

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

MPOSITION 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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