

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

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

Product ID:102 3209 DURAFLO RT DEVELOPER REPLENISHER,

MSDS Date:06/09/1990

FSC:6750

NIIN:01-319-6473

Kit Part:Y

MSDS Number: BNNKP

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

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

===== Composition/Information on Ingredients =====

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 70-80%

Other REC Limits:NONE SPECIFIED

Ingred Name:POTASSIUM CARBONATE

CAS:584-08-7

RTECS #:

TS7750000  
Fraction by Wt: 5-10%  
Other REC Limits:NONE SPECIFIED

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

Ingred Name:HYDROQUINONE (SARA III)  
CAS:123-31-9  
RTECS #:MX3500000  
Fraction by Wt: 2%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3; 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:POTASSIUM HYDROXIDE (SARA III)  
CAS:1310-58-3  
RTECS #:TT2100000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE SPECIFIE  
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OSHA PEL:C, 2 MG/M3  
ACGIH TLV:C 2 MG/M3; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM CARBONATE  
CAS:497-19-8  
RTECS #:VZ4050000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE SPECIFIED

===== 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:INHALATION- LOW HAZARD FOR RECOMMENDED  
HANDLING. EYES- CAUSES BURNS. SKIN- PRO

LONGED OR REPEATED SKIN

CONTACT MAY CAUSE BURNS. MAY CAUSE AN ALLERGIC SKIN REACTION.

INGESTION- HARMFUL IF SWALLOWED. MAY CAUSE BURNS OR SEVERE IRRITATION OF THE GASTROINTESTINAL TRACT.

Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES- IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MIN. AND GET PROMPT MEDIC

AL ATTENTION. SKIN- FLUSH SKIN

WITH PLENTY OF WATER FOR AT LEAST 15 MIN AND WASH WITH A NON-ALKALINE TYPE OF SKIN CLEANER. REMOVE CONTAMINATED CLOTHING AND SHOES. GET MEDICAL ATTENTION IF SKIN BURNS OR AN ALLERGIC SKIN REACTION DEVELOPS. INGESTION- DO NOT INDUCE VOMITING. GIVE WATER AND GET PHYSICIAN.

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

Flash Point:NONCOMBUSTIBLE

Extinguishing Media:USE APPROPRIATE AGENT FOR SURROUNDING FIRE.

Fire Fighting

Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:SMALL AMOUNTS- NEUTRALIZE. FLUSH MATERIAL TO AN ACID-FREE SEWER WITH LARGE AMOUNTS OF WATER. LARGE SPILL- ABSORB SPILL WITH INERT MATERIAL AND PLACE IN A CONTAINER FOR CHEMICAL WASTE. FLUSH RESIDU

AL SPILL AND AREA WITH WATER.

Neutralizing Agent:SODIUM BISULFATE

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED AND AWAY FROM ACIDS.

Other Precautions:NONE

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

Respiratory Protection:SUPPLEMENTARY RESPIRATORY PROTECTION MAY BE NEEDED IN SPECIAL CIRCUMSTANCE.

Ventilation:GOOD VENTILATION SHOULD BE SUFFICIENT.

Protective Gloves:PROTECTIVE

GLOVES AND CLOTHING.

Eye Protection:SAFETY GLASSES, GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING AS NEEDED TO PREVENT CONTACT WITH MATERIAL.

Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

NONE

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

HCC:B3

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

Vapor Pres:18 MM HG

Vapor Density:0.6

Spec Gravity:1.268

pH:>12.0

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, SLIGHTLY YEL

LOW SOLUTION, ODORLESS.

Percent Volatiles by Volume:70

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS.

Stability Condition to Avoid:EXTREME TEMPERATURES.

Hazardous Decomposition Products:MAY PRODUCE OXIDES OF SULFUR.

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

Waste Disposal Methods:DISCHARGE, TREATMENT, OR DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE AND LOCAL REGULATIONS.

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vided with this information by the compiling agencies):

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