

EASTMAN KODAK COMPANY -- 102 3209 DURAFLO RT DEVELOPER REPLENISHER,PART A --  
6750-01-319-6473

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

Product ID:102 3209 DURAFLO RT DEVELOPER REPLENISHER,PART A

MSDS Date:10/30/1996

FSC:6750

NIIN:01-319-6473

MSDS Number: CDXMM

=== 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: 70-80% %  
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM CARBONATE  
CAS:584-08-7  
RTECS #:TS7750000  
Fraction by Wt: 5-10% %  
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM SULFITE  
CAS:10117-38-1  
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 CARBONATE  
CAS:497-19-8  
RTECS #:VZ4050000  
Fraction by Wt: 1-5% %  
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM HYDROXIDE (CERCLA)  
CAS:1310-58-3  
RTECS #:TT2100000  
Fraction by Wt: 1-5% %  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:C 2 MG/M3  
ACGIH TLV:C 2 MG/M3; 9596  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:HYDROQUINONE (SARA 302/313) (CERCLA)  
CAS:123-31-9  
RTECS #:MX3500000  
Fraction by Wt: 3% %  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3; 9596  
EPA R

pt Qty:1 LB  
DOT Rpt Qty:1 LB

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE  
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EXPECTED TO BE A LOW INHALATION HAZARD  
FOR RECOMMENDED HANDLING. CAUSES EYE BURNS. CAUSES SKIN BURNS. MAY  
CAUSE ALLERGIC SKIN REACTION. HARMFUL IF SWALLOWED. MAY CAUSE BURNS  
OF THE GASTROINTESTINAL TRACT IF SWALLOWED.  
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT  
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT  
CARCINOGENS.  
Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION, EYE BURNS,  
SKIN BURNS, BURNS OF THE GASTROINTESTINAL TRACT.  
Medical Cond Aggravated by Exposure:SOME ASTHMATICS OR  
SULFITE-SENSITIVE INDIVIDUALS MAY EXPERIENCE WHEEZING OR CHEST  
TIGHTNESS.

===== 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: IMMEDIATELY  
REMOVE CONTAMINATED CLOTHING AND WASH WITH SOAP AND PLENTY OF  
WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. INGESTION: DO NOT  
INDUCE VOMITING. GIVE A GLASS OF WATER. CALL A PHYSICIAN  
IMMEDIATELY.

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

Flash Point:NONFLAMMABLE  
Lower Limits:NOT GIVEN  
Upper Limits:NOT GIVEN  
Extinguishing Media:NONFLAMMABLE. USE MEDIA SUITABLE FOR SURROUNDING  
FIRE.  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE.  
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE  
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:MAY REQ

UIRE NEUTRALIZATION. FLUSH TO SEWER  
WITH LARGE AMOUNTS OF WATER IF ALLOWABLE. OTHERWISE, ABSORB SPILL  
WITH VERMICULITE OR OTHER INERT MATERIAL, THEN PLACE IN A CONTAINER  
FOR CHEMICAL WASTE. CLE AN SURFACE THOROUGHLY TO REMOVE RESIDUAL.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT GET IN EYES, ON SKIN, ON  
CLOTHING. USE WITH ADEQUATER VENTILATION. WASH THOROUGHLY AFTE  
R

HANDLING. KEEP CONTAINER CLOSED.

Other Precautions:LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. DESTROY  
OR THOROUGHLY CLEAN CONTAMINATED SHOES. THE ROUTINE USE OF A  
NONALKALINE (ACID) TYPE OF HAND CLEANER WILL HELP MINIMIZE THE  
POSSIBILITY OF A SKIN RE ACTION. STORE AWAY FROM INCOMPATIBLES.

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

Respiratory Protection:NOT NORMALLY REQUIRED.

Ventilation:GOOD GENERAL VENTILATION (TYPICALLY 10 AIR CHANGES PER  
HOUR

) SHOULD BE USED. RATES SHOULD MATCH CONDITIONS.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:IMPERVIOUS CLOTHING APPROPRIATE FOR LEVEL OF  
EXPOSURE. WASHING FACILITIES, AN EMERGENCY EYE WASH STATION AND  
SHOWER

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT  
AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

KEY1:C2.

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

HCC:

B1

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

Vapor Density:0.6

Spec Gravity:1.27

pH:> 12

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:COMPLETE

Appearance and Odor:LIGHT YELLOW LIQUID, NO ODOR

Percent Volatiles by Volume:70-80%

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

Stability Indicator/Materials to Avoid:YES

ACIDS

Stability Condition to Avoid

:NONE SPECIFIED BY MANUFACTURER.

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

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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