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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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