

EASTMAN KODAK COMPANY -- 825 4237 T-MAX RS DEVELOPER AND REPLENISHER,PART B --
6750-01-388-7764

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

Product ID:825 4237 T-MAX RS DEVELOPER AND REPLENISHER,PART B

MSDS Date:02/11/1998

FSC:6750

NIIN:01-388-7764

MSDS Number: CHHWV

=== 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

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/Informa

tion on Ingredients =====

Ingred Name:DIETHYLENE GLYCOL
CAS:111-46-6
RTECS #:ID5950000
Fraction by Wt: 95%
Other REC Limits:NONE RECOMMENDED

Ingred Name:ACETIC ACID (CERCLA)
CAS:64-19-7
RTECS #:AF1225000
Fraction by Wt: 1 - 5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 PPM
ACGIH TLV:10 PPM/15 STEL; 9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:1,4-DIPHENYL-3-(PHENYLIAMINO)-1H-1,2,4-TRIAZOLIUM HYDROXIDE
CAS:2218-94-2
Fraction by Wt: < 1%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, CNS, KIDNEY AND
GASTROINTESTINAL TRACT. ACUTE- CAUSES EYE IRRITATION. LOW HAZARD BY
SKIN CONTACT. EXPECTED TO BE A LOW HAZARD BY INHALATION. HARMFUL IF
SWALLOWED. CAN CAUSE KIDNEY DAMAGE AND CENTRAL NERVOUS
SYSTEM
EFFECTS FOLLOWING INGESTION. CHRONIC - UNKNOWN.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, HEADACHE, DIZZINESS, TEARING

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

First Aid:CALL PHYSICIAN IF SYMPTOMS DEVELOP. EYE:IMMEDIATELY FLUSH
WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH SOAP &
WATER. INHALED:MOVE TO FRESH AIR. ORAL:ONLY INDUCE VOMITING AT
INSTRUCTION OF PHYSICIAN. CALL A PHYSICIAN/POISON CONTROL

L CENTER

IMMEDIATELY. NEVER GIVE FLUID OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAS CONVULSIONS.

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

Flash Point:>200F,>93C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE (CO2), ALCOHOL FOAM OR DRY CHEMICAL. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. HAZARDOUS DECOMPOSITION PRODUCTS MAY BE FORMED.

Unusual Fire/Explosion Hazard:FORMS PEROXIDES OF UNKNOWN STABILITY.

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

Spill Release Procedures:FLUSH TO SEWER WITH LARGE AMOUNT OF WATER. OTHERWISE, ABSORB SPILL WITH INERT MATERIAL SUCH AS VERMICULITE, THEN PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage

Precautions:STORE AWAY FROM HEAT, LIGHT AND STRONG OXIDIZING AGENTS. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. AVOID INHALATION OF VAPORS. KEEP OUT OF REACH OF CHILDREN. FOR LABORATORY USE ONLY. NOT FOR DRUG, FOOD/HOUSEHOLD USE. USE WITH ADEQUATE VENTILATION.

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

Respiratory Protection:IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS BELOW TLV, A NIOSH-APPROVED FULL-FACE ORGANIC VAPOR RESPIRATOR MUST BE WORN. A PROGRAM SHOULD BE INSTITUTED TO ASSURE COMPLIANCE WITH OSHA STANDARD 29 CFR 1910.134.

Ventilation:GOOD GENERAL VENTILATION IS SUFFICIENT FOR MOST CONDITIONS (10 ROOM VOLUMES PER HOUR).

Protective Gloves:RUBBER FOR REPEATED/PROLONGED CONTACT

Eye Protection:SAFETY GLASSES WITH SIDE SHIELD/GOGGLES

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

Work Hygienic Practices:OBSERVE GOOD

OD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. WASH AFTER HANDLING AND BEFORE EATING OR
DRINKING.

Supplemental Safety and Health

KEY1:V5. FORMULA CHANGED; SEE PNI B. SEE PNI C FOR PART A AND W FOR
WORKING SOLUTION. ECOLOGICAL INFORMATION: A LOW BIOCHEMICAL OXYGEN
DEMAND, A LOW POTENTIAL TO AFFECT AQUATIC ORGANISMS. AFTER DILUTI
ON WITH WATER AND SECONDARY WASTE TREATMENT, THIS MATERIAL IS NOT
EXPECTED TO CAUSE ADVERSE ENVIRONMENTAL EFFECTS.

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= Physical/Chemical Properties =====

HCC:V5

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:>212F,>100C

Vapor Pres:18 @ 68F

Vapor Density:0.6

Spec Gravity:1.12

Solubility in Water:COMPLETE

Appearance and Odor:AMBER LIQUID - VINEGAR ODOR

Percent Volatiles by Volume:< 5

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:FORMS PEROXIDES OF UNKNOWN STABILITY.

Hazardo

us Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods:DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT
TO FEDERAL, STATE OR LOCAL REGULATIONS. FLUSH TO SEWER WITH LARGE
AMOUNT OF WATER, IF ALLOWED. SINCE EMPTIED CONTAINERS RETAIN
PRODUCT RESIDUE, FOLLOW L ABEL WARNINGS EVEN AFTER CONTAINER IS
EMPTIED.

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