

EASTMAN KODAK COMPANY -- 167 5123 VERSAMAT DEVELOPER STARTER,TYPE A,WORKING
SOLUTION -- 6750-00-782-9538

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

Product ID:167 5123 VERSAMAT DEVELOPER STARTER,TYPE A,WORKING SOLUTION

MSDS Date:05/07/1997

FSC:6750

NIIN:00-782-9538

MSDS Number: CFKRR

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Cou

ntry: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

===== C

Composition/Information on Ingredients =====

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 85 - 90%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT RELEVANT
ACGIH TLV:NOT RELEVANT

Ingred Name:HYDROQUINONE (SARA 302/313) (CERCLA)
CAS:123-31-9
RTECS #:MX3500000
Fraction by Wt: 5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3; 9596
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:SODIUM SULFITE
CAS:7757-83-7
RTECS #:WE2150000
Fraction by Wt: 1 - 5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM TETRABORATE, ANHYDROUS (BORAX)
CAS:1330-43-4
RTECS #:VZ2275000
Fraction by Wt: 1 - 5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3
ACGIH TLV:1 MG/M3; 9596

Ingred Name:GLUTARALDEHYDE BIS(SODIUM BISULFITE)
CAS:7420-89-5
Fraction by Wt: 1 - 5%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.
Routes of Entry: Inhalation:NO Skin:NO Inge

stion:NO

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN,
GASTROINTESTINAL TRACT. ACUTE- CAUSES EYE AND SKIN IRRITATION. MAY
CAUSE ALLERGIC SKIN REACTION. EXPECTED TO BE A LOW HAZARD BY
INHALATION. HARMFUL IF SWALLOWED. MAY CAUSE GAS TROINTESTINAL TRACT
IRRITATION. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, ALLERGIC SKIN REACTIONS, NAUSEA,
VOMITING

Medical Cond Aggrava

ted by Exposure:PERSONS WITH PRE-EXISTING SKIN

DISORDERS, EYE PROBLEMS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF
THIS PRODUCT.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:IMMEDIATELY
WASH WITH SOAP & PLENTY OF WATER. EYE:IMMEDIATELY FLUSH WITH WATER
FOR 15 MINUTES. HOLD EYELIDS OPEN. INHALED:MOVE TO FRESH AIR.
ORAL:IF CON SCIOUS, INDUCE VOMITING IMMEDIATELY AS DIRECTED BY
MEDICAL PERSONNE
L. CALL A PHYSICIAN/POISON CONTROL CENTER
IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point:NONE

Lower Limits:NOT RELEVANT

Upper Limits:NOT RELEVANT

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL
FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED
CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING
APPARATUS.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:FLUSH TO SEWER WITH LARGE AMOUNT OF WATER IF
PERMITTED. OTHERWISE, ABSORB SPILL WITH VERMICULITE. PLACE IN A
CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE
RESIDUAL CONTAMINATION.

Neutralizing Agent:SODIUM BISULFATE, ACETIC ACID

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

Handling and Storage Precauti

ons:KEEP CONTAINER TIGHTLY CLOSED. KEEP
OUT OF REACH OF CHILDREN. USE WITH ADEQUATE VENTILATION.
Other Precautions:AVOID CONTACT WITH EYES, SKIN AND CLOTHING. THE
ROUTINE USE OF A NONALKALINE (ACID) TYPE OF HAND CLEANER AND
REGULAR CLEANING OF WORKING SURFACES WILL MINIMIZE SKIN REACTION.

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

Respiratory Protection:NONE SHOULD BE NEEDED.
Ventilation:GOOD GENERAL VENTILATION (TYPICALLY 10 AIR CHANGES/HR)
SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS
Protective Gloves:NATURAL RUBBER, PVC, LATEX
Eye Protection:SAFETY GLASSES WITH SIDE SHIELD/GOGGLES
Other Protective Equipment:EYE BATH, SAFETY SHOWER, WASHING FACILITIES
Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING,
DRINKING/SMOKING.
Supplemental Safety and Health
DIFFERENT FORMULA. THIS IS WORKING SOLUTION FOR STARTER. ECOLOGICAL
INFORMATION: A MODERATE BIOCHEMICAL OXYGEN DEMAND, A HIGH POTENTIAL
TO AFFECT SOME AQUATIC ORGANISMS. AFTER DILUTION WITH LARGE AMOUNT
OF WATER, FOLLOWED BY WASTE TREATMENT, IT IS NOT EXPECTED TO CAUSE
ADVERSE ENVIRONMENTAL EFFECT.

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

HCC:B3
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:>212F,>100C
Vapor Pres:18 @ 68F
Vapor Density:0.6
Spec Gravity:1.075 - 1.095
pH:10.05
Solubility in Water:COMPLETE
Appearance and Odor:YELLOW LIQ
UID - SLIGHT ODOR
Percent Volatiles by Volume:85- 90

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

Stability Indicator/Materials to Avoid:YES
NONE WITH COMMON MATERIALS AND CONTAMINANTS WITH WHICH THE MATERIAL MAY
REASONABLY COME INTO CONTACT.
Stability Condition to Avoid:NONE
Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT
TO FEDERAL,

STATE OR LOCAL REGULATIONS. FLUSH TO SEWER WITH LARGE AMOUNT OF WATER, IF ALLOWED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE, FOLLOW LABEL WARNINGS EVEN AFTER CONTAINER IS EMPTIED.

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