

EASTMAN KODAK COMPANY -- 138 2845 RP X-OMAT DEVELOPER AND REPLENISHER, PART B --  
6525-01-098-5797

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

Product ID:138 2845 RP X-OMAT DEVELOPER AND REPLENISHER, PART B

MSDS Date:07/15/1998

FSC:6525

NIIN:01-098-5797

Status Code:A

Kit Part:Y

MSDS Number: CJCMJ

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

Z

IP: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

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Composition/Information on Ingredients  
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Ingred Name:ACETIC ACID (CERCLA)  
CAS:64-19-7  
RTECS #:AF1225000  
Fraction by Wt: 70-75%  
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:DIETHYLENE GLYCOL  
CAS:111-46-6  
RTECS #:ID5950000  
Fraction by Wt: 15-20%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:1-PHENYL-3-PYRAZOLIDONE  
CAS:92-43-3  
RTECS #:UQ8750000  
Fraction by Wt: 5-10%  
Other REC Limits:  
NONE RECOMMENDED

Ingred Name:5-NITRO-1H-INDAZOLE  
CAS:5401-94-5  
RTECS #:NK7962000  
Fraction by Wt: < 1%  
Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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LD50 LC50 Mixture:ORAL LD50 (RAT): 476 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:CONTAINS DIETHYLENE GLYCOL WHICH CAN  
CAUSE KIDNEY DAMAGE AND CNS EFFECTS. INHALATION OF VAPOR EXTREM  
ELY  
IRRITATING TO RESPIRATORY TRACT & EYES. EYE CONTACT CAUSES SEVERE  
BURNS. SKIN CONTACT CAUSES BUR NS. MAY CAUSE ALLERGIC SKIN  
REACTION. POISON. MAY BE FATAL OR HARMFUL IF SWALLOWED. MAY CAUSE  
BURNS OR GI 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:KIDNEY DAMAGE, CNS EFFECTS, RESPIRATORY TRACT  
IRRITATION, EYE BURNS/IRRITATION, SKI

N BURNS, ALLERGIC SKIN REACTION, DEATH, GI TRACT BURNS.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== 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 AND WATER . GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. INGESTION: DO NOT INDUCE VOMITING. GIVE GLASS OF WATER TO DRINK. NEVER GIVE ANYTHING BY MOUTH IF UNCONSCIOUS. CALL PHYSICIAN OR POISON CONTROL ASAP.

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

Flash Point Method:SCC  
Flash Point:115F,46C  
Lower Limits:NOT GIVEN  
Upper Limits:NOT GIVEN  
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL FOAM.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.  
Unusual Fire/Explosion Hazard:USE WATER SPRAY TO KEEP FIRE-EXPOSED CONTAINERS COOL. MATERIAL CONTAINS A COMBUSTIBLE SOLVENT THAT MAY ACCUMULATE IN CONTAINER HEADSPACE. MAY FORM PEROXIDES.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. 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 RESIDUAL CONTAMINATION.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT GET IN EYES, ON SKIN, ON CLOTHING. DO NOT BREATHE VAPOR AT CONCENTRATIONS GREATER THAN EXPOSURE LIMITS. KEEP FROM CONTACT W/OXIDIZING MATERIALS  
Other Precautions:KEEP AWAY FROM HEAT AND FLAME. MINIMIZE EXPOSURE TO AIR. IF PEROXIDE FORMATION IS

SUSPECTED, DO NOT OPEN OR MOVE  
CONTAINER. KEEP CONTAINER TIGHTLY CLOSED. STORE AWAY FROM HEAT AND  
LIGHT.

===== 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, FULL-FACE  
ORGANIC VAPOR CARTRIDGE.

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

KEY1:F6. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE  
REUSE.

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

HCC:F6

Boiling Pt:B.P. Text:264F,129C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:1.08

pH:< 1.0

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:APPRECIABLE

Appearance and Odor:ORANGE LIQUID, VINEGAR ODOR

Percent Volatiles by Volume:70-75%

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

Stability

Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS, BASES

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

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

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

Waste Disposal Methods: DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO NATIONAL, STATE OR LOCAL LAWS. MAY REQUIRE NEUTRALIZATION IF PH < 2.0 OR PH > 12.5. DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE

FEDERAL, STATE AND LOCAL REGULATIONS.

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