

EASTMAN KODAK COMPANY -- 102 3209 DURAFLO RT DEVELOPER (WORKING SOLUTION) --
6750-01-319-6473

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

Product ID:102 3209 DURAFLO RT DEVELOPER (WORKING SOLUTION)

MSDS Date:10/30/1996

FSC:6750

NIIN:01-319-6473

MSDS Number: CDXMN

=== 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 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/Information

on Ingredients =====

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 80 - 85%
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM SULFITE
CAS:10117-38-1
RTECS #:WT3530000
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM SULFITE
CAS:7757-83-7
RTECS #:WE2150000
Fraction by Wt: 1 - 5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM BICARBONATE
CAS:144-55-8
RTECS #:VZ0950000
Fraction by Wt: 1 - 5%
Other REC Limits:NONE RECOMMENDED

I
ngred Name:GLUTARALDEHYDE-BIS-SODIUM BISULFITE,
CAS:7420-89-5
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: 0.5-1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3; 9596
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.
Routes of Entry: Inhalation:NO Skin:YES Ingesti

on: YES
Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO
Health Hazards Acute and Chronic: TARGET ORGANS: EYES, SKIN. ACUTE-
EYES: CAUSES IRRITATION. SKIN: MAY CAUSE IRRITATION AND ALLERGIC SKIN
REACTION. INHALATION: LOW HAZARD FOR RECOMMENDED HANDLING.
ORAL: EXPECTED TO BE A LOW INGESTION HAZARD. CHRONIC- UNKNOWN.
Explanation of Carcinogenicity: THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure: IRRITATION, ALLERGIC SKIN REACTION
Medical Conditions Aggravated by Exposure: SOME ASTHMATICS OR
SULFITE-SENSITIVE INDIVIDUALS MAY EXPERIENCE WHEEZING, CHEST
TIGHTNESS, STOMACH UPSET, HIVES, FAINTNESS, WEAKNESS, DIARRHEA.

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

First Aid: GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN: REMOVE
CONTAMINATED CLOTHING. WASH SKIN WITH SOAP & WATER. EYE: FLUSH WITH
WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. CALL PHYSICIAN.
INHALED:
REMOVE TO FRESH AIR. ORAL: IF CONSCIOUS, DRINK 1-2 GLASSES OF
WATER. SEEK MEDICAL ATTENTION.

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

Flash Point: NONE
Lower Limits: NOT GIVEN
Upper Limits: NOT GIVEN
Extinguishing Media: NONFLAMMABLE. USE EXTINGUISHING MEDIA SUITABLE FOR
SURROUNDING FIRE.
Fire Fighting Procedures: WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard: FIRE OR EXCESSIVE HEAT
MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures: FLUSH SPILL TO SEWER WITH LARGE AMOUNT OF
WATER IF REGULATIONS ALLOW OR ABSORB SPILL WITH VERMICULITE. 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: KEEP

CONTAINER CLOSED. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:AVOID CONTACT WITH EYES, SKIN AND CLOTHING. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. THE ROUTINE USE OF A NONALKALINE (ACID) TYPE OF HAND CLEANER AND REGULAR CLEANING OF WORKING SURFACES WILL MINIMIZE SKIN REACTION.

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

Respiratory Protection:NONE SHOULD BE NEEDED.
Ventilation:GOOD GENERAL VENTILATION (TYPICALLY 10 AIR CHANGE S/HR)
SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS
Protective Gloves:RUBBER/LATEX
Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS/GOGGLES
Other Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER AND IMPERVIOUS CLOTHING
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.
Supplemental Safety and Health
THIS ENTRY FOR WORKING SOLUTION.

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

HCC:B3
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:>212F,>100C
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Decomp Temp:Decomp Text:NOT GIVEN
Vapor Pres:18 @ 68F
Vapor Density:0.6
Spec Gravity:1.12
pH:9.6
Evaporation Rate & Reference:NOT GIVEN
Solubility in Water:COMPLETE
Appearance and Odor:COLORLESS LIQUID - ODORLESS
Percent Volatiles by Volume:80- 85

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

Stability Indicator/Materials t

o Avoid: YES

ACIDS

Stability Condition to Avoid: NONE

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE,
SULFUR DIOXIDE

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

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

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