

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

In

fo 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-ET

HYL-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

R

outes 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 Carcin

ogenicity: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 & LAUNDER
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 =====
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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, SEWE
RS 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 WORK
ING 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 Pro

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
S
pec 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:WIL
L 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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