

EASTMAN KODAK CO. -- 818 5100 KODAK INDUSTREX DEVELOPER REPLRNISHER, WORKING SOLN -- 6750-01-365-5292

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

Product ID:818 5100 KODAK INDUSTREX DEVELOPER REPLRNISHER, WORKING SOLN

MSDS Date:04/24/1996

FSC:6750

NIIN:01-365-5292

MSDS Number: BXSFK

=== Responsible Party ===

Company Name:EASTMAN KODAK CO.

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:U

S

Info Phone Num:716-722-5151

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: 85-90%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM SULFITE  
CAS:10117-38-1  
RTECS #:WT3530000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:HYDROQUINONE (SARA 302/313) (CERCLA)  
CAS:123-31-9  
RTECS #:MX3500000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3; 9495  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:ACETIC ACID,POTASSIUM  
SALT/POTASSIUM ACETATE  
CAS:127-08-2  
RTECS #:AJ3325000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:GLUTARALDEHYDE-BIS-POTASSIUM BISULFITE  
CAS:68310-08-7  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS UNKNOWN.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATIO

N: EXPECTED TO BE A LOW

HAZARD FOR RECOMMENDED HANDLING. EYES: CAUSES IRRITATION. SKIN: CAUSES IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. INGESTION: EXPECTED TO BE A LOW INGESTION HAZARD.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.

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 PERSISTS. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AR LEAST 15 MIN. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: IM MEDIATELY REMOVE SOILED CLOTHES/SHOES &WASH WITH SOAP & WATER. GET MEDICAL ATTENTION. INGESTION: DRINK 1-2 GLASSES OF WATER. SEEK MEDICAL ATTENTION.

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

Flash Point:NONE

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.

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

Spill Release Procedures:FLUSH SPILLS 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 RE SIDUAL CONTAMINATION.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED.

Other Precautions:AVOID CONTACT WITH EYES, SKIN AND CLOTHING. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. THE ROUTINE USE OF A NONALKALINE TYPE OF HAND CLEANER AND REGULAR CLEANING OF WORKING SURFACE S WILL HELP MINIMIZE SKIN REACTIONS.

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

Respiratory Protection:NONE SHOULD BE NE

EDED.

Ventilation:GOOD GENERAL VENTILATION (TYPICALLY 10 AIR CHANGES/HR)  
SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS

Protective Gloves:WEAR IMPERVIOUS GLOVES.

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS OR GOGGLES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, WASHING  
FACILITIES. WEAR PROTECTIVE CLOTHING APPROPRIATE FOR THE RISK OF  
EXPOSURE.

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

Supplemental Safety and Health

KEY 1: N1, THIS ITEM IS PART OF A KIT. WARNING CONTAINS: HYDROQUINONE.  
HARMFUL IF SWALLOWED. CAUSES SKIN AND EYE IRRITATION. MAY CAUSE  
ALLERGIC SKIN REACTION. KEEP OUT OF REACH OF CHILDREN.

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

HCC:N1

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

Vapor Pres:18 MMHG

Vapor Density:0.6

Spec Gravity:1.082

pH:10.4

Solubility in Water:COMPLETE

Appearance and Odor:LIQUID, YELLOW-ORANGE,  
SLIGHT ODOR.

Percent Volatiles by Volume:85-90

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

Stability Indicator/Materials to Avoid:YES

NONE WITH COMMON MATERIALS AND CONTAMINANTS WITH WHICH THE MATERIAL MAY  
REASONABLY COME INTO CONTACT.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:SULFUR DIOXIDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Was

te Disposal Methods:DISCHARGE, TREATMENT, OR DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE, OR LOCAL LAWS. FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER.

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.