

EASTMAN KODAK COMPANY -- 153 2753 FLEXICOLOR DEVELOPER REPLENISHER, PA

=====
MSDS Safety Information
=====

FSC: 6750
NIIN: 01-178-4421
MSDS Date: 01/09/1998
MSDS Num: CFYPS
Product ID: 153 2753 FLEXICOLOR DEVELOPER REPLENISHER, PART B
MFN: 09
Kit Part: Y
Responsible Party
Cage: 19139
Name: EASTMAN KODAK COMPANY
Address: 343
STATE STREET
City: ROCHESTER NY 14650
Info Phone Number: 716-477-3194 MSDS :800- 242-2424
Emergency Phone Number: 716-722-5151
Proprietary Ind: Y
Review Ind: Y
Published: Y

=====
Contractor Summary
=====

Cage: 19139
Name: EASTMAN KODAK CO GOVERNMENT MARKETS CONTRACTS
Address: 343 STATE ST
City: ROCHESTER NY 14650-1115
Phone: 716-722-5151/(800) 242-2424
Cage: 5K871
Name: EASTMAN KODAK CO US CUSTOM
ER SERVICE/GOVERNMENT SALES
Address: 800 LEE RD
City: ROCHESTER NY 14650-3129
Phone: 800-828-6203

=====
Item Description Information
=====

Item Manager: S9I
Item Name: REPLENISHER,DEVELOPER,PHOTOGRAPHIC
Unit of Issue: PG
Quantitative Expression: 0000000025GL
UI Container Qty: 1

=====
Ingredients
=====

=====

Name: *** PROPRIETARY ***

=====

Health Hazards Data

=====

LD50 LC50 Mixture: ORAL LD50 (RAT) UNKNOWN

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: GENERAL: MAY CAUSE BLOOD DISORDERS BASED ON ANIMAL DATA.

INHALATION-EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING. EYES-CAUSES

IRRITATION. SKIN-CAUSES IRRITATION. MAY CAUSE ALLERGIC SKIN REACTI ON.

INGESTION-HARMFUL IF SWALLOWED.

Explanation Of Carcinogenicity: THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Signs And Symptions Of Overexposure: INHALATION-SOME ASTHMATICS OR HYPERSENSITIVE PERSONS MAY EXPERIENCE DIFFICULT BREATHING.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: INHALATION: IF SYMPTOMA

TIC, MOVE TO FRESH AIR. GET MEDICAL ATTENTION

IF SYMPTOMS PERSIST. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MIN.

GET MEDICAL ATTENTION. SKIN: IMMEDIATELY FLUSH WITH P LENTY OF WATER FOR 15

MIN WHILE REMOVINGCLOTHES/SHOES. INGESTION: INDUCE VOMITING AS DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

CALL A PHYSICIAN.

=====

Handling and Disposal

=====

=====

Spill Release Procedures: FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER.

NEUTRALIZE PRIOR TO DISPOSAL. NEUTRALIZATION & SEWERING MAY NOT BE ALLOWED IN SOME STATES OR MUNICIPILATIES. PREVENT RUNOFF FROM ENTERING DRAINS, SEWERS OR STREAMS. ABSORB SPILL WITH VERMICULITE.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: CONTRACT WITH A LICENSED CHEMICAL DISPOSAL AGENCY.

SINCE EMPTIED CONTAINER RETAIN PRODUCT RESIDUE, FOLLOW LABEL WARNINGS. DISCHARGE,

TREATMENT OR DISPOSAL MAY BE SUBJECT TO NATIONAL, STATE OR LOCAL LA WS. FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER.

Handling And Storage Precautions: KEEP CONTAINER TIGHTLY CLOSED TO PREVENT THE LOSS OF WATER. CONTENTS MAY DEVELOP PRESSURE UPON PROLONGED EXPOSURE TO HEAT.

Other Precautions: KEEP AWAY FROM INCOMPATIBLE SUBSTANCES. STORE IN ORIGINAL CONTAINER. AVOID BREATHING MIST OR VAPOR. AVOID CONTACT WITH EYES AND PROLONGED OR REPEATED CONTACT WITH SKIN. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

=====
Fire and Explosion Hazard Information
=====

Flash Point Text: NONFLAMMABLE

Extinguishing Media: USE APPROPRIATE AGENT FOR ADJACENT FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.

Unusual

Fire/Explosion Hazard: SOLUTION CONTAINS A STRONG REDUCING AGENT. DRIED PRODUCT RESIDUE CAN ACT AS A REDUCING AGENT. ELEVATED TEMPERATURE CAN CAUSE DECOMPOSITION.

=====
Control Measures
=====

Respiratory Protection: IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS, AN APPROVED RESPIRATOR MUST BE WORN. RESPIRATOR TYPE: ORGANIC VAPOR.

Ventil

ation: GOOD GENERAL VENTILATION, TYPICALLY 10 AIR CHANGES PER HOUR, SHOULD BE USED. RATES SHOULD MATCH CONDITIONS.

Protective Gloves: WEAR IMPERVIOUS GLOVES.

Eye Protection: WEAR SAFETY GLASSES W/SIDE SHIELDS.

Other Protective Equipment: EYE BATH, SAFETY SHOWER, WASHING FACILITIES.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health: KEY1:C1.THIS ENTRY FOR PART B OF THREE-PART KIT. SUPPLEMENTARY LOCAL EXHAUST VENTILATION, CLOSED SYSTEMS, RESPIRATORY PROT

CTION MAY BE NEEDED IN SPECIAL CIRCUMSTANCES SUCH AS POORLY VENTILATED SPACES , EVAPORATION FROM LARGE SURFACES, SPRAYING, HEATING, ETC.CONTENTS MAY DEVELOP PRESSURE UPON PROLONGED EXPOUSRE TO HEAT.

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

HCC: C2
B.P. Text: DECOMPOSES
M.P/F.P Text: NOT GIVEN
Decomp Text: NOT GIVEN
Vapor Pres: 18
Vapor Density: 0.6
Spec Gravity: 1.15
PH: 3.0
Viscosity: NOT G
IVEN
Evaporation Rate & Reference: NOT GIVEN
Solubility in Water: COMPLETE
Appearance and Odor: COLORLESS LIQUID, NO ODOR
Percent Volatiles by Volume: 70-75%
Corrosion Rate: UNKNOWN

=====
Reactivity Data
=====

Stability Indicator: YES
Stability Condition To Avoid: STABLE; HOWEVER, MATERIAL CAN DECOMPOSE ABOVE 110C. AVOID HEATING ABOVE ROOM TEMPERATURE.
Materials To Avoid: STRONG OXIDIZING A
GENTS, COMBUSTIBLE MATERIALS, HALOGENATED
MATERIAL.
Hazardous Decomposition Products: AMMONIA, NITROGEN OXIDES, SULFUR DIOXIDE.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NONE. WILL NOT OCCUR.

=====
Toxicological Information
=====

=====
Ecological Information
=====

=====
MSDS Transport Information
=====

=====
Regulatory Information
=====

=====
Other Information
=====

=====
Transportation Information
=====

=====
Responsible Party Cage: 19139
Trans ID NO: 113141
Product ID: 153 2753 FLEXICOLOR DEVELOPER REPLENISHER, PART B
MSDS Prepared Date: 01/09/1998
Review Date: 01/15/1998
MFN: 9
Tech Entry NOS Shipping Nm: CONTAINS HYDROXYLAMINE
Net Unit Weight: NOT GIVEN
Multiple KIT Number: 0
Kit Part IND: Y
Review IND: Y
Unit Of Issue: PG
Container QTY: 1
Additional Data: THIS INFORMATION FOR PART B SHIPPED SEPARATELY.
=====

=====
Detail DOT Information
=====

DOT PSN Code: DWL
Symbols: G
DOT Proper Shipping Name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
Hazard Class: 8
UN ID Num: UN3265
DOT Packaging Group: III
Label: CORROSIVE
Special Provision: T7
Packaging Exception: 154
Non Bulk Pack: 203
Bulk Pack: 241
Max Qty Pass: 5 L
Max Qty Cargo: 60 L
Vessel Stow Req: A
Water/Ship/Other Req: 40
=====

=====
Detail IMO Informa
tion
=====

IMO PSN Code: ESD
IMO Proper Shipping Name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. o
IMDG Page Number: 8147-1
UN Number: 3265
UN Hazard Class: 8
IMO Packaging Group: I/II/III
Subsidiary Risk Label: -
EMS Number: 8-15
MED First Aid Guide NUM: 760
=====

=====
Detail IATA Information
=====

IATA PSN Code: HLE
IATA UN ID Num: 3265
IATA Proper

Shipping Name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. *

IATA UN Class: 8

IATA Label: CORROSIVE

UN Packing Group: III

Packing Note Passenger: 818

Max Quant Pass: 5L

Max Quant Cargo: 60L

Packaging Note Cargo: 820

=====
Detail AFI Information
=====

AFI PSN Code: HKF

AFI Symbols: *

AFI Proper Shipping Name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

AFI Hazard Class: 8

AFI UN ID NUM: UN3265

AFI Pac

king Group: III

Special Provisions: P5

Back Pack Reference: A12.3

=====
HAZCOM Label
=====

Product ID: 153 2753 FLEXICOLOR DEVELOPER REPLENISHER, PART B

Cage: 19139

Company Name: EASTMAN KODAK CO GOVERNMENT MARKETS CONTRACTS

Street: 343 STATE ST

City: ROCHESTER NY

Zipcode: 14650-1115

Health Emergency Phone: 716-722-5151

Label Required IND: Y

Date Of Label Review: 01/15/1998

Status Code: C

MFG Lab

eI NO: NONE

Label Date: 01/15/1998

Origination Code: G

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: DANGER

Respiratory Protection IND: YES

Health Hazard: Severe

Contact Hazard: Moderate

Fire Hazard: Slight

Reactivity Hazard: Slight

Hazard And Precautions: HEAT SENSITIVE. CAN DECOMPOSE IF HEATED. MAY CAUSE BLOOD DISORDERS BASED ON ANIMAL DATA. AVOID PROLONGED OR REPEATED BREATHING OF MIST OR VAPOR. DO NOT GET IN EYES, ON SKIN ON CLOTHING. USE WITH ADEQU ATE VENTILATION. STO

RE IN A COOL PLACE.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: WASH
WITH SOAP AND WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. INGESTION:
INDUCE VOMITING AS DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY
MOUTH TO AN UNCONSCIOUS PERSON. CALL PHYSICIAN OR POISON CONTROL ASAP.

=====

Disc

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, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.