

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 =====

=====

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 =====
=====

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.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States

of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.