

EASTMAN KODAK COMPANY -- 826 6801,FLEXICOLOR AR DEVELOPER REPLENISHER,PART A --
6750-01-285-1766

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

Product ID:826 6801,FLEXICOLOR AR DEVELOPER REPLENISHER,PART A

MSDS Date:07/24/2000

FSC:6750

NIIN:01-285-1766

Status Code:A

Kit Part:Y

MSDS Number: CKTFY

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:

14650

Country:US

Info Phone Num:716-722-5151/(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:55.

Maxumum % Wt:60.

Other REC Limits:NOT PROVIDED

Code:F

Code:F

Ingred Name:POTASSIUM CARBONATE

CAS:584-08-7

RTECS #:TS7750000

Minumum % Wt:25.

Maxumum % Wt:30.

Other REC Limits:NOT PROVIDED

OSHA PEL:NOT PROVIDED

ACGIH TLV:NOT PROVIDED

Ingred Name:POTASSIUM SULFITE

CAS:10117-38-1

Minumum % Wt:1.

Maxumum % Wt:5.

Other REC Limits:NOT PROVIDED

OSHA PEL:NOT PROVIDED

ACGIH TLV:NOT PROVIDED

Ingred Name:PENTETIC ACID, PENTASODIUM SALT

CAS:140-01-2

Minumum % Wt:1.

Maxumum % Wt:5.

Other REC Limits:NOT PROVIDED

OSHA PEL:

NOT PROVIDED

ACGIH TLV:NOT PROVIDED

Ingred Name:POTASSIUM BICARBONATE

CAS:298-14-6

Minumum % Wt:1.

Maxumum % Wt:5.

Other 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

==== Hazards Identification =====

LD50 LC50 Mixture:NOT PROVIDED

Reports of Carcinogenicity:NTP:NO IAR

C:NO OSHA:NO

Health Hazards Acute and Chronic: EFFECTS OF EXPOSURE: INHALATION:

EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING. 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 IRRITATION. SKIN: LOW POTENTIAL TO CAUSE ALLERGIC SKIN REACTIONS; HOWEVER, CASES OF HUMAN SKIN SENSITIZATION HAVE BEEN REPORTED.

INGESTION: MAY BE HARMFUL IF SWALLOWED. SOME ASTHMATICS OR SULFITE-SENSITIVE INDIVIDUALS MAY EXPERIENCE WHEEZING, CHEST TIGHTNESS, STOMACH UPSET, HIVES, FAINTNESS, WEAKNESS, DIARRHEA.

Explanation of Carcinogenicity: CARCINOGENICITY CLASSIFICATION

(COMPONENTS PRESENT AT 0.1% OR MORE): INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC): NONE. AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH): NONE. NATIONAL TOXICOLOGY PROGRAM

AM (NTP): NONE. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA): NONE.

Effects of Overexposure: INHALATION: IN CONTACT WITH STRONG ACIDS OR IF HEATED, SULFITES MAY LIBERATE SULFUR DIOXIDE GAS WHICH IS IRRITATING TO THE RESPIRATORY TRACT. EYES: CAUSES IRRITATION. SKIN: CASES OF HUMAN SKIN SENSITIZATION HAVE BEEN REPORTED. INGESTION: SOME ASTHMATICS OR SULFITE-SENSITIVE INDIVIDUALS MAY EXPERIENCE WHEEZING, CHEST TIGHTNESS, STOMACH UPSET, HIVES, FAINTNESS, WEAKNESS, DIARRHEA.

Medical Conditions 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: IF SYMPTOMATIC, MOVE TO FRESH AIR, TREAT SYMPTOMATICALLY. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. INGESTION: DRINK 1-2 GLASSES OF WATER. SEEK MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

=====
===== 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 EXC

EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS. USE WATER SPRAY TO KEEP FIRE-EXPOSED CONTAINERS COOL.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER. MAY REQUIRE NEUTRALIZATION IF PH < 2.0 OR > 12.5.

Neutralizing Agent:NOT PROVIDED

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED.

Other Precautions:AVOID BREATHING MIST. AVOID CONTACT WITH EYES AND PROLONGED OR REPEATED CONTACT WITH SKIN. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:NONE SHOULD BE NEEDED.

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

Protective Gloves:FOR PROLONGED OR REPEATED SKIN CONTACT, IMPERVIOUS GLOVES SHOULD BE WORN.

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

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

Work Hygienic Practices:IT IS A GOOD INDUSTRIAL HYGIENE PRACTICE TO MINIMIZE SKIN CONTACT.

Supplemental Safety and Health
NONE

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

HCC:C2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:>100.C, 212.F

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

Decomp

Temp:Decomp Text:NOT PROVIDED
Vapor Pres:(68F):@23.0 MBAR(18.0 MMH
Vapor Density:0.6
Spec Gravity:1.403
pH:10.9
Viscosity:NOT PROVIDED
Evaporation Rate & Reference:NEGLIGIBLE
Solubility in Water:COMPLETE
Appearance and Odor:COLORLESS, ODORLESS, LIQUID.
Percent Volatiles by Volume:50-60 WT
Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES
NONE WITH COMMON MATERIALS AND CONTAMINANTS WITH WHICH THE MATERIAL MAY
REASONABLY COME INTO CONTACT.
Stability Condition to Avoid:NOT PROVIDED
Hazardous Decomposition Products:NONE

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

Toxicological Information:EFFECTS OF EXPOSURE: INHALATION: EXPECTED TO
BE A LOW HAZARD FOR RECOMMENDED HANDLING. 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 IRRITATION. SKIN: LOW POTENTIAL TO CAUSE
ALLERGIC SKIN REACTIONS; HOWEVER, CASES OF HUMAN SKIN
SENSITIZATION HAVE BEEN REPORTED. INGESTION: MAY BE HARMFUL IF
SWALLOWED. SOME ASTHMATICS OR SULFITE-SENSITIVE INDIVIDUALS MAY
EXPERIENCE WHEEZING, CHEST TIGHTNESS, STOMACH UPSET, HIVES,
FAINTNESS, WEAKNESS, DIARRHEA.

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

Ecological:THIS MATERIAL IS A
MODERATELY ALKALINE AQUEOUS SOLUTION AND
EXPECTED TO HAVE THE FOLLOWING PROPERTIES: A LOW BIOCHEMICAL OXYGEN
DEMAND, A LITTLE POTENTIAL TO CAUSE OXYGEN DEPLETION IN AQUEOUS
SYSTEMS, A LOW POTENTIAL TO AFFECT SOME AQUATIC ORGANISMS, A LOW
POTENTIAL TO AFFECT SECONDARY WASTE TREATMENT MICROBIAL METABOLISM,
A LOW POTENTIAL TO AFFECT GERMINATION AND/OR EARLY GROWTH OF SOME
PLANTS, A LOW POTENTIAL TO BIOCONCENTRATE. WHEN DILUTED WITH
WATER, THIS MATERIAL RELEASED DIRECT

LY OR INDIRECTLY INTO THE ENVIRONMENT IS NOT EXPECTED TO HAVE A SIGNIFICANT IMPAC.

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

Waste Disposal Methods:FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER.

===== 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 OF 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 CALIFO
RNIA TO CAUSE ADVERSE REPRODUCTIVE EFFECTS: NONE.

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

Disclaimer (provided with this information by the compiling agencies): 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.