE OR OTHER INERT
MATERIAL. PLACE IN CONTAINER FOR CHEMICAL WASTE.

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

Handling and Storage Precautions:AVOID BREATHING MIST OR VAPOR. DO NOT
GET INTO EYES, ON SKIN, ON CLOTHING. USE WITH ADEQUATE VENTILATION.
WASH THOROUGHLY AFTER HANDLING.

Other Precautions:P

REVENTION OF FIRE & EXPLOSION: NO SPECIAL
PRECAUTIONARY MEASURES SHOULD BE NEEDED UNDER ANTICIPATED
CONDITIONS OF USE.

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

Respiratory Protection:IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE
CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS, AN APPROVED
RESPIRATOR MUST BE WORN. RESPIRATOR TYPE: ACID GAS. IF RESPIRATORS
ARE USED, A PROGRAM SH OULD BE INSTITUTED TO ASSURE COMPLIANCE WITH
OSHA STANDARD 29 C

FR 1910.134.

Ventilation:GOOD GENERAL VENTILATION (10 CHANGES PER HOUR).
SUPPLEMENTARY LOCAL EXHAUST, CLOSED SYSTEM OR RESPIRATORY
PROTECTION MAY BE NEEDED.

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment:PROTECTIVE CLOTHING APPROPRIATE FOR THE RISK
OF EXPOSURE. EYE BATH, SAFETY SHOWER, WASHING FACILITIES.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER
BEFORE EATING, DRINKING, SMOKING OR USING TOILE
T FACILITIES.

Supplemental Safety and Health

ITEM IS A THREE PART KIT CONSISTING OF MSDS SERIAL NUMBERS: CDMNP,
CDMNQ AND CDMNR (WORKING SOLUTION).

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

HCC:B1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:>100.C, 212.F

Vapor Pres:24MBAR (18MMHG)

Vapor Density:0.6

Spec Gravity:1.104

pH:1.4

Solubility in Water:COMPLETE

Appearance and Odor:TAN LIQUID; SHARP SULFUR DIOXIDE ODOR.

Percent Volatiles by Volume:80-85%

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Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

BASES, STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: AVOID TEMPERATURES ABOVE 110°C (230°F).

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE,
OXIDES OF NITROGEN, OXIDES OF

===== Toxicological Information =====

Toxicological Information: DATA FOR

4-(N-ETHYL-N-2-METHANESULFONYLAMINOETHYL)-2-METHYLPHENYLENEDIAMINE
SESQUISULFATE MONOHYDRATE. AC

UTE TOXICITY DATA: ORAL LD-50 (MALE

RAT): 400 MG/KG (TARGET ORGAN EFFECTS: KIDNEY); ORAL LD-50 (FEMALE

RAT): 246 MG/KG; DERMAL LD-50: > 1000 MG/KG (HIGHEST DOSE TESTED);

SKIN IRRITATION: SLIGHT; REPEATED SKIN APPLICATION: MODERATE

IRRITATION; SKIN SENSITIZATION: MODERATE; SKIN SENSITIZATION (HU

MAN): POSITIVE; EYE IRRITATION (UNWASHED EYE): MODERATE; EYE

IRRITATION (WASHED EYE): SLIGHT. ORAL STUDY (2 YEARS, HAMSTER):

NOEL-0.04% IN DIET (HIGHEST DOSE TESTED). DERMAL ST

UDY (2 YEARS.

MOUSE): NO EL=62 MG/KG (ONLY DOSE TESTED).

===== Ecological Information =====

Ecological: POTENTIAL TOXICITY. FISH LC50 MG/L 1-10. DAPHNID EC50 MG/L

10-100. ALGAL IC50 MG/L 10-100. ORGANICS READILY DEGRADABLE

(>70%): YES (7 DAYS). POTENTIAL BIOACCUMULATION: LOG POW100.

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

Waste Disposal Methods: DISCHARGE, TREATMENT, OR DISPOSAL MAY BE SUBJECT
TO NATIONAL, STATE OR LO

CAL LAWS. SINCE EMPTIED CONTAINERS RETAIN

PRODUCT RESIDUE, FOLLOW LABEL WARNINGS EVEN AFTER CONTAINER IS

EMPTIED. CONTRACT WITH A LICENSED CHEMICAL DISPOSAL AGENCY.

===== MSDS Transport Information =====

Transport Information: FOR TRANSPORTATION 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.

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== Regulatory Information =====

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: NONE.

Federal Regulatory Information:OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA): NONE.

State Regulatory Information:MATERIAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER: NONE. MATERIAL(S) KNOWN TO THE STATE OF CALI

FORNIA TO CAUSE ADVERSE REPRODUCTIVE EFFECTS: NONE.

===== Other Information =====

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