

EASTMAN KODAK COMPANY -- 874 0110,PT 3,KODAK FLEXICOLOR SM PROCESSING UNIT  
F1/C41SM -- 6750-01-443-2999

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

Product ID:874 0110,PT 3,KODAK FLEXICOLOR SM PROCESSING UNIT F1/C41SM

MSDS Date:09/11/2000

FSC:6750

NIIN:01-443-2999

Status Code:A

Kit Part:Y

MSDS Number: CLDDT

=== 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- 242-2424

Emergency Phone Num:716-722-5151

Preparer's Name:NOT PROVIDED

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

=====  
Composition/Information on Ingredients  
=====

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Minimum % Wt:5

0.  
Maxumum % Wt:55.  
Other REC Limits:NOT PROVIDED  
Code:F  
Code:F

Ingred Name:POTASSIUM CARBONATE  
CAS:584-08-7  
RTECS #:TS7750000  
Minumum % Wt:35.  
Maxumum % Wt:40.  
Other REC Limits:NOT PROVIDED  
OSHA PEL:NOT PROVIDED  
ACGIH TLV:NOT PROVIDED

Ingred Name:POTASSIUM SULFITE  
CAS:10117-38-1  
RTECS #:WT3530000  
Minumum % Wt:1.  
Maxumum % Wt:5.  
Other REC Limits:NOT PROVIDED  
OSHA PEL:NOT PROVIDED  
ACGIH TLV:NOT PROVIDED

Ingred Name:PENTETIC ACID, PENTA SODIUM SALT  
CAS:140-01-2  
Minumum % Wt:1.  
Maxumum % Wt:5.

O  
ther REC Limits:NOT PROVIDED  
OSHA PEL:NOT PROVIDED  
ACGIH TLV:NOT PROVIDED

Ingred Name:SODIUM SULFITE  
CAS:7757-83-7  
RTECS #:WE2150000  
Minumum % Wt:1.  
Maxumum % Wt:5.  
Other REC Limits:NOT PROVIDED  
OSHA PEL:NOT PROVIDED  
ACGIH TLV:NOT PROVIDED

Ingred Name:POTASSIUM HYDROXIDE  
CAS:1310-58-3  
RTECS #:TT2100000  
&lt; Wt:1.  
Other REC Limits:NOT PROVIDED  
OSHA PEL:NOT PROVIDED  
ACGIH STEL:C2 MG/M3  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:NOT PROVIDED

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

Health Hazards Acute and Chronic:INHALATION: EXPECTED TO BE A LOW HAZARD FOR USUAL INDUSTRIAL OR COMMERCIAL HANDLING BY TRAINED PERSONNEL. MIST IRRITATING. IN CONTACT WITH STRONG ACIDS OR IF HEATED, SULFITES MAY LIBERATE SULFUR DIOXIDE GAS. SULFUR DIOXIDE GAS IS IRRITATING TO THE RESPIRATORY TRACT. SOME ASTHMATICS OR HYPERSENSITIVE INDIVIDUALS MAY EXPERIENCE DIFFICULT BREATHING. EYES:

CAUSES BURNS. SKIN: CAUSES IRRITATION. LOW POTENTIAL TO CAUSE ALLERGIC SKIN REACTIONS; HOWEVER, CASES OF HUMAN SKIN SENSITIZATION REPORTED. INGESTION: HARMFUL IF SWALLOWED. MAY CAUSE BURNS OF GASTROINTESTINAL TRACT IF SWALLOWED.

Explanation of Carcinogenicity:CARCINOGENICITY CLASSIFICATION (COMPONENTS PRESENT AT 0.1% OR MORE): - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH): NONE - INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC): NONE - NATIONAL TOXICOLOGY

PROGRAM (NTP): NONE - OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA): NONE

Effects of Overexposure:INHALATION: MIST IRRITATING. IN CONTACT WITH STRONG ACIDS OR IF HEATED, SULFITES MAY LIBERATE SULFUR DIOXIDE GAS. SULFUR DIOXIDE GAS IS IRRITATING TO THE RESPIRATORY TRACT. SOME ASTHMATICS OR HYPERSENSITIVE INDIVIDUALS MAY EXPERIENCE DIFFICULT BREATHING. EYES: CAUSES BURNS. SKIN: CAUSES IRRITATION. INGESTION: MAY CAUSE BURNS OF GASTROINTESTINAL TRACT IF SWALLOWED.

Medical Cond Aggravated by Exposure:SOME ASTHMATICS, HYPERSENSITIVE OR SULFITE-SENSITIVE INDIVIDUALS MAY EXPERIENCE DIFFICULT BREATHING, WHEEZING, CHEST TIGHTNESS, STOMACH UPSET, HIVES, FAINTNESS, WEAKNESS AND DIARRHEA.

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

First Aid:INHALATION: MOVE TO FRESH AIR. TREAT SYMPTOMATICALLY. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER AT LEAST FOR 15 MINUTES.

GET MEDICAL ATTENTION

IMMEDIATELY . SKIN: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES REMOVING CONTAMINATED CLOTHING AND SHOES. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. WASH CONTAMINATED CLOTHING BEFORE REUSE. DESTROY OR THOROUGHLY CLEAN CONTAMINATED SHOES. INGESTION: DO NOT INDUCE VOMITING. GIVE VICTIM A GLASS OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

=====

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

Flash Point:NONE

Extinguishing Media:USE APPROPRIATE AGENT FOR ADJACENT FIRE.

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

Fire/Explosion Hazard:NONE

===== Accidental Release Measures =====

Spill Release Procedures:FLUSH SPILL TO SEWER WITH LARGE AMOUNT OF

WATER IF REGULATIONS ALLOW. OTHERWISE, ABSORB SPILL WITH VERMICULITE. PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CON TAMINATION.

Neutralizing Agent:NOT PROVIDED

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED. KEEP AWAY FROM INCOMPATIBLE SUBSTANCES (SEE INCOMPATIBILITY SECTION)

Other Precautions:AVOID BREATHING MIST OR VAPOR. DO NOT GET IN EYES AND AVOID C

ONTACT WITH SKIN AND CLOTHING. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS, AN APPROVED RESPIRATOR MUST BE WORN. TYPE: HIGH EFFICIENCY PARTICULATE AEROSOL. RESPIRATOR SHOULD BE WORN IF HAZARDOUS DECOMPOSITION PRODUCTS ARE LIKELY TO BE/HAVE BEEN RELEASED. RESPIRATOR TY

PE: ACID GAS. ASSURE

COMPLIANCE WITH OSHA STANDARD 29 CFR 1910.134.

Ventilation:GOOD GENERAL VENTILATION (TYPICALLY 10 AIR CHANGES PER HOUR) SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS. (SEE SUPPL DATA)

Protective Gloves:WEAR IMPERVIOUS GLOVES AND PROTECTIVE CLOTHING APPROPRIATE FOR RISK OF EXPOSURE

Eye Protection:WEAR SAFETY GLASSES WITH SIDE SHIELDS (OR GOGGLES) AND FACE SHIELD.

Other Protective Equipment:EYE BATH, SAFETY SHOWER, WASHING FACILITIES

Wor

k Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health

USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO MAINTAIN AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS. ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABL E. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED.

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

HCC:C2

NRC/State Lic Num:NOT RELEVANT

Boilin

g Pt:>100.C, 212.F

Melt/Freeze Pt:M.P/F.P Text:NOT PROVIDED

Decomp Temp:Decomp Text:NOT PROVIDED

Vapor Pres:68F: 24 MBAR (18 MM HG)

Vapor Density:0.6

Spec Gravity:1.46

pH:12.4

Viscosity:NOT PROVIDED

Evaporation Rate & Reference:NOT PROVIDED

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS LIQUID - ODORLESS

Percent Volatiles by Volume:50-55 WT

Corrosion Rate:NOT PROVIDED

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ACIDS

Stability Condition to Avoid:NOT PROVIDED

Hazardous Decomposition Products:SULFUR DIOXIDE

===== Toxicological Information =====

Toxicological Information:INHALATION: EXPECTED TO BE A LOW HAZARD FOR USUAL INDUSTRIAL OR COMMERCIAL HANDLING BY TRAINED PERSONNEL. MIST IRRITATING. IN CONTACT WITH STRONG ACIDS OR IF HEATED, SULFITES MAY LIBERATE SULFUR DIOXI DE GAS. SULFUR DIOXIDE GAS IS IRRITATING TO THE RESPIRATORY TRACT. SOME ASTHMATICS OR HYPE

RSENSITIVE

INDIVIDUALS MAY EXPERIENCE DIFFICULT BREATHING. EYES: CAUSES BURNS. SKIN: CAUSES IRRITATION. LOW POTENTIAL TO CAUSE ALLERGIC SKIN REACTIONS; HOWEVER, CASES OF HUMAN SKIN SENSITIZATION REPORTED. INGESTION: HARMFUL IF SWALLOWED. MAY CAUSE BURNS OF GASTROINTESTINAL TRACT IF SWALLOWED.

=====  
Ecological Information  
=====

Ecological:THE FOLLOWING PROPERTIES ARE ESTIMATED FROM THE COMPONENTS OF THE PREPARATIONS. POTENTIAL TOXICITY:

- FISH LC50 MG/L: >100.
- DAPHNID EC50 MG/L: >100. ALGAL IC50 MG/L: NOT AVAILABLE.
- ORGANICS READI LY DEGRADABLE (>70%): NO. POTENTIAL
- BIOACCUMULATION: LOG POW 100.

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

Waste Disposal Methods:SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE, FOLLOW LABEL WARNINGS EVEN AFTER CONTAINER IS EMPTIED. DISCHARGE, TREATMENT, OR DISPOSAL MAY BE SUBJECT TO NATIONAL, STATE, OR LOCAL LAWS. CONTRACT WIT H A LICENSED CH EMICAL DISPOSAL AGENCY.

=====  
MSDS Transport Information  
=====

Transport Information:FOR TRANSPORTATION INFORMATION REGARDING THIS PRODUCT CALL THE KODAK WORLDWIDE TRANSPORTATION HAZMAT HOT LINE: (716) 722-2400 BETWEEN 8 A.M. AND 5 P.M. (EASTERN STANDARD TIME), MONDAY THROUGH FRIDAY .

=====  
Regulatory Information  
=====

SARA Title III Information:CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 O R TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR PART 372: NONE

Federal Regulatory Information:NOT PROVIDED  
State Regulatory Information:MATERIAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER: NONE - MATERIAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE ADVERSE REPRODUCTIVE EFFECTS: NONE

=====  
Other Information  
=====

Disclaimer (provided with this information by the compiling agencie

s):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.