

EASTMAN KODAK COMPANY -- 192 7698 KODAK FLEXICOLOR DEVELOPER, PART C --
6750-01-050-7789

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

Product ID:192 7698 KODAK FLEXICOLOR DEVELOPER, PART C

MSDS Date:10/17/1997

FSC:6750

NIIN:01-050-7789

MSDS Number: BGJBD

=== 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

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: 70-75%
Other REC Limits:NONE RECOMMENDED

Ingred Name:4-(N-ETHYL-N-2-HYDROXYETHYL)-2-METHYLPHENYLENEDIAMINE
SULFATE
CAS:25646-77-9
RTECS #:KJ6477000
Fraction by Wt: 25-30%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM BISULFITE (SASA III) (CERCLA)
CAS:7631-90-5
RTECS #:VZ2000000
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3; 9495
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION-LIBERATES SULFUR DIOXIDE
GAS WHICH CAN CAUSE IRRITATION TO THE RESPIRATORY TRACT.
EYES-CAUSES IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION.
SKIN-CAUSES IRRITATION. MAY CAUSE ALLERGIC SKIN R EACTION.
INGESTION-HARMFUL IF SWALLOWED.MAY CAUSE KIDNEY DAMAGE BASED
ON
ANIMAL DATA. MAY CAUSE IRRITATION OF GI TRACT.
Explanation of Carcinogenicity:NOT CARCINOGENIC.
Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.
Medical Cond Aggravated by Exposure:SOME ASTHMATICS OR HYPERSENSITIVE
INDIVIDUALS MAY EXPERIENCE DIFFICULT BREATHING.

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

First Aid:INHALED-IF SYMPTOMATIC, MOVE TO FRESH AIR. GET MEDICAL
ATTENTION IF SYMPTOMS PERSISTS. EYES-IMMEDIATELY FLUSH WITH PLENTY
OF WATE

R FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

SKIN-IMMEDIATELY FLUSH WITH PLENTY OF WATER & WASH WITH A NON-ALKALINE SKIN CLEANER. GET MEDICAL ATTENTION. INGESTED-INDUCE VOMITING AS DIRECTED BY MEDICAL PERSONNEL. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point:NONE

Extinguishing Media:WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE, ALCOHOL FOAM. USE WATER SPRAY TO KEEP FIRE EXPOSED CONTAINERS COOL.

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

Unusual Fire/Explosion Hazard:ELEVATED TEMPERATURE MAY CAUSE DECOMPOSITION.

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

Spill Release Procedures:FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER. OTHERWISE, ABSORB SPILL WITH VERMICULITE OR OTHER INERT MATERIAL, THEN PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FROM INCOMPATIBLE SUBSTANCES. KEEP CONTAINER CLOSED. STORE IN A COOL PLACE.

Other Precautions:USE ADEQUATE VENTILATION. AVOID CONTACT WITH EYES, SKIN OR CLOTHES. WASH THOROUGHLY AFTER HANDLING.

===== Exposure Controls/Personal Protection

n =====

Respiratory Protection:IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS, AN APPROVED RESPIRATOR MUST BE WORN. RESPIRATOR TYPE: ACID GAS. A PROGRAM SHOULD BE INSTITUTED TO COMPLY WITH OSHA 29 CFR 1910.134.

Ventilation:GOOD GENERAL VENTILATION (TYPICALLY 10 AIR CHANGES/HR) SHOULD BE USED. VENTILATION RATES SHOULD BE MATCH TO CONDITIONS.

Protective Gloves:IMPERVIOUS GLOVES SHOULD BE WORN.

Eye Protection:SAFETY GLASSES

S WITH SIDE SHIELDS.

Other Protective Equipment:WEAR IMPERVIOUS & PROTECTIVE CLOTHING APPROPRIATE FOR THE RISK OF EXPOSURE. EYE BATH, WASHING FACILITIES, SAFETY SHOWER.

Work Hygienic Practices:ROUTINE USE OF NON-ALKALINE (ACID) SKIN CLEANER AND CLEANING OF WORK AREA/CLOTHES REDUCES RISK OF SKIN REACTION.

Supplemental Safety and Health

KEY1:C2. THIS PRODUCT IS A KIT CONSISTING OF THREE PARTS. PART A, HAS PNI H; PART B HAS PNI I, PART C HAS PNI E SAME NSN. FORMULA CHANGED. FOR P

REVIOUS FORMULATION SEE PNI A, B, C, D, F, SAME NSN. SEE PNI W FOR WORKING SOLUTION.

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

HCC:C2

Boiling Pt:>100.C, 212.F

Vapor Pres:18MM @ 20C

Vapor Density:0.6

Spec Gravity:1.10

pH:2.1

Solubility in Water:COMPLETE

Appearance and Odor:LIQUID, RED-BROWN, STRONG SULFUR DIOXIDE ODOR.

Percent Volatiles by Volume:70-75

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

Stability Indicator/Materials to Avoid:YES

STRONG BASES, STRONG OXIDIZERS.

Stability Condition to Avoid:MATERIAL CAN DECOMPOSE AT TEMPERATURES ABOVE 338F (170C). AVOID TEMPERATURES ABOVE 158F (70C).

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN, OXIDES OF SULFUR.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

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

TIONS. FLUSH TO SEWER WITH 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 suit
ability of this information to their
particular situation.