

EASTMAN KODAK COMPANY -- 139 7215 INDUSTREX DEVELOPER REPLENISHER, WORKING
SOLUTION -- 6750-01-353-4889

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

Product ID:139 7215 INDUSTREX DEVELOPER REPLENISHER, WORKING SOLUTION

MSDS Date:11/18/1992

FSC:6750

NIIN:01-353-4889

Kit Part:Y

MSDS Number: BVFZR

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650-1115

Country:US

Info Phone Num:716-477-3194

Emergency Ph

one 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

===== 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 W

t: 5-10%
Other REC Limits:NONE RECOMMENDED

Ingred Name:HYDROQUINONE (SARA III)
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; 9394
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
CAS:111-30-8
RTECS #:MA2450000
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 0.2 PPM
ACGIH TLV:C 0.2 PPM; 9394

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE:CAUSES IRRITATION. SKIN:CAUSES
IRRITATION. MAY CAUSE ALLERGIC REACTION. INHALED:EXPECTED TO BE A
LOW HAZARD FOR RECOMMENDED HANDLING. HOWEVER GLUTERALDEHYDE IS A
RESPIRATORY IRRITANT AND MAY AGGRA VATE ASMATIC DISORDERS.
IN
GESTED:EXPECTED TO BE A LOW INGESTION HAZARD.
Explanation of Carcinogenicity:MFR LISTED NO INFORMATION ABOUT THE
CARCINOGENICITY OF THIS MATERIAL. HMIS DOES NOT EXPECT IT TO BE
CARCINOGENIC.
Effects of Overexposure:EYE:IRRITATION. SKIN:IRRITATION. MAY CAUSE
ALLERGIC REACTION. INHALED:EXPECTED TO BE A LOW HAZARD FOR
RECOMMENDED HANDLING. MAY AGGRAVATE ASMATIC DISORDERS.
INGESTED:EXPECTED TO BE A LOW INGESTION HAZ ARD.
Medical Cond Aggravated by Exposure:PRE-EXISTING ASTHMATIC

DISORDERS.

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

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. GET IMMEDIATE MEDICAL ATTENTION. SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. GET MEDICAL CARE FOR ANY SKIN REACTION. I NHALED:REMOVE TO FRESH AIR. IF SYMPTOMSPERSIST, GET MEDICAL CARE. INGESTED:DRINK 1-2 GLASSES OF WATER AND GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:NOT RELEVANT

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER.

Neutralizing Agent:NO INFORMATION GIVEN BY MFR ON MSDS.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED.KEEP AWAY FROM INCOMPATIBLE SUBSTANCES.AVOID CONTACT W/EYES, SKIN, AND CLOTHING USE WITH ADEQUATEVENTILATION.

Other Precautions:WASH THOROUGHLY AFTER HANDLING. USE NONALKALINE (ACID) TYPE HAND CLEANER,REGULAR CLEANING OF WORKING SURFACES,GLOVES ETC, WILL HELP MINIMIZE THE POSSIBILITY OF SKIN REACTION. NO SPECIAL PRECAUTIONS SH OULD BE NEEDED UNDER NORMAL CONDI TIONS.

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

Respiratory Protection:IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS, AN APPROVED ORGANIC VAPOR RESPIRATOR MUST BE WORN. IF RESPIRATORS ARE WORN, COMPLY WITH OSHA STANDARD 29CFR1910.134.

Ventilation:USE PROCESS ENCLOSURES, LOCAL EXHAUST OR OTHER ENGINEERING CONTROLS TO MAINTAIN EXPOSURE BELOW RECOMMENDED LIMITS.

Protective Gloves:IMPERVIOUS GLOVES

Eye

Protection:SAFETY GLASSES W/SIDE SHIELDS OR GOGGLES
Other Protective Equipment:WEAR PROTECTIVE CLOTHING APPROPRIATE FOR THE
RISK OF EXPOSURE. EYE BATH, WASHING FACILITIES & SAFETY SHOWER.
Work Hygienic Practices:MFR: ? HMIS:USE STRICT CHEMICAL HYGIENE
PRACTICE. AVOID UNNECESSARY EXPOSURE. WASH THOROUGHLY BEFORE EATING
OR DRINKING.
Supplemental Safety and Health
THIS MSDS COVERS THE 75 GALLONS OF WORKING SOLUTION MADE FROM P/N IND
A.

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

HCC:N1
NRC/State Lic Num:NONE
Boiling Pt:B.P. Text:>212F,>100C
Vapor Pres:18 MM
Vapor Density:0.6
Spec Gravity:1.09
pH:10.4
Solubility in Water:COMPLETE
Appearance and Odor:YELLOW ORANGE LIQUID, SLIGHT ODOR
Percent Volatiles by Volume:85

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

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS
Stability Condition to Avoid:HIGH TEMPERATURES AND FLAMES
Hazardous Decomposition Products:SULFUR DIOXIDE
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

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

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