

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

Co

untry: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

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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 Ing

estion: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 Aggrav

ated 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 PERSONN

EL. 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 BREATHIN

G 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 Precaut

ions: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 MODE
RATE 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 LI
QUID - 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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