

## **146 6416 EASTMAN COLOR DEVELOPING AGENT, CD-2 (50LBS)**

### **MSDS Number**

BHBTT

### **National Stock Number**

6750-00-965-4606

### **Product Name**

146 6416 EASTMAN COLOR DEVELOPING AGENT, CD-2 (50LBS)

### **Manufacturer**

EASTMAN KODAK COMPANY

### **Product Identification**

Product ID:146 6416 EASTMAN COLOR DEVELOPING AGENT, CD-2 (50LBS)

MSDS Date:10/25/1995

FSC:6750

NIIN:00-965-4606

MSDS Number: BHBTT

### **Responsible Party**

EASTMAN KODAK COMPANY

343 STATE STREET

ROCHESTER , NY 14650

US

Emergency Phone: 716-722-5151

Info Phone: 800- 242-2424

Cage: 19139

### **Contractor**

EASTMAN KODAK CO US CUSTOMER SERVICE/GOVERNMENT SALES

ROCHESTER, NY 14650-3129

US

800-828-6203

Cage: 5K871

### **Ingredients**

4-N,N-DIETHYL-2-METHYLPHENYLENEDIAMINE MONOHYDROCHLORIDE

CAS: 2051-79-8

RTECS: SS9560000

Fraction By Weight: 100%

### **Hazards**

LD50 LC50 Mixture:ORAL LD50 RAT:F 107MG/KG;M 132MG/KG.

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:MAY CAUSE LIVER DAMAGE BASED ON ANIMAL

DATA. INHAL:HARMFUL.AIRBORNE DUST IRRIT. EYE:AIRBORNE DUST

IRRIT.HOWEVER IMMED FLUSHING OF EYE W/WATER WILL MIN ANY IRRIT

EFFECT. SKIN:MAY CAUSE ALLERGIC SKIN RE ACTION. INGEST:HARMFUL.

Explanation of Carcinogenicity:PER MSDS:CARCINOGENICITY CLASSIFICATION

IARC/ACGIH/NTP/OSHA:NONE.

Effects of Overexposure:LIVER DAMAGE, HARMFUL IF INGEST/INHAL. EYE

IRRIT, ALLERGIC SKIN REACTION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid: INHAL: MOVE TO FRESH AIR. NOT BREATHE. GIVE ART RESP. DIFFI BREATHE GIVE OXY. GET MED ATTN IMMED. EYE: IMMED FLUSH W/PLENTHY OF WATER FOR @LEAST 15MINS. GET MED ATTN. SKIN: IMMED FLUSH W/PLENTHY OF WATER FOR @LEAST 15MINS WHILE REMOVING CONTAMIN CLLTH/SHOES. GET MED ATTN. INGEST: INDUCE VOMIT AS DIRECTED BY MED PERSONNEL. CALL PHYSICIAN/POIS CNTRL CNTR IMMED. NEVER GIVE ANYTHING BY MOUTH TO UNCONSC PERSON.

## Fire Fighting

Extinguishing Media: WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE (CO2).  
Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING. FIRE/EXCESSIVE HEAT MAY PRODUCE HAZ DECOMPOSITION PRODUCTS.  
Unusual Fire/Explosion Hazard: POWDERED MATL MAY FORM EXPLOSIVE DUST-AIR MMXTURES. FIRE/HIGH TEMPS MAY CAUSE EXPLOSIVE DECOMPOSITION. COMBUSTIBLE SOLID.

## Accidental Release

Spill Release Procedures: SWEEP OR SCOOP UP & REMOVE. CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.  
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions: AVOID CONTACT W/EYE/SKIN/CLOTH. AVOID BREATH DUST. USE W/ADEQUATE VENTI. KEEP FROM CONTACT W/OXIDIZING MATLS. KEEP CNTNR CLSD.  
Other Precautions: REF: NFPA PAMPHLET654: "PREVENTION OF FIRE/DUST EXPLO IN CHEM/DYE/PHARM/PLAST INDUSTRIES". PROPERTIES: LOW BIOCHEM OXY DEMAND; LITTLE POT TO CAUSE OXY DEPLETION IN AQU SYS; HI POT TO AFFECT SOME AQUA ORGANI SMS & GERMINATION &/OR EARLY GROWTH(SUP)

## Exposure Controls

Respiratory Protection: IF ENGINEERING CONTROLS DO NTO MAINTAIN AIRBORNE CONCEN BELOW RECOMMENDED EXPOSURE LIMITS AN APPROVED RESP MUST BE WORN. RESP TYP: DUST. IF RESP USED PROGRAM SHOULD BE INSTITUTED TO ASSURE COMPLIANCE W/O SHA STD 29CFR 1910.134.  
Ventilation: USE GOOD GEN VENTI(TYP 10AIR CHANGES/HR). MATCH VENTI RATES W/CONDITIONS. USE PROCESS ENCLOSURES/LOC EXHAU/OTHER (SUPPLEM)  
Protective Gloves: IMPERVIOUS GLOVES.  
Eye Protection: SAFETY GLASSES W/SIDE SHIELDS OR GOGGLES  
Other Protective Equipment: BOOTS, PROTECTIVE CLOTHING APPROPRIATE FOR RISK EXPO. EYEBATH, SAFETY SHOWER, WASHING FACILITIES.  
Work Hygienic Practices: WASH CONTAMIN CLOTH BEF REUSE. DESTROY/THOROUGHLY CLEAN CONTAMIN SHOES. WASH THOROUGHLY AFT HNDLG.  
Supplemental Safety and Health  
PH: 6.0(@10G/L WATER). OTHER PRECAUT: OF SOME PLANTS & GROWTH OF SOME PLATN SEEDLINGS; LOW POT TO PERSIST IN ENVIRO & TO BIOCONCEN. AFT DIL W/LG AMTS OF WATER @ 2ND WASTE TREAT MATL NOT EXPECTED TO CAUSE ADVERSE ENVIRO EFFECTS. VENTI: ENGINEERING CNTRLS TO MAINTAIN AIRBORNE LEVELS BEL RECOMMENDED EXPO LIMITS.

## Chemical Properties

HCC: T4  
Melt/Freeze Pt: M.P/F.P Text: 500F, 260C  
Decomp Temp: Decomp Text: 500F, 260C  
Vapor Pres: NEGLIGIBLE  
Vapor Density: 7.1  
Spec Gravity: N/AVAILABLE  
pH: SUPPLE  
Solubility in Water: APPRECIABLE  
Appearance and Odor: SOLID (CRYSTAL), WHITE COLOR, ODORLESS.  
Percent Volatiles by Volume: N/APPL

## Stability

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: MINIMIZE DUST GENERATION & ACCUMULATION.

MATL CAN DECOMPOSES ABOVE 255C(491F). AVOID TEMPS >155C(311F).

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE,  
HYDROGEN CHLORIDE, OXIDES OF NITROGEN.

## **Disposal**

Waste Disposal Methods: DISCHARGE/TREAT/DISPOSAL MAY BE DUBJ TO  
NAT/STATE/LOC LAWS. INCINERATE. SINCE EMPTIED CNTNRS RETAIN PROD  
RESIDUE FOLLOW LABEL WARN EVEN AFT CNTNR IS EMPTIED. CHEM SUBJ TO  
REPORT REQMTS OF SEC 313 TITLE I II SARA/40CFR PART 372: NONE.

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