

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

|

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

===== 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.

===== 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

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

=====

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.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and

disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.