

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 GASTROINTESTINA  
L TR ACT 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 CONTA MINATED CLOTHING AND WASH WITH SOAP ANDPLENTY 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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