

EASTMAN KODAK COMPANY -- 812 1857 FLEXICOLOR DEVELOPER REPLENISHER LORR, PART C
-- 6750-01-376-5892

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

Product ID:812 1857 FLEXICOLOR DEVELOPER REPLENISHER LORR, PART C

MSDS Date:07/19/1995

FSC:6750

NIIN:01-376-5892

MSDS Number: BZPMY

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

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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

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

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 50-55%

Other REC Limits:NONE RECOMMENDED

Ingred Name:4-(N-E

THYL-N-2-HYDROXYETHYL)-2-METHYLPHENYLENEDIAMINE
SULFATE

CAS:25646-77-9

RTECS #:KJ6477000

Fraction by Wt: 40-45%

Other REC Limits:NONE RECOMMENDED

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; 9495

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:CONTAINS

4-(N-ETHYL-N-2-HYDROXYETHYL)-2- METHYLPHENYLENEDIAMINE SULFATE. MAY CAUSE BLOOD DISORDERS. INHALATION: LIBERATES SULFUR DIOXIDE WHICH MAY IRRITATE RESPIRATORY TRACT. EYE:CAUSES IRRITATION. SK IN:MAY CAUSE IRRITATION OR ALLERGIC SKIN REACTION. INGESTION: MAY BE HARMFUL IF SWALLOWED. MAY CAUSE KIDNEY DAMAGE.

Explanation of Carci

nogenicity:IN ADDITION TO THE ABOVE, PRODUCT IS

NEGATIVE W/REGARD TO:ACGIH CANCER, CALIFORNIA CANCER & REPRODUCTIVE EFFECTS.

Effects of Overexposure:INHALATION:RESPIRATORY IRRITATION. EYE:

IRRITATION. SKIN:IRRITATION. ALLERGIC REACTION. INGESTION:HARMFUL. MAY CAUSE KIDNEY DAMAGE.

Medical Cond Aggravated by Exposure:LIBERATES SULFUR DIOXIDE.

ASTHAMATICS & SENSITIVE INDIVIDUALS MAY HAVE DIFFICULTY BREATHING.

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

First Aid:IF ANY SYMPTOMS OCCUR, GET IMMEDIATE MEDICAL ATTENTION.

INHALATION:MOVE TO FRESH AIR. TREAT SYMPTOMATICALLY. EYE:FLUSH W/PLENTY OF WATER FOR 15 MIN. SKIN:FLUSH W/WATER 15 MIN. WASH W/ACID TYPE SKIN CL EANER. REMOVE CONTAMINATED CLOTHING & LAUNDRER BEFORE REUSE. INGESTION:INDUCE VOMITING AS DIRECTED BY MEDICAL PERSONNEL. NOTHING BY MOUTH IF UNCONSCIOUS. CALL PHYSICIAN OR POISON CONTROL CNTR IMMEDIATE

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

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Flash Point:NONE

Extinguishing Media:USE WATER SPRAY, FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & PROTTECTIVE CLOTHING. FIRE/EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS. COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:ELEVATED TEMPERATURE CAN CAUSE DECOMPOSITION.

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

Spill Release Procedures:PREVENT RUNOFF TO DRAINS, SEWERS OR STREAMS.

ABSORB SPILL W/VERMICULITE OR OTHER INERT MATERIAL, THEN PLACE IN CONTAINER FOR CHEMICAL WASTE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL PLACE. KEEP CONTAINER CLOSED. KEEP FROM CONTACT W/OXIDIZING MATERIALS. KEEP AWAY FROM HEAT.

Other Precautions:THE ROUTINE USE OF A NONALKALINE (ACID) TYPE OF HAND CLEANER AND REGULAR CLEANING OF WORKING SURFACES WILL HELP MINIMIZE THE POSSIBILITY OF A SKIN REACTION.

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

Respiratory Protection:IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORN CONCENTRATIONS BELOW EXPOSURE LIMITS, USE AN APPROVED ACID GAS RESPIRATOR. COMPLY W/OSHA 29CFR1910-134.

Ventilation:USE GOOD GENERAL VENTILATION (10 CHANGES/HR). MATCH VENTILATION RATES TO CONDITIONS. LOCAL EXHAUST MAY BE REQUIRED.

Protective Gloves:IMPERVIOUS GLOVES

Eye Pr

tection:SAFETY GLASSES W/SIDE SHIELDS OR GOGGLES

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

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

Supplemental Safety and Health

KEY1:C2

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

HCC:C2

Boiling Pt:B.P. Text:>212F,>100C

Vapor Pres:18 MM

Vapor Density:0.6

Spec Gravity:1.10

pH:2.0

Solubility in Water:COMPLETE

Appearance and Odor:LIQUID, LIGHT YELLOW, STRONG SULFUR DIOXIDE ODOR

Percent Volatiles by Volume:50-60

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

Stability Indicator/Materials to Avoid:YES

BASES, STRONG OXIDIZING AGENTS

Stability Condition to Avoid:MATERIAL CAN DECOMPOSE ABOVE 170C. AVOID TEMPERATURE ABOVE 70C.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

Conditions to Avoid Polymerization:WI

LL NOT OCCUR.

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

Waste Disposal Methods:DISCHARGE, TREATMENT, OR DISPOSAL MAY BE SUBJECT TO NATIONAL, STATE, OR LOCAL LAWS. CONTRACT W/LICENSED DISPOSAL AGENCY.

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