

EASTMAN KODAK CO. -- 197 1753 FIXER -- 6750-00-802-5471

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Product Identification  
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Product ID:197 1753 FIXER

MSDS Date:04/12/1990

FSC:6750

NIIN:00-802-5471

MSDS Number: BKRCM

=== Responsible Party ===

Company Name:EASTMAN KODAK CO.

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

Info Phone Num:716-722-5151

Emergency Phone Num:716-722-5151 (72-1)

CAGE:19139

=== Contrac

tor 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  
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Ingred Name:SODIUM THIOSULFATE (7772-98-7)

CAS:10102-17-7

RTECS #:WE6660000

Fraction by Wt: 70-80%

Other REC Limits:NONE SPECIFIED

Ingred Name:AMMONIUM ALUM

Fraction by Wt: 10 - 15%

Other REC Limits:NONE SPECIFIED

Ingred Name

:SODIUM METABISULFITE  
CAS:7681-57-4  
RTECS #:UX8225000  
Fraction by Wt: 5 - 10%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3; 9192

Ingred Name:SODIUM ACETATE  
CAS:126-96-5  
RTECS #:AJ4375000  
Fraction by Wt: 5 - 10%  
Other REC Limits:NONE SPECIFIED

Ingred Name:BORON OXIDE  
CAS:1303-86-2  
RTECS #:ED7900000  
Fraction by Wt: < 1%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3; 9293

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

Rout  
es of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE-INHALATION/SKIN:LOW HAZARD FOR  
RECOMMENDED HANDLING.EYES:MAY CAUSE TRANSIENT  
IRRITATION.INGESTION:EXPECTED TO BE A LOW INGESTION  
HAZARD.CHRONIC-NOT GIVEN.  
Explanation of Carcinogenicity:THIS PRODUCT CONTAINS NO INGREDIENT  
LISTED AS CARCINOGEN BY IARC,NTP, OR OSHA.  
Effects of Overexposure:SEE HEALTH HAZARDS SECTION.  
Medical Cond Aggravated  
by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS OCCUR.EYES:IMMEDIATELY  
FLUSH WITH WATER FOR AT LEAST 15 MINUTES.SKIN:FLUSH WITH PLENTY OF  
SOAP & WATER.INHALATION:REMOVE TO FRESH AIR.INGESTION:IF  
CONSCIOUS,DRINK 1-2 GLASSES OF WATER. SEEK MEDICAL ATTENTION.

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

Flash Point:NONE  
Extinguishing Media:WATER SPRA

Y, DRY CHEMICAL, CARBON DIOXIDE

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES. COOL CONTAINERS NEARBY FIRE WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:FIRE/EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.THIS MATERIAL,LIKE MOST ORGANIC MATERIALS (POWDER),MAY CREATE A DUST EXPLOSION.

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

Spill Release Procedures:FLUSH SPILLS TO AN ACID-FREE SEWER WITH LARGE AMOUNT OF WATER.

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

Handling and Storage Precautions:STORAGE-KEEP CONTAINER TIGHTLY CLOSED AND AWAY FROM ACIDS & OXIDIZERS.

Other Precautions:AVOID BREATHING DUSTS. AVOID CONTACT WITH EYES,SKIN,OR CLOTHING. WASH THOROUGHLY AFTER HANDLING.USE VENTILATION THAT IS ADEQUATE TO KEEP EMPLOYEE EXPOSURE TO AIRBORNE CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS.

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

Respiratory Protection:RESPIRATORS ARE NOT NEEDED FOR NORMAL USE.A NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE OR A POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR WHERE AIRBORNE CONCENTRATIONS > TLV.

Ventilation:GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT.

Protective Gloves:LATEX OR NEOPRENE

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS OR GOGGLES

Other Protective Equipment:EYE WASH STATION

N & SAFETY SHOWER.IMPERVIOUS

CLOTHING SUCH AS BOOTS,APRON,WHOLE BODY SUIT MADE FROM NEOPRENE.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

FORMULA CHANGED. TO CHECK THE PREVIOUS FORMULA, SEE SAME NSN UNDER PART NUMBER A.

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

HCC:N1

Vapor Pres:NEGLIGIBLE

Spec Gravity:>1.0

Evaporation Rate & Reference:NEGLIGIBLE (NBAC=1)

Solubility in Water:APPRECIABLE

Appearance and Odor:WHITE P

OWDER; ODORLESS

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

Stability Indicator/Materials to Avoid: YES

STRONG ACIDS, STRONG OXIDIZERS

Stability Condition to Avoid: EXCESSIVE HEAT AND FLAME

Hazardous Decomposition Products: COMBUSTION MAY PRODUCE CARBON DIOXIDE  
AND PROBABLY CARBON MONOXIDE. OXIDES OF SULFUR MAY ALSO BE PRESENT.

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

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

TO FEDERAL, STATE, OR LOCAL LAWS. THIS CHEMICAL FORMULATION IS  
EXPECTED TO HAVE A MODERATE BIOLOGICAL OXYGEN DEMAND, AND IT MAY  
CAUSE SOME OXYGEN DEPLETION IF DISCHARGED WITHOUT TREATMENT.

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