

EASTMAN KODAK COMPANY -- 101 6690, DURAFLO RT DEVELOPER STARTER -- 6750-01-005-6771  
===== Product Identification =====

Product ID:101 6690, DURAFLO RT DEVELOPER STARTER

MSDS Date:11/15/1995

FSC:6750

NIIN:01-005-6771

MSDS Number: BGCTJ

=== 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 =====

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Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 55-60%

Ingred Name:SODIUM BROMIDE  
CAS:7647-15-6  
RTECS #:VZ3150000  
Fraction by Wt: 25-30%

Ingred Name:ACETIC ACID (CERCLA)  
CAS:64-19-7  
RTECS #:AF1225000  
Fraction by Wt: 15-20%  
OSHA PEL:10 PPM  
ACGIH TLV:10 PPM/15 STEL; 9495  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:KODAK SUPPLIED NO LD50 FOR THE PRODUCT.

Routes of Entry: Inhalation:

YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:VAPOR IRRITATING. MAY CAUSE IRRITATION TO THE MUCOUS MEMBRANES & UPPER RESPIRATORY TRACT. CAUSES EYE BURNS. VAPOR CAUSES EYE IRRITATION & TEARING. CAUSES SKIN IRRITATION. HARMFUL IF SWALLOWED. MAY CAUSE BURNS OF THE G/I TRACT IF SWALLOWED.

Explanation of Carcinogenicity:IN ADDITION TO THE ABOVE, PRODUCT IS NEGATIVE W/REGARD TO:ACGIH CANCER, CALIFORNIA CANCER & REPRODUCTIVE EFFECTS.

Effects of Overexposure:MUCOUS MEMBRANE IRRITATION, UPPER RESPIRATORY TRACT IRRITATION, EYE BURNS, EYE IRRITATION/TEARING, SKIN IRRITATION, G/I TRACT IRRITATION.

Medical Cond Aggravated by Exposure:KODAK GAVE NO INFORMATION ABOUT CONDITIONS THAT MAY BE AGGRAVATED.

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

First Aid:IF SYMPTOMS OCCUR, GET IMMEDIATE MEDICAL ATTENTION.

INHALATION:IF SYMPTOMATIC, MOVE TO FRESH AIR. EYE:FLUSH W/PL

ENTRY OF

WATER FOR 15 MIN. SKIN:FLUSH W/WATER 15 MIN. REMOVE CONTAMINATED CLOTHING & LAUN DER BEFORE REUSE. INGESTION:INDUCE VOMITING AS DIRECTED BY MEDICAL PERSONNEL. NOTHING BY MOUTH IF UNCONSCIOUS. CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:NONE

Extinguishing Media:USE APPROPRIATE AGENT FOR ADJACENT FIRE.

Fire Fighting Procedures:WEAR SELF-C

ONTAINED BREATHING APPARATUS &

PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:MAY REQUIRE NEUTRALIZATION IF PH 12.

FLUSH TO SEWER W/LARGE AMOUNTS OF WATER. OTHERWISE, ABSORB SPILL W/VERMICULITE OR OTHER INERT MATERIAL & PLACE IN CONTAINER FOR CHEMICAL WASTE. CLEAN SURFAC E THOROUGHLY TO REMOVE RESIDUAL

CONTAMINATION.

Neutralizing Agent:SODIUM BICARBONATE

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED. KEEP AWAY FROM INCOMPATIBLE SUBSTANCES.

Other Precautions:DO NOT GET IN EYES & AVOID CONTACT W/SKIN & CLOTHING. USE W/ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORN E

CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS, AN APPROVED RESPIRATOR MUST BE WORN. USE AN ORGANIC VAPOR RESPIRATOR. IF RESPIRATORS ARE USED, COMPLY W/29CFR1910.134.

Ventilation:USE GOOD GENERAL VENTILATION (10 CHANGES/HR). MATCH VENTILATION RATES TO CONDITIONS.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS OR GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING APPROPRIATE FOR THE RISK OF EXPOSURE PLUS EYE BATH, WASHING FACILITIES, SAFETY

SHOWER.

Work Hygienic Practices:KODAK:? (DLA-HMIS:USE GOOD INDUSTRIAL HYGIENE PRACTICES. MINIMIZE PERSONAL CONTACT. WASH THOROUGHLY AFTER HANDLING.)

Supplemental Safety and Health

KAN 427898; PCD 5001; C-0052.500. ECOLOGICAL DATA: OXYGEN DEMAND = MODERATE. GERMINATION & PLANT EFFECTS = HIGH. WASTE TREATMENT MICROBE EFFECT = LOW. BIOCONCENTRATION = LOW. ADVERSE EFFECTS AFTER DI LUTION & TREATMENT = INSIGNIFICANT.

===== Physical/Chemical Properties =====  
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HCC:C3

NRC/State Lic Num:NONE

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

Vapor Pres:18 MM

Vapor Density:0.6

Spec Gravity:1.27

pH:2.0

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS LIQUID, VINEGAR ODOR

Percent Volatiles by Volume:70

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

Stability Indicator/Materials to Avoid:YES

BASES

Stability Condition to Avoid:STABLE UNDER NORMAL CONDITIONS OF USE.

Hazardous Decomposition Products:HYDROGEN BROMIDE, CARBON DIOXKDE,

CARBON MONOXIDE

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. NEUTRALIZE W/SODIUM BICARBONATE. FLUSH TO SEWER W/LARGE AMOUNTS OF WATER.

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