

EASTMAN KODAK COMPANY -- 157 5224 KODAK CINEFLURE DEVELOPER AND REPLENISHER, PART A -- 6750-01-337-3129

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

Product ID:157 5224 KODAK CINEFLURE DEVELOPER AND REPLENISHER, PART A

MSDS Date:07/03/1996

FSC:6750

NIIN:01-337-3129

Kit Part:Y

MSDS Number: BWQDP

=== 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

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: 60-70%
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM SULFITE
CAS:10117-38-1
Fraction by Wt: 10-15%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM SULFITE
CAS:7757-83-7
RTECS #:WE2150000
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM HYDROXIDE (SARA III)
CAS:1310-58-3
RTECS #:TT2100000
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDE
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OSHA PEL:C 2 MG/M3
ACGIH TLV:C 2 MG/M3; 9394
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:HYDROQUINONE (SARA III)
CAS:123-31-9
RTECS #:MX3500000
Fraction by Wt: 4%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3; 9394
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:SODIUM TETRABORATE (BORAX)
CAS:1330-43-4
RTECS #:VZ2275000
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3
ACGIH TLV:1 MG/M3; 9394

Ingred Name:P-METHYLAMINOPHENOLSULFATE
CAS:5

5-55-1
RTECS #:SL8650000
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION-EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING. EYE-CAUSES BURNS. SKIN-CAUSES BURNS. INGESTION-HARMFUL IF SWALLOWED. MAY CAUSE BURNS OF THE GASTROINTESTINAL TRACT IF SWALLOWED.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO KNOWN CARCINOGENS OR SUSPECT CARCINOGEN.
Effects of Overexposure:SKIN-MAY CAUSE ALLERGIC SKIN REACTION.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALE-MOVE TO FRESH AIR. TREAT SYMPTOMATICALLY. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. EYE-IMMEDIATELY FLUSH WITH WATER FOR 15 MIN. GET MEDICAL ATTENTION. SKIN-IMMEDIATELY REMOVE CONTAMINATED CLOTHING/SHOES & WASH WITH SOAP & WATER. GET MEDICAL ATTENTION FOR SKIN REACTIONS. INGESTION-DO NOT INDUCE VOMITING. GIVE A GLASS OF WATER. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point:NONE
Autoignition Temp:Autoignition Temp Text:UNKNON
Extinguishing Media:USE APPROPRIATE AGENT FOR ADJACENT FIRE.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.
Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:NEUTRALIZE WITH SODIUM BISULFATE. FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER. OTHERWISE, ABSORB SPILL WITH VERMICULITE OR OTHER INERT MATERIAL, THEN PLACE IN CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED. KEEP AWAY FROM INCOMPATIBLE SUBSTANCES.

Other Precautions:DO NOT GET IN EYES, ON SKIN, ON CLOTHING. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. THE ROUTINE USE OF A NONALKALINE TYPE OF HAND CLEANER & REGULAR CLEANING OF WORKING SURFACES, G LOVES, ETC. IS ADVISED.

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

Respiratory Protection:N
ONE SHOULD BE NEEDED.

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

Protective Gloves:WEAR IMPERVIOUS GLOVES

Eye Protection:WEAR SAFETY GLASSES WITH SIDE SHIELD

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

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health
NONE

===== Physical/Chemical

I Properties =====

HCC:C1

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

Vapor Pres:24 MBAR

Vapor Density:0.6

Spec Gravity:1.289

pH:12.1

Solubility in Water:COMPLETE

Appearance and Odor:LIQUID. LIGHT YELLOW. SLIGHT ODOR.

Percent Volatiles by Volume:60-70

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

Stability Indicator/Materials to Avoid:YES

ACIDS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:SULFUR DIOXIDE.

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

Waste Disposal Methods: DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO NATIONAL, STATE OR LOCAL LAWS. NEUTRALIZE WITH SODIUM BISULFATE. FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER.

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