

EASTMAN KODAK CO -- 139 7231 KODAK INDUSTREX FIXER AND REPLENISHER 75 LITRES --  
6525-01-063-9559

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

Product ID:139 7231 KODAK INDUSTREX FIXER AND REPLENISHER 75 LITRES

MSDS Date:05/12/1993

FSC:6525

NIIN:01-063-9559

Kit Part:Y

MSDS Number: BVTML

=== Responsible Party ===

Company Name:EASTMAN KODAK CO

Address:343 STATE ST

City:ROCHESTER

State:NY

ZIP:14650-1115

Country

:US

Info Phone Num:716-724-6481/716-722-5151

Emergency Phone Num:716-722-5151/716-724-4501

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

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===== Composition/Information on Ingredients =====

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 80-85%

Ingred Name:AMMONIUM THIOSULFATE

CAS:778

3-18-8  
RTECS #:XN6465000  
Fraction by Wt: 10-15%

Ingred Name:SODIUM SULFATE ANHYDROUS, SODIUM SULFATE  
CAS:7757-82-6  
RTECS #:WE1650000  
Fraction by Wt: 1-5%

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:YES 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 HANDLING. EYES: MAY CAUSE TRANSIENT  
IRRITATION. SKIN: LOW HAZARD FO  
R RECOMMENDED HANDLING. INGESTION:  
EXPECTED TO BE A LOW HAZARD.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:INHALATION: EXPECTED TO BE A LOW HAZARD FOR  
RECOMMENDED HANDLING. EYES: MAY CAUSE TRANSIENT IRRITATION. SKIN:  
LOW HAZARD FOR RECOMMENDED HANDLING. INGESTION: EXPECTED TO BE A  
LOW HAZARD.

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First Aid Measures  
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First Aid:INHALATION: IF SYMPTOMATIC, MOVE TO FRESH AIR. EYES: FLUSH  
IMMEDIATELY W/WATER. SKIN: WA  
SH W/SOAP & WATER. INGESTION: DRINK  
1-2 GLASSES OF WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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Fire Fighting Measures  
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Flash Point:NONE  
Extinguishing Media:USE APPROPRIATE AGENT FOR ADJACENT FIRE  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS &  
PROTECTIVE CLOTHING.  
Unusual Fire/Explosion Hazard:NONE

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Accidental Release Measures  
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Spill Release Procedures:FLUSH TO SEWER W/LARGE AMOUNT

S OF WATER. MAY

REQUIRE NEUTRALIZATION IF PH 12. ABSORB W/VERMICULITE/OTHER  
INERT MATERIAL & PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN  
SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. USE  
W/ADEQUATE VENTILATION.

Other Precautions:KEEP FROM CONTACT W/OXIDIZING MATERIALS. PREVENT EYE  
CONTACT, MINIMIZE SKIN CONTACT/INHALATION.

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

Respiratory Protection:NONE SHOULD BE NEEDED

Ventilation:GOOD GENERAL W/10 AIR CHANGES PER HOUR.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS, GOGGLES

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

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:>212F

Vap

or Pres:18

Vapor Density:0.6

Spec Gravity:1.106

pH:4

Solubility in Water:COMPLETE

Appearance and Odor:LIGHT YELLOW LIQUID W/SLIGHT VINEGAR ODOR

Percent Volatiles by Volume:85/WT

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

Stability Indicator/Materials to Avoid:YES

BASES, SODIUM HYPOCHLORITE, BLEACH, OXIDIZING MATERIALS.

Hazardous Decomposition Products:SULFUR DIOXIDE, AMMONIA, CHLORAMINE

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

Waste Disposa

I Methods:FLUSH TO SEWER W/LARGE AMOUNTS OF WATER  
IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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