

EASTMAN KODAK COMPANY -- 155 8519 POLY TONER, WORKING SOLUTION --
6750-00-965-4577

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Product Identification
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Product ID:155 8519 POLY TONER, WORKING SOLUTION
MSDS Date:06/19/1996
FSC:6750
NIIN:00-965-4577
MSDS Number: CFKfV
=== 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 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
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Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 90-95%
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM SULFIDE
CAS:37199-66-9
RTECS #:TT5950000
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT ESTABLISHED.
ACGIH TLV:NOT ESTABLISHED.

Ingred Name:SODIUM CARBONATE
CAS:497-19-8
RTECS #:VZ4050000

Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SELENIUM (SARA 313) (CERCLA)
CAS:7782-49-2
RTECS #:VS7700000
Fraction by Wt: < 0.25%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.2 MG/M3
ACGIH TLV:0.2 MG/M3; 9596
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:POTASSIUM HYDROXIDE (CERCLA)
CAS:1310-58-3
RTECS #:TT2100000
Fraction by Wt: < 0.25%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 2 MG/M3
ACGIH TLV:C 2 MG/M3; 9596
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

==== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT): NOT GIVEN
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EXPECTED TO BE A LOW INHALATION HAZARD
FOR RECOMMENDED HANDLING. IF HYDROGEN SULFIDE GAS IS LIBERATED IT
MAY CAUSE HEADACHE, NAUSEA, DIZZINESS, CONFUSION, WEAKNESS,
UNCONSCIOUSNESS. EYE CONTACT CAUSES IRRITATION. SKIN CONTACT
CAUSES IRRITATION. HARMFUL IF SWALLOWED. MAY CAUSE IRRITATION FO
THE GASTROINTESTINAL TRACT.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:HEADACHE, NAUSEA, DIZZINESS, CONFUSION,
WEAKNESS, UNCONSCIOUSNESS, CONVULSIONS, DEATH, EYE IRRITATION, SKIN
IRRITATION, VOMITING, RESPIRATORY DEPRESSION, TREMORS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. GET
MEDICAL ATTENTION ASAP. INHALATION: MOVE TO FRESH AIR. TREAT
SYMPTOMATICALLY. GET MEDICAL ATTENTION. SKIN: IMMEDIATELY REMOVE
CONTAMINATED CLOTHI NG AND WASH WITH SOAP AND WATER. GET MEDICAL
ATTENTION. INGESTION: INDUCE VOMITING AS DIRECTED BY MEDICAL
PERSONNEL. NEVER GIVE ANYTHING BY MOUTH IF UNCONSCIOUS. CALL
PHYSICIAN OR POISON CONTROL ASAP.

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

Flash Point:NONFLAMMABLE
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN

Extinguishing Media:NONFLAMMABLE. USE EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING FIRE.

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

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

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

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT GET IN EYES AND AVOID CONTACT WITH SKIN AND CLOTHING. USE WITH ADEQUATE VENTILATION. KEEP FROM CONTACT WITH OXIDIZING MATERIALS.

Other Precautions:KEEP CONTAINER CLOSED. KEEP AWAY FROM INCOMPATIBLE MATERIALS.

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

Respiratory Protection:NONE SHOULD BE NEEDED. A FULL-FACE POSITIVE-PRESSURE AIR-SUPPLIED RESPIRATOR MUST BE WORN IF HAZARDOUS DECOMPOSITION PRODUCTS ARE LIKELY TO BE RELEASED OR HAVE BEEN RELEASED.

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

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS OR GOGGLES

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

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

HCC:B3

Boiling Pt:B.P. Text:>212F,>100C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:18

Vapor Density:0.6

Spec Gravity:< 1.06

pH:12

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:COMPLETE

Appearance and Odor:RED-BROWN LIQUID, SULFUR ODOR

Percent Volatiles by Volume:90-95%

===== 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 SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO NATIONAL, STATE OR LOCAL LAWS. MAY REQUIRE NEUTRALIZATION IF PH < 2.0 OR PH > 12.5. DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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