

EASTMAN KODAK CO -- 832 0608 FLEXICOLOR DEVELOPER REPLENISHER LORR, PART C --
6750-01-416-1777

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

Product ID:832 0608 FLEXICOLOR DEVELOPER REPLENISHER LORR, PART C

MSDS Date:09/26/1997

FSC:6750

NIIN:01-416-1777

Kit Part:Y

MSDS Number: BZBSX

=== Responsible Party ===

Company Name:EASTMAN KODAK CO

Address:343 STATE ST

City:ROCHESTER

State:NY

ZIP:14650-1115

Country:US

Info Phone Num:800-242-2424

Emergency Phone Num:716-722-5151/716-724-4501

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

===== Composition/Info

Information on Ingredients =====

Ingredient Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 50-55%
Other REC Limits:NONE RECOMMENDED

Ingredient Name:4-(N-ETHYL-N-2-HYDROXYETHYL)-2-METHYLPHENYLENEDIAMINE
SULFATE
CAS:25646-77-9
RTECS #:KJ6477000
Fraction by Wt: 40-45%
Other REC Limits:NONE RECOMMENDED

Ingredient 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:ORAL LD50 (RAT): 25-50 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MAY CAUSE KIDNEY DAMAGE BASED ON
ANIMAL DATA. LIBERATES SULFUR DIOXIDE GAS WHICH IS IRRITATING TO
RESPIRATORY TRACT. EYE CONTACT CAUSES IRRITATION. SKIN CONTACT
CAUSES IRRITATION. MAY CAUSE AL
LERGIC SKIN REACTION. MAY BE FATAL
IF SWALLOWED.MAY CAUSE IRRITATION OF GASTROINTESTINAL TRACT. MAY
CAUSE KIDNEY DAMAGE.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:KIDNEY DAMAGE, RESPIRATORY TRACT IRRITATION,
EYE IRRITATION, SKIN IRRITATION, ALLERGIC SKIN REACTION, DEATH, GI
TRACT IRRITATION, DIFFICULT BREATHING.
Medical Cond Aggravated by Ex

posure:SOME ASTHMATICS OR HYPERSENSITIVE
INDIVIDUALS MAY EXPERIENCE DIFFICULT BREATHING.

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First Aid Measures
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First Aid:INHALATION: IF SYMPTOMATIC, MOVE TO FRESH AIR. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES: WASH OUT IMMEDIATELY WITH WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. SKIN: WASH WITH SOAP AND WATER . GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. INGESTION: INDUCE VOMITING AS DIRECTED BY MEDICAL PERSONNE. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL PHYSICIAN OR POISON CONTROL ASAP.

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Fire Fighting Measures
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Flash Point:NONFLAMMABLE
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL FOAM. USE WATER SPRAY TO KEEP FIRE EXPOSED CONTAINERS COOL.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.
Unusual Fire/Explosion Hazard:ELEVATED TEMPERATURES MAY CAUSE DECOMPOSITION.

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Accidental Release Measures
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Spill Release Procedures:PREVENT RUNOFF FROM ENTERING DRAINS, SEWERS, STREAMS. ABSORB SPILL WITH VERMICULITE OR OTHER ABSORBENT MATERIAL, THEN PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE TO REMOVE RESIDUAL CONTAMINATION.
Neutralizing Agent:NEUTRALIZATION AND SEWERING MAY NOT BE ALLOWED IN SOME STATES AND MUNICIPALITIES

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Handling and Storage
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Handling and Storage Precautions:AVOID BREATHING MIST OR VAPOR AT CONCENTRATIONS GREATER THAN EXPOSURE LIMITS. DO NOT GET IN EYES, ON SKIN, ON CLOTHING. USE WITH ADEQUATE VENTILATION
Other Precautions:KEEP FROM CONTACT WITH OXIDIZING MATERIALS. EXERCISE CAUTION IN HEATING, ESPECIALLY IN A CLOSED CONTAINER. KEEP AWAY FROM HEAT. STORE IN A COOL PLACE. KEEP AWAY FROM INCOMP

ATIBLE
SUBSTANCES. KEEP CONTAINER CLOSED.

===== 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 SHOULD BE INSTITUTED.

Ventilation: GOOD GENERAL VENTILATION, TYPICALLY 10 AIR CHANGES PER HOUR, SHOULD BE USED. RATES SHOULD MATCH CONDITIONS.

Protective

Gloves: IMPERVIOUS

Eye Protection: SAFETY GLASSES W/SIDE SHIELDS OR GOGGLES

Other Protective Equipment: CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

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

Supplemental Safety and Health

KEY 1: C2. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

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

HCC: C2

Boiling Pt: >100.C, 212.F

Vapor Pres: 18

Vapor Density: 0.6

Spec Gravity: 1.18

pH: 2.1

Viscosity: NOT GIVEN

Evaporation Rate & Reference: NOT GIVEN

Solubility in Water: COMPLETE

Appearance and Odor: LIGHT YELLOW LIQUID, 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: AVOID TEMPER

ATURES ABOVE 158F.

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

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

Waste Disposal Methods:DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT
TO NATIONAL, STATE OR LOCAL LAWS. MAY REQUIRE NEUTRALIZATION IF PH
< 2.0 OR PH > 12.5. DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL, STATE AND LOCAL REGULATIONS.

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