

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

===== 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

===== 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%

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

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.

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

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.

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

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

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

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 REMOV E RESIDUAL CONTAMINATION.

===== 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.

=====

==== 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

===== 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

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

Stability Indicator/Materials to Avoid:YES  
BASES, SODIUM HYPOCHLORITE, BLEACH, OXIDIZING MATERIALS.  
Hazardous Decomposition Products:SULFUR DIOXIDE, AMMONIA, CHLORAMINE

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

Waste Dispos

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

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