

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: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

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

===== Compositi

on/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 OS
HA: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 Overexposure: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.
INGESTION

TION: 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 PROTECTIVE 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 STREAMS.

ABSORB WITH VERMICULITE OR OTHER INERT MATERIAL, THEN PLACE IN A CONTAINER 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 OR CLOTHING. USE WITH ADEQUATE VENTILATION. STORE IN A COOL PLACE.

Other Precautions:KEEP FROM CONTACT WITH OXIDIZING MATERIALS, HIGHLY OXYGENATED OR HALOGENATED SOLVENTS, ORGANIC COMPOUNDS CONTAINING REDUCIBLE FUNCTIONAL GROUPS OR AQUEOUS AMMONIA. EXERCISE CAUTION IN HEATING, ESPECIALLY 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.CONTENTENTS MAY DEVELOP PRESSURE UPON PROLONGED EXPOSURE TO HEAT.

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

HCC:C2

Boil

ing 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

E AND LOCAL REGULATIONS.

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