

EASTMAN KODAK COMPANY -- 192 7698, FLEXICOLOR DEVELOPER, PART-B -- 6750-01-050-7789  
===== Product Identification =====

Product ID:192 7698, FLEXICOLOR DEVELOPER, PART-B

MSDS Date:10/17/1997

FSC:6750

NIIN:01-050-7789

MSDS Number: BSKVF

=== 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

Emerg

ency 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:HYDROXYLAMINE SULFATE  
CAS:10039-54-0  
RTECS #:NC5425000  
Fraction by Wt: 25-30%  
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION-EXPECTED TO BE A LOW HAZARD  
FOR RECOMMENDED HANDL  
ING. EYES-CAUSES IRRITATION. SKIN-HARMFUL IF  
ABSORBED THROUGH THE SKIN. CAUSES IRRITATION. MAY CAUSE ALLERGIC  
SKIN REACTION. INGESTION-HARMF UL IF SWALLOWED.  
Explanation of Carcinogenicity:NOT LISTED AS A CARCINOGEN.  
Effects of Overexposure:CONTAINS HYDROXYLAMINE. MAY CAUSE BLOOD  
DISORDERS BASED ON ANIMAL DATA.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION-IF SYMPTOMATIC,  
MOVE TO FRESH AIR. TREAT  
SYMPTOMATICALLY. GET MEDICAL ATTENTION IF SYMPTOMS PERSISTS.  
EYES-IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MIN. GET MEDICAL  
ATTENTION. SKIN-IMM EDIATELY FLUSH WITH PLENTY OF WATER FOR15 MIN  
WHILE REMOVING CONTAMINATED CLOTHES/SHOES. GET MEDICAL ATTENTION.  
INGESTION-INDUCE VOMITING AS DIRECTED BY MEDICAL PERSONNEL. CALL A  
PHYSICIAN.

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

Flash Point:NONE  
Extinguishing Media:USE

APPROPRIATE AGENT FOR ADJACENT FIRE. USE WATER  
SPRAY TO KEEP FIRE-EXPOSED CONTAINERS COOL.

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.

===== 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:CONTENTS MAY DEVELOP PRESSURE UPON  
PROLONGED EXPOSURE TO HEAT. STORE IN A COOL  
PLACE. KEEP CONTAINER  
TIGHTLY CLOSED TO PREVENT THE LOSS OF WATER.

Other Precautions:KEEP AWAY FROM HEAT. REMOVE AND WASH CONTAMINATED  
CLOTHING PROMPTLY. EXERCISE CAUTION IN HEATING, ESPECIALLY IN A  
CLOSED CONTAINER.

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

Respiratory Protection:NONE SHOULD BE NEEDED. IF ENGINEERING CONTROLS  
DO NOT MAINTAIN CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS,  
AN APPROVED RESPIRATOR MUST BE WORN. RESPIRATOR TYPE: OR  
GANIC  
VAPOR.

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

Protective Gloves:IMPERVIOUS GLOVES SHOULD BE WORN.

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS/GOGGLES

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

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

KEY1:C1. 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 PREVIOUS FORMULATION SEE PNI A, B, C, D, F, SAME NSN.  
SEE PNI W FOR WORKING SOLUTION.

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

HCC:C2  
Boiling Pt:B.P. Text:>212F,>100C  
Vapor Pres:18 MM  
Vapor Density:0.6  
Spec Gravity:1.17  
pH:3.1  
Solubility in Water:COMPLETE  
Appearance and Odor:LIQUID, COLORLESS, ODORLESS.  
Percent Volatiles by Volume:70-75

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS, COMBUSTIBLE MATERIALS, HALOGENATED MATERIALS.  
Stability Condition to Avoid:STABLE; HOWEVER, MATERIAL CAN DECOMPOSE  
ABOVE 110C. AVOID HEATING ABOVE ROOM TEMPERATURE.  
Hazardous Decomposition Products:NITROGEN OXIDES, SULFUR DIOXIDE,  
AMMONIA.

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

Waste Disposal Methods:DISCHARGE, TREATMENT, OR DISPOSAL MAY BE SUBJECT  
TO NATIONAL, STATE OR  
LOCAL LAWS. FLUSH TO SEWER WITH LARGE AMOUNTS  
OF WATER. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE, FOLLOW  
LABEL WARNINGS EV EN AFTER CONTAINER IS EMPTIED.

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 ut  
ilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.