

EASTMAN KODAK COMPANY -- 812 1188 T-MAX 100 DIRECT POSITIVE FILM CLEARING BATH,
CONC -- 6750-01-097-0773

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

Product ID:812 1188 T-MAX 100 DIRECT POSITIVE FILM CLEARING BATH, CONC

MSDS Date:03/11/1998

FSC:6750

NIIN:01-097-0773

MSDS Number: CHQLS

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Co

untry:US

Info 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:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 60-65%
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM SULFITE
CAS:10117-38-1
RTECS #:WT3530000
Fraction by Wt: 30-35%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM BICARBONATE
CAS:144-55-8
RTECS #:VZ0950000
Fraction by Wt: < 1%
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM CARBONATE
CAS:584-08-7
RTECS #:TS7750000
Fraction by Wt: 1-5%
Other REC Limi
ts:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT): NOT GIVEN
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EXPECTED TO BE A LOW INHALATION HAZARD
FOR RECOMMENDED HANDLING. MAY LIBERATE SULFUR DIOXIDE GAS WHICH IS
IRRITATING TO THE RESPIRATORY TRACT. EYE CONTACT CAUSES IRRITATION.
SKIN CONTACT MAY CAUSE SKI N SENSITIZ
ATION. HARMFUL IF SWALLOWED.
MAY CAUSE IRRITATION OF THE GASTROINTESTINAL TRACT.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:RESPIRATORY TRACT IRRITATION, DIFFICULT
BREATHING, EYE IRRITATION, SKIN IRRITATION, ALLERGIC SKIN REACTION,
WHEEZING, CHEST TIGHTNESS, STOMACH UPSET, HIVES, FAINTNESS,
WEAKNESS, DIARRHEA.
Medical Cond Aggravated by Expos

ure:SOME ASTHMATICS OR
SULFITE-SENSITIVE INDIVIDUALS MAY EXPERIENCE WHEEZING, DIFFICULT
BREATHING, CHEST TIGHTNESS, STOMACH UPSET, HIVES, FAINTNESS,
WEAKNESS, DIARRHEA.

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

First Aid:INHALATION: IF SYMPTOMATIC, MOVE TO FRESH AIR. GET MEDICAL
ATTENTION IF SYMPTOMS PERSIST. EYES: WASH OUT IMMEDIATELY WITH
WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. SKIN: WASH WITH
SOAP & 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
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:NONFLAMMABLE. USE EXTINGUISHING MEDIA SUITABLE FOR
SURROUNDING FIRE.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PR
ODUCE HAZARDOUS
DECOMPOSITION PRODUCTS.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:FLUSH TO SEWER IF ALLOWABLE WITH LARGE AMOUNTS
OF WATER. OTHERWISE, ABSORB SPILL WITH VERMICULITE OR OTHER INERT
MATERIAL, THEN PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN
SURFACE TO REMOVE RESIDUA L CONTAMINATION.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID BREATHING MIST. AVOID CONTACT
WITH EYES, SKIN AND CLOTHING. USE WITH ADEQUATE VENTILATION.
Other Precautions:KEEP CONTAINER CLOSED. KEEP AWAY FROM INCOMPATIBLE
SUBSTANCES.

===== 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. R

RESPIRATOR TYPE: ACID GAS. IF RESPIRATORS ARE USED,
A PROGRAM SHOULD BE INSTITUTED TO ASSURE COMPLIANCE WITH OSHA
Ventilation:GOOD GENERAL VENTILATION, TYPICALLY 10 AIR CHANGES PER
HOUR, SHOULD BE USED. RATES SHOULD MATCH CONDITIONS.
Protective Gloves:IMPERVIOUS
Eye Protection:SAFETY GLASSES W/SIDE SHIELDS OR GOGGLES
Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO
PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE
AVAILABLE.
Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER
BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.
Supplemental Safety and Health
FORMULATION DIFFERENT OTHER P/NS.

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

HCC:B3
Boiling Pt:B.P. Text:>212F,>100C
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Vapor Pres:18
Vapor Density:0.6
Spec Gravity:1.35
pH:10.6
Viscosity:NOT GIVEN
Evaporation Rate & Reference:NOT GIVEN
Solubility in Water:COMPLETE
Appearance and Odor:COLORLESS LIQUID, NO ODOR
Percent Volatiles by Volume:60-65%

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

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:SULFUR DIOXIDE.

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

Waste Disposal Methods:DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT
TO NATIONAL, STATE OR LOCAL LAWS. DISPOSE OF IN ACCORDANCE WITH

TH ALL

APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. SINCE EMPTIED
CONTAINERS RETAIN PRO DUCT RESIDUE, FOLLOW LABEL WARNINGS AFTER
EMPTY.

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
do

cument should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.