

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 Ph

one 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/Info

Information on Ingredients =====

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

Ingredient 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

Ingredient 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

TROL 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.

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 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 DILUTION 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.
Haza
rdous 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 LABEL WARNINGS EVEN AFTER CONTAINER IS EMPTIED.

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