

EASTMAN KODAK CO GOVERNMENT MARKETS CONTRACTS -- 846-1949 KODAK EKTACOLOR
PRIME SP DEVELOPER REPLENISHER CONC -- 6750-01-320-4809

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

Product ID:846-1949 KODAK EKTACOLOR PRIME SP DEVELOPER REPLENISHER CONC

MSDS Date:11/24/1999

FSC:6750

NIIN:01-320-4809

Status Code:A

Kit Part:Y

MSDS Number: CLJTP

=== Responsible Party ===

Company Name:EASTMAN KODAK CO GOVERNMENT MARKE
TS CONTRACTS

Address:343 STATE ST

City:ROCHESTER

State:NY

ZIP:14650-1115

Country:US

Info Phone Num:716-722-5151/(800) 242-2424

Emergency Phone Num:716-722-5151

Resp. Party Other MSDS Num.:000002151/F/USA

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

Addre

ss: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:DIETHYLENE GLYCOL

CAS:111-46-6

RTECS #:ID5950000

= Wt:48.

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Minimum % Wt:25.

Maxumum % Wt:30.

Ingred Name:POTASSIUM CARBONATE

CAS:584-08-7

M

IDE

CAS:92-09-1

Minumum % Wt:1.

Maxumum % Wt:5.

Ingred Name:N,N-DIETHYLHYDROXYLAMINE

CAS:3710-84-7

RTECS #:NC3500000

Minumum % Wt:1.

Maxumum % Wt:5.

Ingred Name:SODIUM HYDROXIDE

CAS:1310-73-2

RTECS #:WB4900000

Minumum % Wt:1.

Maxumum % Wt:5.

OSHA PEL:2 MG/M3

ACGIH STEL:C2 MG/M3

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:TRIETHANOLAMINE

CAS:102-71-6

RTECS #:KL9275000

Minumum % Wt:1.

Maxumum % Wt:5.

ACGIH TLV:5 MG/M3

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

LD50 LC50 Mixture:NO DATA PROVIDED BY MANUFACTURER

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:CAUSES SKIN AND EYE BURNS. CAN CAUSE KIDNEY DAMAGE. CAN CAUSE CNS EFFECTS. MAY CAUSE ALLERGIC SKIN REACTION. POTENTIAL PEROXIDE FORMER. CAN CAUSE LIVER DAMAGE BASED ON ANIMAL DATA.

Explanation of Carcinogenicity:CARCINOGENICITY CLASSIFICATION (COMPONENTS PRESENT AT 0.1% OR MORE):

IARC-NONE; ACGIH-NONE;
NTP-NONE; OSHA-NONE.

Effects of Overexposure:CAUSES SKIN AND EYE BURNS. CAN CAUSE KIDNEY DAMAGE. CAN CAUSE CNS EFFECTS.. MAY CAUSE ALLERGIC SKIN REACTION. POTENTIAL PEROXIDE FORMER. CAN CAUSE LIVER DAMAGE BASED ON ANIMAL DATA.

Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY MANUFACTURER

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

First Aid:IF SWALLOWED, ONLY INDUCE VOMITING AS DIRECTED BY MEDICAL PERSONNEL. NOTHING BY MOUTH TO UNCONSCIOUS PERSON. IF INHALED, REMOVE TO FRESH AIR. TREAT SYMPTOMATICALLY. IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES AND SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. GET IMMEDIATE MEDICAL ATTENTION. WASH CONTAMINATED CLOTHES BEFORE REUSE. DESTROY OR THOROUGHLY CLEAN CONTAMINATED SHOES.

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

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

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:MAY FORM PEROXIDES OF UNKNOWN STABILITY.

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

Spill Release Procedures:FLUSH TO SEWER WITH LARGE AMOUNTS 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:NO DATA PROVIDED BY MANUFACTURER

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

Handling and Storage Precautions:DO NOT GET IN EYES, ON SKIN, ON CLOTHING. AVOID PROLONGED OR REPEATED BREATHING OF MIST OR VAPOR. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. STORE AWAY FROM HEAT AND LIGHT. KEEP CONTAINER TIGHTLY CLOSED. KEEP AWAY FROM INCOMPATIBLE MATERIALS.

Other Precautions:USE WITH ADEQUATE VENTILATION

. KEEP FROM CONTACT WITH
OXIDIZING MATERIALS. IF PEROXIDE FORMATIONS IS SUSPECTED, DO NOT
OPEN OR MOVE CONTAINER. MINIMIZE EXPOSURE TO AIR.

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

Respiratory Protection:IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE
CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS, AN APPROVED
RESPIRATOR MUST BE WORN. RESPIRATOR TYPE: ORGANIC VAPOR. IF
RESPIRATORS ARE USED, A PROGR AM SHOULD BE INSTITUTED TO ASSURE
COMPLIAN

CE WITH OSHA STANDARD 29 CFR 1910.134.

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

Protective Gloves:WEAR IMPERVIOUS GLOVES

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

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

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

NOTE TO PHYSICIANS: STRONG ALKALIS BIND TISSUE PROTEIN FOLLOWING INITIAL
FLUSHING

OF THE EYE WITH WATER, CONTINUE IRRIGATION OF THE EYE

WITH SALINE IS RECOMMENDED. TREATMENT SHOULD BE CONTINUED UNTIL PH
OF TEARS REACHES NEUTRAL. RELATED MSDS FOR WORKING SOLUTION: CLJTC.

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

HCC:B1

Vapor Pres:@ 20 C: 24 MBAR (18 MMHG

Vapor Density:0.6

Spec Gravity:1.22

pH:12.1

Solubility in Water:COMPLETE

Appearance and Odor:ORANGE, LIQUID, AMINE ODOR

Percent Volatiles by Volume:60-65%

===== Stability

and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, ACIDS

Stability Condition to Avoid:STABLE, HOWEVER, COMPENT FORMS EXPLOSIVE
PEROXIDES ON CONCENTRATION.

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

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:CONTAINS: DIETHYLENE GLYCOL. CAN CAUSE KIDNEY

DAMAGE. CAN CAUSE CNS EFFECTS. CONTAINS:
N-(2-((4-AMINO-3-METHYLPHENYL)ETHYLAMINO)ETHYL-METHANESULFONAMIDE.
MAY CAUSE KIDNEY DAMAGE BASED ON ANIMAL DATA. CONTAINS:
TRIETHANOLAMINE. BASED ON ANIMAL DATA, MAY CAUSE ADVERSE EFFECTS ON
THE FOLLOWING ORGANS/SYSTEMS: KIDNEY, LIVER. INHALATION: MIST
IRRITATING. MAY BE HARMFUL IF INHALED. EYES: CAUSES BURNS. SKIN:
CAUSES BURNS. HARMFUL IF ABSORBED THROUGH SKIN. MAY CAUSE ALLERGIC
SKIN REACTION. INGESTION: HARMFUL IF SWALLOWED. MAY CAUSE BURNS OF
THE GASTROINTESTINAL TRACT IF SWALLOWED. ACUTE TOXICITY DATA: (IN
VITRO) SKIN IRRITATION: SEVERE.

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

Ecological: THIS MATERIAL IS A STRONGLY ALKALINE AQUEOUS SOLUTION, &
THIS PROPERTY MAY CAUSE ENVIRONMENTAL EFFECTS. HOWEVER, THE
MATERIAL ITSELF, HAS NOT BEEN TESTED FOR ENVIRONMENTAL EFFECTS.
IT IS EXPECTED TO HAVE THE FOLLOWING PROPERTIES: A MODERATE
BIOLOGICAL OXYGEN DEMAND & MAY CAUSE OXYGEN DEPLETION IN AQUEOUS
SYSTEMS; A HIGH POTENTIAL TO AFFECT SOME AQUATIC ORGANISMS, A
HIGH POTENTIAL TO AFFECT SECONDARY WASTE TREATMENT MICROBIAL
METABOLISM, A LOW POTENTIAL TO BIOCONCENTRATE. AFTER DILUTION,
FOLLOWED BY SECONDARY WASTE TREATMENT, THIS MATERIAL IS NOT
EXPECTED TO CAUSE ADVERSE ENVIRONMENTAL EFFECTS.

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

Waste Disposal Methods: DISCHARGE, TREATMENT, OR DISPOSAL MAY BE
SUBJECT TO NATIONAL, STATE, OR LOCAL LAWS. FLUSH TO SEWER WITH LARGE
AMOUNTS 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 KODAK WORLDWIDE TRANSPORTATION HAZMAT HOT LINE: (716)
722-2400 BETWEEN 8 AM AND 5 PM (EASTERN STANDARD TIME), MONDAY
THROUGH FRIDAY.

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

SARA Title III Information:CHEMICAL(S) SUBJET TO THE REPORTING
REQUIREMENTS OF SECTION 313 OR TITLE III ID THE SUPERFUND
AMENMENDTS AND REAUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR PART
372: DIETHYLENE GLYCOL

Federal Regulatory Information:NO DATA PROVIDED BY MANUFACTURER

State Regulatory Information:MATERIAL(S) KNOWN TO THE STATE OF
CALIFORNAI TO CAUSE CANCER AND/OR 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.