

EASTMAN KODAK COMPANY -- 160 8413 VERSAMAT 641 FIXER & REPLINISHER, PART A --
6750-00-573-9241

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

Product ID:160 8413 VERSAMAT 641 FIXER & REPLINISHER, PART A

MSDS Date:03/29/1995

FSC:6750

NIIN:00-573-9241

MSDS Number: BNQBK

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

Info Phon

e Num:716-722-5151

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

===== Composition/Information on Ingredients

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Ingred Name:SODIUM THIOSULFATE,PENTAHYDRATE
CAS:10102-17-7
RTECS #:WE6660000
Fraction by Wt: 80-85%
Other REC Limits:NONE SPECIFIED

Ingred Name:SODIUM ACETATE
CAS:126-96-5
RTECS #:AJ4375000
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:BORON OXIDE
CAS:1303-86-2
RTECS #:ED7900000
Fraction by Wt: 1-5
%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3; 9293

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EXPECTED TO BE A LOW INHALATION HAZARD
OF RECOMMENDED HANDLING. EYE CONTACT MAY CAUSE TRANSIENT EYE
IRRITATION. LOW SKIN CONTACT HAZARD FOR RECOMMENDED HANDLING.
EXPECTED TO BE A LOW INGESTION H
AZARD.
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS
LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.
Effects of Overexposure:EYE IRRITATION
Medical Cond Aggravated by Exposure:SUPPLIER DID NOT ADDRESS THIS
FIELD.

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

First Aid:INHALED: IF SYMPTOMATIC, REMOVE TO FRESH AIR. EYE: ANYTHING
THAT CONTACTS THE EYE SHOULD BE WASHED OUT IMMEDIATELY WITH WATER.
SKIN: WASH AFTER EACH CONTACT. INGESTED:

DRINK 1-2 GLASSES OF WATER
AND GET MEDICAL ATTENTION. - IF ANY SYMPTOMS OCCUR, GET MEDICAL
ATTENTION.

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

Flash Point:NON-FLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:USE WATER SPRAY, CARBON DIOXIDE, OR DRY CHEMICAL

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

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY PRODUCE
HAZARDOUS DECO

POSITION PRODUCTS. THIS MATERIAL LIKE MOST ORGANIC
IN POWDER FORM IS CAPABLE OF CREATING A DUST EXPLOSION.

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

Spill Release Procedures:FLUSH MATERIAL TO SEWER WITH LARGE AMOUNTS OF
WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:USE WITH ADEQUATE VENTILATION. KEEP
FROM CONTACT WITH OXIDIZING MATERIALS, HIGHLY OXYGENATED OR
HALOGENATED SOLVENTS, ORGANIC COMPOUNDS.

Other Precautions:KEEP AWAY FROM COMBUSTIBLE MATERIAL.MINIMIZE DUST
GENERATION AND ACCUMULATION. USE WITH ADEQUATE VENTILATION. KEEP
CONTAINER TIGHTLY CLOSED. DO NOT STORE OR SHIP TOGETHER WITH
COMBUSTIBLE MATERIALS. STORE IN ORIGINAL CONTAINER.

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

Respiratory Protection:NONE REQUIRED UNDER NORMAL CONDITIONS

Ventilation:GOOD VENTILATION (10 ROOM VOL PER
HOUR IS CONSIDERED GOOD

GENERAL VENTILATION). SUPPLEMENTAL VENTILATION MAY BE NEEDED.

Protective Gloves:PROTECTIVE GLOVES

Eye Protection:SAFETY GLASSES (WITH SIDE SHIELDS)

Other Protective Equipment:IF PROLONGED OR REPEATED CONTACT IS
NECESSARY, GLOVES OR OTHER PROTECTION MAY BE REQUIRED.

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

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

HCC:N1

Boiling Pt:B.P. Text:NOT GIVEN

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

Vapor Pres:NEGLIGIBLE

Vapor Density:NOT GIVEN

Spec Gravity:NOT GIVEN

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:APPRECIABLE

Appearance and Odor:WHITE POWDER; ODORLESS

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, COM

BUSTIBLE MATERIAL, HALOGENATED MATERIALS,
AQUEOUS AMMONIA.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE,
OXIDES OF SULFUR.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR
LINER IN ACCORDANCE WITH A
LL FEDERAL, STATE AND LOCAL REGULATIONS.

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