

EASTMAN KODAK COMPANY -- 812 1188,PT B,KODAK T-MAX 100 DIRECT POSITIVE (SEE SUPPL) --  
6750-01-097-0773

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

Product ID:812 1188,PT B,KODAK T-MAX 100 DIRECT POSITIVE (SEE SUPPL)

MSDS Date:03/09/2001

FSC:6750

NIIN:01-097-0773

Status Code:A

Kit Part:Y

MSDS Number: CLHHP

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

S

tate:NY

ZIP:14650

Country:US

Info Phone Num: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

Minumum % Wt:80.

Maxumum % Wt:85.

Ot

her REC Limits:NOT PROVIDED

Code:F

Code:F

Ingred Name:POLYETHYLENE GLYCOL

CAS:25322-68-3

RTECS #:TQ3500000

Minumum % Wt:5.

Maxumum % Wt:10.

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:5.

Maxumum % Wt:10.

Other REC Limits:NOT PROVIDED

OSHA PEL:NOT PROVIDED

ACGIH TLV:NOT PROVIDED

Ingred Name:DIMETHYLAMINE BORANE

CAS:74-94-2

RTECS #:IP9450000

&lt; Wt:.1

Other REC Limits:NOT PROVIDED

OSHA PE

L:NOT PROVIDED

ACGIH TLV:NOT PROVIDED

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

LD50 LC50 Mixture:NOT PROVIDED

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

Health Hazards Acute and Chronic:INHALATION: EXPECTED LOW HAZARD FOR  
USUAL INDUSTRIAL OR COMMERCIAL HANDLING BY TRAINED PERSONNEL. IN  
CONTACT WITH STRONG ACIDS OR IF HEATED, SULFITES MAY LIBERATE  
SULFUR DIOXIDE GAS. SULFUR DIOXIDE G AS IS IRRITATING TO  
RESPIRATORY TRACT. SOME ASTHMATICS OR

HYPERSENSITIVE INDIVIDUALS

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

Explanation of Carcinogenicity:(IARC): HYDROQUINONE, SULFUR DIOXIDE, SOME SULFITES, BISULFITES AND METASULFITES, GROUP 3; NOT CLASSIFIABLE. (ACGIH): HYDROQUINONE, A3; CONFIRMED ANIMAL CARCINOGEN WITH UNKNOWN RELEVANCE HUMANS. - NATIONAL TOXICOLOGY PROGRAM (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. SULFUR DIOXIDE GAS IS IRRITATING TO RESPIRATORY TRACT. EYES: CAUSES IRRITATION. SKIN: INGESTION: MAY CAUSE IRRITATION OF GASTROINTESTINAL TRACT.

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: 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 IF SYMPTOMS OCCUR. 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:NONFLAMMABLE  
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

E HAZARDOUS  
DECOMPOSITION PRODUCTS.  
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:FLUSH TO SEWER WITH LARGE AMOUNT OF WATER.  
OTHERWISE, ABSORB SPILL WITH VERMICULITE OR OTHER INERT MATERIAL,  
THEN PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE  
THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.  
Neutralizing Agent:NONE

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

Handling  
and Storage Precautions:KEEP CONTAINER CLOSED. KEEP AWAY FROM  
INCOMPATIBLE SUBSTANCES.  
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. A RESPIRATOR SHOULD BE  
WORN IF HAZARDOUS DECOMPOSITION PRODUCTS ARE LIKELY TO BE OR HAVE  
BEEN RELEASED. RESPIRATOR TYPE: ACID GAS. IF RESPIRATORS ARE USED,  
A PROGRAM SHOULD BE INSTITUTED TO 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.  
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, WASHING FACILITIES, SAFETY SHOWER  
Work Hygienic Practices:IT IS A GOOD INDUSTRIAL HYGIENE PRACTICE TO  
MINIMIZE SKIN CONTACT.  
Supplemental Safety and Health  
CONTD FROM PRODUCT ID: FILM REDEVELOPER. THIS IS A KIT. THE OTHER MSDS  
SERIAL NUMBER: CLHHN.

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

HCC:B3  
NRC/State Lic Num:NOT RELEVANT  
Boiling 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:1.08  
pH:7.0  
Viscosity:NOT PROVIDED  
Evaporation Rate & Reference:NOT PROVIDED  
Solubility in Water:APPRECIABLE  
Appearance and Odor:WHITE, WAXY LIQUID, SLIGHT ODOR.  
Percent Volatiles by Volume:80-85 WT  
Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES  
STRONG ACIDS.  
Stability Condition to Avoid:NOT PROVIDED  
Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE,  
  
SULFUR DIOXIDE.

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

Toxicological Information:INHALATION: EXPECTED LOW HAZARD FOR USUAL INDUSTRIAL OR COMMERCIAL HANDLING BY TRAINED PERSONNEL. IN CONTACT WITH STRONG ACIDS OR IF HEATED, SULFITES MAY LIBERATE SULFUR DIOXIDE GAS. SULFUR DIOXIDE GAS IS IRRITATING TO RESPIRATORY TRACT. SOME ASTHMATICS OR HYPERSENSITIVE INDIVIDUALS MAY EXPERIENCE DIFFICULT BREATHING. EYES: CAUSES IRRITATION. SKIN: MATERIAL HAS LOW POTENTIAL TO CAUSE ALLERGIC SKIN REACTIONS; HOWEVER, CASES OF HUMAN SKIN SENSITIZATION HAVE BEEN REPORTED. INGESTION: MAY BE HARMFUL IF SWALLOWED. MAY CAUSE IRRITATION OF GASTROINTESTINAL TRACT.

===== 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: >100. ORGANICS READILY DEGRADABLE (>70%): NO. POTENTIAL BIOACCUMULATION: LOG POW 100.

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

Waste Disposal Methods:DISCHARGE, TREATMENT, OR DISPOSAL MAY BE SUBJECT TO NATIONAL, STATE, OR LOCAL LAWS. FLUSH TO SEWER WITH LARGE AMOUNT OF WATER. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE, FOLLOW LABEL WARNINGS EVEN AFTER CONTAINER IS EMPTIED.

===== 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 OR TITLE III OF THE SUPERFUND  
AMENDMENTS AND REAUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR  
PART 372: NO

NE.

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 =====

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