

## **174 9902,FLEXICOLOR STABILIZER AND REPLENIS**

### **MSDS Number**

BBCGZ

### **National Stock Number**

6750-00D000100

### **Product Name**

174 9902,FLEXICOLOR STABILIZER AND REPLENIS

### **Manufacturer**

EASTMAN KODAK CO

### **Product Identification**

Product ID:174 9902,FLEXICOLOR STABILIZER AND REPLENIS

MSDS Date:12/15/1990

FSC:6750

NIIN:00D000100

Kit Part:Y

MSDS Number: BBCGZ

### **Responsible Party**

EASTMAN KODAK CO.

343 STATE STREET

ROCHESTER , NY 14650

US

Emergency Phone: 716-722-5151

Info Phone: 716-722-5151/800-242-2424

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: 45 - 55%

FORMALDEHYDE (SARA III)

CAS: 50-00-0

RTECS: LP8925000

Fraction By Weight: 37 - 44%

OSHA PELSEE 1910.1048

ACGIH TLV: C 0.3 PPM; A2; 9293

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

METHYL ALCOHOL (METHANOL) (SARA III)

CAS: 67-56-1

RTECS: PC1400000

Fraction By Weight: 12%

OSHA PELS,200PPM/250STEL

ACGIH TLV: S,200PPM/250STEL; 93

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

## Hazards

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS 800 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:ACUTE-EYE:VAPOR/LIQUID CAN CAUSE IRRITATION,TEARING/SEVERE BURNS.SKIN:CAUSES IRRITATION.MAY CAUSE AN ALLERGIC REACTION.INHALATION:MAY CAUSE SEVERE BURNING OF NOSE,THROAT & RESPIRATORY SENSITIZATION.IN GESTION:POISON.MAY BE FATAL/CAUSE BLINDNESS,VOMITING,DIZZINESS,COMA.CHRONIC-FORMALDEHYDE MAY CAUSE CANCER.

Explanation of Carcinogenicity:FORMALDEHYDE HAS BEEN IDENTIFIED AS A CARCINOGEN/POTENTIAL CARCINOGEN.

Effects of Overexposure:EYE/SKIN:IRRITATION.INHALATION:IRRITATES EYES,NOSE,THROAT AT 2-5 PPM.MAY CAUSE RESPIRATORY SENSITIZATION IN SOME INDIVIDUALS.INGESTION:MAY CAUSE ABDOMINAL PAIN,BURNS OF MOUTH,ESOPHAGUS,STOMACH WITH VO MITING,NAUSEA,DIARRHEA & DIZZINESS. RETINAL AND KIDNEY DAMAGE MAY ALSO OCCUR.

Medical Cond Aggravated by Exposure:MAY AGGRAVATE PRE-EXISTING ASTHMATIC CONDITIONS.

## First Aid

First Aid:GET MEDICAL ATTENTION IN ALL CASES.EYE:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES,HOLDING EYELIDS OPEN.SKIN:FLUSH WITH WATER FOR 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING & SHOES.INHALATION:REM OVE TO FRESH AIR.GIVE CPR/OXYGEN IF NEEDED.INGESTION:DO NOT INDUCE VOMITING.IF CONSCIOUS,IMMEDIATELY DRINK ONE GLASS OF WATER.CALL DOCTOR/POISON CENTER.

## Fire Fighting

Flash Point Method:SCC

Flash Point:121F,49C

Extinguishing Media:WATER SPRAY,DRY CHEMICAL,CARBON DIOXIDE,ALCOHOL FOAM

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. USE WATER SPRAY TO KEEP FIRE-EXPOSED CONTAINERS COOL.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

## Accidental Release

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. ABSORB IN VERMICULITE OR OTHER SUITABLE ABSORBENT AND PLACE IN IMPERVIOUS CONTAINER.

## Handling

Handling and Storage Precautions:STORAGE-KEEP CONTAINER TIGHTLY CLOSED & AWAY FROM OXIDIZERS,ACIDS,BASES,HEAT & STRONG REDUCING AGENTS.

Other Precautions:THIS FORMULATION HAS A MODERATELY ACIDIC AQUEOUS SOLUTION AND A HIGH BIOLOGICAL OXYGEN DEMAND. IT MAY CAUSE ADVERSE EFFECTS IF DISCHARGED DIRECTLY TO ENVIRONMENT WITHOUT TREATMENT. THIS MATERIAL IS CO MBUSTIBLE. KEEP AWAY FROM FLAMES.

## Exposure Controls

Respiratory Protection: A FULL FACEPIECE WITH CARTRIDGES OR CANISTERS SPECIALLY APPROVED BY NIOSH FOR PROTECTION AGAINST FORMALDEHYDE OR A TYPE C SUPPLIED AIR RESPIRATOR SHOULD BE WORN IF NEEDED.

Ventilation: LOCAL EXHAUST

Protective Gloves: NITRILE OR NEOPRENE

Eye Protection: SAFETY GLASSES W/SIDE SHIELDS OR GOGGLES

Other Protective Equipment: EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices: USE OF A NON-ALKALINE (ACID) TYPE OF SKIN CLEANER AND GLOVES WILL HELP MINIMIZE THE POSSIBILITY OF ALLERGIC REACTION.

Supplemental Safety and Health

SOLUTION NUMBER: 10294

## Chemical Properties

HCC: T4

Boiling Pt: B.P. Text: 205F, 96C

Vapor Pres: 20

Vapor Density: 1.0

Spec Gravity: 1.04

pH: 3.5

Solubility in Water: COMPLETE

Appearance and Odor: CLEAR, COLORLESS LIQUID-STRONG ALDEHYDE ODOR

Percent Volatiles by Volume: 100 WT

## Stability

Stability Indicator/Materials to Avoid: YES

OXIDIZERS, ACIDS, BASES, STRONG REDUCING AGENTS

Stability Condition to Avoid: HIGH TEMPERATURE, FLAMES

Hazardous Decomposition Products: CARBON DIOXIDE AND PROBABLY CARBON MONOXIDE. FORMALDEHYDE GAS MAY ALSO BE PRESENT.

## Disposal

Waste Disposal Methods: DISPOSE BY INCINERATION OR CONTRACT WITH A LICENSED CHEMICAL WASTE DISPOSAL AGENCY. DISPOSAL, DISCHARGE OR TREATMENT MAY BE SUBJECT TO FEDERAL, STATE, LOCAL REGULATIONS.

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