

## **163 7636,FLEXCOLOR DEVL REPL, PART C**

### **MSDS Number**

BCCHB

### **National Stock Number**

6750-00K001118

### **Product Name**

163 7636,FLEXCOLOR DEVL REPL, PART C

### **Manufacturer**

EASTMAN KODAK COMPANY

### **Product Identification**

Product ID:163 7636,FLEXCOLOR DEVL REPL, PART C

MSDS Date:10/31/1989

FSC:6750

NIIN:00K001118

Kit Part:Y

MSDS Number: BCCHB

### **Responsible Party**

EASTMAN KODAK COMPANY

343 STATE STREET

ROCHESTER , NY 14650

US

Emergency Phone: 716-722-5151

Info Phone: 716-722-5151

Cage: 19139

### **Contractor**

EASTMAN KODAK CO GOVERNMENT MARKETS CONTRACTS

ROCHESTER, NY 14650-1115

US

716-722-5151/(800) 242-2424

Cage: 19139

### **Ingredients**

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 50-55%

4-(N-ETHYL-N-2HYDROXYETHYL)-2-METHYLPHENYLENEDIAMINE

CAS: 25646-77-9

RTECS: KJ6477000

Fraction By Weight: 40-45%

SODIUM BISULFITE (SASA III)

CAS: 7631-90-5

RTECS: VZ2000000

Fraction By Weight: 1-5%

OSHA PEL5 MG/M3

ACGIH TLV: 5 MG/M3; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

## Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: CAUSES SKIN AND EYES IRRITATION AND/OR BURNS. PROLONGED SKIN CONTACT MAY CAUSE SENSITIZATION/ALLERGIC REACTION; CHRONIC: MAY DAMAGE KIDNEY.  
Effects of Overexposure:INHALATION: CONCENTRATE SOLUTION LIBERATED SULFUR DIOXIDE WHICH CAN IRRITATE UPPER RESP TRACT; EYES:CAUSES EYE IRRITATION.MAY CAUSE BURNS ON CONTACT;SKIN:CAUSES IRRITATION.MAY LEAD TO CAUSE ALLERGIC REACTION; INGESTION:HARMFUL IF SWALLOWEDMAY CAUSE KIDNEY INJURY BASED ON ANIMAL DATA FOR CD-4.

## First Aid

First Aid:INHALATION:REMOVE TO FRESH AIR.TREAT SYMPTOMATICALLY.GET MED ATTN IF SYMPTOMS PERSIST; EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES & GET MED ATTN; SKIN:FLUSH WITH WATER & WASH WITH NON-ALKALINE(ACID) TYPE OF SKIN CLEANSER.GET MED ATTN IF AN ALLERGIC REACTION DEVELOPS;INGESTION:IF CONSCIOUS,INDUCE VOMITG BY GIVING 1-2 GLASSES OF WATER.NEVER GIVE ANYTHING TO UNCONSC.GET MED.

## Fire Fighting

Flash Point:NONE  
Extinguishing Media:WATER SPRAY,DRY CHEMICAL, CARBON DIOXIDE, 'ALCOHOL' FOAM.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.  
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY PRODUCE DECOMPOSITION PRODUCTS. EXPOSED CONTAINERS MAY RUPTURE IN HEAT OF FIRE.

## Accidental Release

Spill Release Procedures:WEAR APPROPRIATE PROTECTIVE EQUIPMENTS. STOP LEAK W/O RISK. DIKE LIQUID W/ABSORBENT & TRANSFER LIQ TO SALVAGE TANK. MFR SUGGESTS TO FLUSH MATERIAL TO AN ACID-FREE SEWER WITH LARGE AMOUNTS OF WATER.  
Neutralizing Agent:SODIUM BICARBONATE

## Handling

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED AREA.KEEP CONTNRS TIGHTLY CLOSED.PROTECT CONTNRS FROM PHYSICAL DAMAGE.AVOID CONTACT WITH MINERAL ACIDS & ALKALI.  
Other Precautions:AVOID PROLONGED/REPEATED CONTACT W/PRODUCT.ROUTINE USE OF A NON-ALKALINE(ACID)TYPE HAND CLEANER WILL HELP MINIMIZE OF ALLERGIC SKIN REACTION;APPROX PRODUCT PH:2.0;UNIT CONT QTY YIELDS:75 GAL

## Exposure Controls

Respiratory Protection:AN APPROPRIATE NIOSH-APPRVD RESPIRATOR FOR SULFUR DIOXIDE GAS SHOULD BE WORN IF NEED  
Ventilation:GOOD GENERAL VENTILATION (TYPICALLY 10 ROOM VOL PER HR) SHOULD BE USED. LOCAL EXHAUST VENTILATION MAY BE USED IF NEEDED.  
Protective Gloves:IMPERVIOUS  
Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS OR GOGG  
Other Protective Equipment:AS NECESSARY TO PREVENT SKIN CONTACT.  
Work Hygienic Practices:GOOD HYGIEIN PRACTICE RECOMMENDED.  
Supplemental Safety and Health

THIS IS PART C OF A 3 PARTS PRODUCT; MSDS EFFECTIVE 10/31/89; SOLUTION NO:3515, AND ACCESSION NO:365907 OF THIS PART; SEE PNI A FOR PART B AND NSN 6750-00-K00-0960 FOR PART A; MSDS OF 1/23/87 AND OLDER LISTED SODIUM METABISULFITE WHILE THIS MSDS LISTS SODIUM BISULFITE. THE REST OF THE INFO ARE EXACTLY SAME; KEY1:C1.

## Chemical Properties

HCC:C1  
Boiling Pt:B.P. Text:>212F/>100C  
Vapor Pres:18MMHG@20C  
Vapor Density:0.6  
Spec Gravity:1.18  
pH:2.12  
Solubility in Water:COMPLETE  
Appearance and Odor:REDDISH-BROWN SOLUTION; SULFUR DIOXIDE ODOR.  
Percent Volatiles by Volume:55%

## Stability

Stability Indicator/Materials to Avoid: YES  
STRONG BASES, STRONG OXIDIZERS.  
Stability Condition to Avoid: EXCESSIVE HEAT  
Hazardous Decomposition Products: COMBUSTION WILL PRODUCE CARBON DIOXIDE PROBABLY CARBON MONOXIDE. OXIDES OF SULFUR AND NITROGEN MAY ALSO BE PRESENT.

## Disposal

Waste Disposal Methods: KEEP IN COVERED CONTAINERS PENDING DISPOSAL. SHIP WASTE MATL TO DISPOSAL FACILITY IAW DOT/EPA REGS. HANDLE/DISPOSE IN COMPLIANCE W/FED, STATE, & LOCAL REGS; MFR NOTES WASH AREA W/SOAP/WATER. FLUSH MATL TO SEWER W/LG AMT H\*20. FED, STATE/LOCAL REGS TAKE PREC.

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