

EASTMAN KODAK COMPANY -- 146 6416 EASTMAN COLOR DEVELOPING AGENT, CD-2 (50LBS) --  
6750-00-965-4606

===== 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 ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

Inf

o 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

===== Composition/

Information on Ingredients =====

Ingred Name:4-N,N-DIETHYL-2-METHYLPHENYLENEDIAMINE MONOHYDROCHLORIDE  
CAS:2051-79-8  
RTECS #:SS9560000  
Fraction by Wt: 100%  
Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

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 Measures =====

First Aid:INHAL:MOVE TO FRESH AIR.NOT BREATH GIVE ART RESP.DIFFI BREATH GIVE OXY.GET MED ATTN IMMED. EYE:IMMED FLUSH W/PLENTY OF WATER FOR @LEAST 15MINS.GET MED ATTN. SKIN:IMMED FLUSH W/PLENTY OF WATER FOR @LEA ST 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 Measures =====

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 Measures =====

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

===== Handling and Storage =====

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/Personal Protection =====

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 1910.1

34.

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/THOROUHGLY 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.

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

HCC:T4

Melt/Freeze Pt:M.P/F.P Text:500F,260C

Decomp Temp:Decomp Text:500F,260C

Vapor P

res: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 and Reactivity Data =====

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 Product

s:CARBON DIOXIDE, CARBON MONOXIDE,  
HYDROGEN CHLORIDE, OXIDES OF NITROGEN.

===== Disposal Considerations =====

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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