

EASTMAN KODAK COMPANY -- 163 7636 FLEXICOLOR DEVELOPER REPLENISHER, PART B --  
6750-01-416-8024

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

Product ID:163 7636 FLEXICOLOR DEVELOPER REPLENISHER, PART B

MSDS Date:07/11/1997

FSC:6750

NIIN:01-416-8024

Kit Part:Y

MSDS Number: CFYTB

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:U

S

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

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

===== Composi

tion/Information on Ingredients =====

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 70-75%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:HYDROXYLAMINE SULFATE  
CAS:10039-54-0  
RTECS #:NC5425000  
Fraction by Wt: 25-30%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT): 100-200 MG/KG  
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO  
OSHA:NO  
Health Hazards Acute and Chronic:MAY CAUSE BLOOD DISORDERS BASED ON  
ANIMAL DATA. EXPECTED TO BE A LOW INHALATION HAZARD FOR RECOMMENDED  
HANDLING. EYE CONTACT CAUSES IRRITATION. HARMFUL IF ABSORBED  
THROUGH THE SKIN. SKIN CONTACT CAUSE S IRRITATION.MAY CAUSE  
ALLERGIC SKIN REACTION. HARMFUL IF SWALLOWED.  
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT  
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT  
CARCINOGENS.  
Effects of Ove  
rexposure:BLOOD DISORDERS, EYE IRRITATION, SKIN  
IRRITATION, ALLERGIC SKIN REACTION.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

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.  
ING

ESTION: INDUCE VOMITING AS DIRECTED BY MEDICAL PERSONNEL. NEVER  
GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL PHYSICIAN OR  
POISON CONTROL ASAP.

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

Flash Point:NONFLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:NONFLAMMABLE. USE EXTINGUISHING MEDIA SUITABLE FOR  
SURROUNDING FIRE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF CONTAINED  
BREATHING APPARATUS AND FULL PROTEC  
TIVE GEAR. COOL TANKS AND  
CONTAINERS EXPOSED TO FIRE WITH WATER.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY PRODUCE  
HAZARDOUS DECOMPOSITION PRODUCTS. SOLUTION CONTAINS A STRONG  
REDUCING AGENT. DRIED PRODUCT RESIDUE CAN ACT AS REDUCING AGENT.

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

Spill Release Procedures:FLUSH TO SEWER IF ALLOWABLE WITH LARGE AMOUNTS  
OF WATER. NEUTRALIZE PRIOR TO DISPOSAL. PREVENT RUNOFF TO DRAINS,  
SEWERS OR STREAM

S. ABSORB WITH VERMICULITE OR OTHER INERT  
MATERIAL, THEN PLACE IN A CO NTAINER FOR CHEMICAL WASTE.

Neutralizing Agent:NEUTRALIZATION AND SEWERING MAY NOT BE ALLOWED IN  
SOME STATES AND MUNICIPALITIES

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

Handling and Storage Precautions:AVOID PROLONGED OR REPEATED BREATHING  
OF MIST OR VAPOR. DO NOT GET IN EYES, ON SKIN ON CLOTHING. USE WITH  
ADEQUATE VENTILATION. STORE IN A COOL PLACE.

Other Precautions:KEEP FROM CO  
NTACT WITH OXIDIZING MATERIALS, HIGHLY  
OXYGENATED OR HALOGENATED SOLVENTS, ORGANIC COMPOUNDS CONTAINING  
REDUCIBLE FUNCTIONAL GROUPS OR AQUEOUS AMMONIA. EXERCISE CAUTION IN  
HEATING, ESPECIA LLY IN CLOSED CONTAINER.

===== 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: ORGANIC VAPOR. 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  
KEY1:C1.THIS ENTRY FOR PART B OF THREE-PART KIT. SUPPLEMENTARY LOCAL EXHAUST VENTILATION, CLOSED SYSTEMS, RESPIRATORY PROTECTION MAY BE NEEDED IN SPECIAL CIRCUMSTANCES SUCH AS POORLY VENTILATED SPACES , EVAPORATION FROM LARGE SURFACES, SPRAYING, HEATING, ETC.CONTENTES MAY DEVELOP PRESSURE UPON PROLONGED EXPOSURE TO HEAT.

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

HCC:C2  
Boiling Pt:B.P. Text:DECOMPOSES  
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN  
Decomp Temp:Decomp Text:NOT GIVEN  
Vapor Pres:18  
Vapor Density:0.6  
Spec Gravity:1.15  
pH:3.0  
Viscosity:NOT GIVEN  
Evaporation Rate & Reference:NOT GIVEN  
Solubility in Water:COMPLETE  
Appearance and Odor:COLORLESS LIQUID, NO ODOR  
Percent Volatiles by Volume:70-75%

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS, COMBUSTIBLE MATERIAL, HALOGENATED MATERIALS.  
Stability Condition to Avoid:ELEVATED TEMPERATURE CAN CAUSE DECOMPOSITION. AVOID TEMPERATURES ABOVE 86F.  
Hazardous Decomposition Products:AMMONIA, NITROGEN OXIDES, SULFUR DIOXIDE.

===== 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

## ATE AND LOCAL REGULATIONS.

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