

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/Inf

ormation 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-ETHYL-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 Rp  
t 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 A  
LLERGIC S KIN REACTION. MAY BE FATAL  
IF SWALLOWED.MAY CAUSE IRRITATION OF GASTRINTESTINAL 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 E

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

=====  
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

=====  
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 INCOM

PATIBLE  
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.

Pr

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

KEY1: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 TEMPE

RATURES 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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