

EASTMAN KODAK COMPANY -- 195 3116 KODAK EA-5 COLOR DVLPR,PART A-TO MAKE 38L(SEE SUP) -- 6750-00-054-1975

===== Product Identification =====

Product ID:195 3116 KODAK EA-5 COLOR DVLPR,PART A-TO MAKE 38L(SEE SUP)

MSDS Date:10/15/1997

FSC:6750

NIIN:00-054-1975

Kit Part:Y

MSDS Number: BCWGW

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

Info Phone Num:716-477-3194 MSDS :800- 242-24

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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:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 35-40%
Other REC Limits:NONE RECOMMENDED

Ingred Name:ETHYLENE GLYCOL (SARA 313) (CERCLA)
CAS:107-21-1
RTECS #:KW2975000
Fraction by Wt: 24%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:C STEL39PPM,A4,VAP96
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:BENZYL ALCOHOL
CAS:100-51-6
RTECS #:DN3150000
Fraction by Wt: 15-20%
Other REC Limits:NONE RECOMMENDED

Ingred Name:ETHYLENEDIAMINE (SARA 302) (CERCLA)
CAS:107-15-3
RTECS #:KH85750
00
Fraction by Wt: 10-15%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 PPM
ACGIH TLV:S, 10 PPM; 9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:SODIUM HYDROXIDE (CERCLA)
CAS:1310-73-2
RTECS #:WB4900000
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:C 2 MG/M3; 9596
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhala

tion:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:GEN:CAN CAUSE KIDNEY DMG,CNS
EFFECTS.MAY CAUSE ADVERSE REPRODUCTIVE EFFECTS BASED ON HI ORAL
DOSE STUDIES ON ANIMALS.INHAL:MIST/VAP EXTREMELY IRRIT.HARMFUL IF
INHAL.MAY CAUSE ALLERGIC RESPIRATORY RX.SOME ASTHMATICS OR
HYPERSENSITIVE INDIVIDUALS MAY EXPERIENCE DIFFICULT BREATH.EYE:CAUSES
SEVERE BURNS.MIST/VAP(SIGNS/SYMPTOM)

Explanation of Carcinogenicity:PER MSD

S:CARCINOGENICITY

CLASSIFICATION:IARC/ACGIH/NTP/OSHA:NONE.

Effects of Overexposure:HEALTH:EXTREMELY IRRIT.SKIN:HARMFUL IF ABSORBED
THRU SKIN.CAUSES SEVERE BURNS.MAY CAUSE ALLERGIC SKIN
RX.INGEST:HARMFUL OR FATAL IF SWALLOWED.MAY CAUSE BURNS OF
GASTROINTESTINAL TRACT IF SWALLOWED. OVEREXPOSURE:KIDNEY DMG,CNS
EFFECTS,ADVERSE REPROD EFFECTS,HARMFUL IF INHAL/INGEST/ABSORBED
THRU SKIN.ALLERGIC RESP/SKIN RX.

Medical Condition Aggravated by Exposure:SOME ASTHMATICS OR HYPERSENSITIVE

INDIVIDUALS MAY EXPERIENCE DIFFICULT BREATHING.

===== First Aid Measures =====

First Aid:INHAL:MOVE TO FRESH AIR.TREAT SYMPTOMATIC.SYMPTOMS PERSIST GET
MEDICAL ATTENTION.EYES:IMMEDIATELY FLUSH WITH PLENTY OF H₂O @LEAST 15MINS.GET MEDICAL
ATTENTION.SKIN:IMMEDIATELY FLUSH WITH PLENTY OF H₂O @LEAST 15MINS WHILE REMOVE
CONTAMINANT CLOTHING/SHOES.GET MEDICAL ATTENTION.INGEST:DON'T INDUCE VOMIT.GIVE
VICTIM GLASS OF H₂O.NEVER GIVE ANYTHING BY MOUTH IF UNCONSCIOUS.CALL
DR/POISON CONTROL CENTER IMMEDIATELY.NOTE TO DR

R:STRONG ALKALIS BIND TISSUE
PROTEIN.FOLLOW (SUPP)

===== Fire Fighting Measures =====

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:NP

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE (CO₂), DRY CHEMICAL,
ALCOHOL FOAM.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS &
PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS
DECOMPOSITION PRODUCTS.

Unusual Fire/Explosion Hazard:NONE.

===== Accid

ental Release Measures =====

Spill Release Procedures:MAY REQUIRE NEUTRA IF PH12.5.FLUSH TO
SEWER W/LG AMTS OF WATER.OTHERWISE ABSORB W/VERMICULITE OR OTHER
INERT MATERIAL, THEN PLACE IN CONTAINER FOR CHEMICAL WASTE. CLEAN
SURFACE THOROUGHLY TO REM OVE RESIDUAL CONTAMINATION.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DONT GET IN EYE/SKIN/CLOTH.DONT
BREATH
E MIST/VAP.USE W/ADEQU VENTI.KEEP FROM CONTACT W/OXID
MATLS.KEEP CNTNR TIGHTLY CLSD.KEEP AWAY FRM INCOMPA SUBST.
Other Precautions:STRONGLY ALKALINS AQU SOLN.PROPERT:MOD BIOCHEM OXY
DEMAND,MAY CAUSE OXY DEPLETION IN AQU SYS,HI POT TO AFFECT AQU
ORGANISMS&2ND WASTE TREATMENT MICRO METAB,MOD POT TO AFFECT
GERM/EARLY PLANT GROWTH,HI POT TO BIODEGRADE(LOW PERSIST)W/(SUPPL)

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF ENGINEERING CNTR
L DONT MAINTAIN AIRBORNE
CONCEN BELOW RECOMMENDED EXPO LIMITS APPROVED RESP MUST BE
WORN.RESP TYPE:ORGANIC VAPOR.IF RESP USED PROGRAM SHOULD BE
INSTITUTED TO ASSURE COMPLIANCE W/STD 29CFR1910.134.
Ventilation:USE GOOD GEN VENTI(TYP10 AIR CHANG/HR).MATCH VENTI RATES
W/CONDITIONS.SUPPL LOC EXHA VENTI,CLSD SYS,RESP PROT NEED(SUPP)
Protective Gloves:IMPERVIOUS GLOVES.
Eye Protection:SAF GLASSES W/SIDESHIELDS,GOGG,FCSHIELD.
Other Protective Equipment:EYEBATH, WASHING FACILITIES, SAFE
TY
SHOWER.PROTECTIVE CLOTHING APPROPRIATE FOR RISK OF EXPOSURE.
Work Hygienic Practices:WASH CONTAM CLOTH BEF REUSE;DESTROY/CLEAN WELL
CONTAM SHOES.WASH THOROUGHLY AFT HNDLG.
Supplemental Safety and Health
PER TIR:CONSISTS PN893 6437(PARTSA,D)&PN863 7746(PARTSB,C)TO MAKE
COMPLETE KIT. 1STAID:INITIAL EYE FLUSH W/H2O CONT IRRIGA W/SALINE
RECOMMENDED.TREAT CONT TIL TEARS PH NEUTRAL. VENTI:IN SPEC
CIRCUM(PO OR VENTI SPACE,EVAPO FRM LG SURF,SPRAY,HEAT,ETC). OTHR
PRCT:UNACCLIMA

TE MICROORG FRM ACTI SLUDE,LOW POT TO BIOCONC.

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

HCC:B1

Boiling Pt:B.P. Text:>212F,>100C

Melt/Freeze Pt:M.P/F.P Text:NP

Decomp Temp:Decomp Text:NP

Vapor Pres:18

Vapor Density:0.6

Spec Gravity:1.14

pH:13.0

Viscosity:NP

Evaporation Rate & Reference:NP

Solubility in Water:COMPLETE

Appearance and Odor:LIQUID, LIGHT YELLOW COLOR, SLIGHT ODOR

Percent Volatiles by Volume:90-95

Corrosion Rate:NP

===== Stability and Re
activity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, ACIDS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

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

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

Waste Disposal Methods:DISCH/TREAT/DISPO MAY BE SUBJ TO NAT/STATE/LOC
LAWS.MAY REQUIRE NEUTRA IF PH 12.5.FLUSH TO SEWER W/LOTS OF
H2O.SINCE EMPTIED CNTNR RETAIN PR
ODUCT RESIDUE FOLLOW LABEL WARN
EVEN AFT EMPTY.CHEM SU BJ TO SARA 313 TITLE III/40CFR372:ETHYLENE
GLYCOL.

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