

EASTMAN KODAK COMPANY -- 853 6625 POLYMAX T FIXER, 1 GALLON, WORKING SOLUTION -- 6750-01-428-0393

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

Product ID:853 6625 POLYMAX T FIXER, 1 GALLON, WORKING SOLUTION

MSDS Date:07/14/1993

FSC:6750

NIIN:01-428-0393

MSDS Number: CDQQK

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

Info Phone Num:716-477-3194 MSDS :800- 242-2424

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 =====

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 80-90%

Other REC Limits:NONE RECOMMENDED

Ingred Name:AMMONIUM THIOSULFATE

CAS:7783-18-8

RTECS #:XN6465000

Fraction by Wt: 10-15%

Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM ACETATE

CAS:127-09-3

RTECS #:AJ4300010

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM BISULFITE (SASA III) (CERCLA)

CAS:7631-90-5

RTECS #:VZ2000000

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3; 9596

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:AMMONIUM SULFITE (CERCLA)

CAS:10196-04-0

Fraction by Wt: <1%

Other REC Limits:NONE RECOMMENDED

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHAL:EXPECTED TO BE A LOW HAZARD FOR
RECOMMENDED HANDLING. EYES:NO SPECIFIC HAZARD KNOWN. MAY CAUSE
TRANSIENT IRRITATION. SKIN:LOW HAZARD FOR RECOMMENDED HANDLING.
INGEST:EXPECTED TO BE LOW INGESTION HAZARD.
Explanation of Carcinogenicity:PER MSDS:CARCINOGENICITY
CLASSIFICATION:IARC/ACGIH/NTP/OSHA:NONE.
Effects of Overexposure:TRANSIENT EYE IRRITATION.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHAL:IF SYMPTOMATIC MOVE TO FRESH AIR. GET MED ATTN IF
SYMPTONS PERSIST. EYES:ANY MATL THAT CONTACTS EYE SHOULD BE WASHED
OUT IMMED W/WATER. GET MED ATTNIF SYMPTOMS OCCUR. SKIN:WASH W/SOAP
& WATER. G ET MED ATTN IF SYMPTOMS OCCUR. INGEST:DRINK 1-2 GLASSES
OF WATER. SEEK MED ATTN.

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

Flash Point:NONE,NON-COMBUST
Autoignition Temp:Autoignition Temp Text:NP
Lower Limits:NPA
Extinguishing Media:USE APPROPRIATE AGENT FOR ADJACENT FIRE.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS &
PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS
DECOMPOSITION PRODUCTS.
Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:FLUSH TO SEWER W/LG AMTS OF WATER.OTHERWISE
ABSORB W/VERMICULITE OR OTHER INERT MATERIAL, THEN PLACE IN
CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE
RESIDUAL CONTAMINATION.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:USE W/ADEQUATE VENTILATION.KEEP FROM
CONTACT W/OXIDIZING MATLS.KEEP CNTNR TIGHTLY CLOSED.KEEP AWAY FROM
INCOMPATIBLE SUBSTANCES.
Other Precautions:PROPERTIES:MOD BIOCHEM OXY DEMAND,MAY CAUSE OXY
DEPLETION IN AQU SYSTEM.LOW POT TO AFFECT AQU ORGANISMS/2ND WASTE
TREATMENT MICROBIAL METABOLISM/GERM &/OR EARLY GROWTH OF SOME
PLANTS/PERSIST IN ENVIRO N/POT TO BIOCONCEN.AFT DILUTION (SUPPLE)

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

Respiratory Protection:NONE SHOULD BE NEEDED.
Ventilation:GOOD GENERAL VENTILATION (TYPICALLY 10 AIR CHANGES/HR)
SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS
Protective Gloves:IMPERVIOS GLOVES.
Eye Protection:SAFETY GLASSES W/SIDE SHIELDS, GOGGLES.
Other Protective Equipment:EYE BATH,WASHING FACILITIES,SAFETY SHOWER.
Work Hygienic Practices:WASH THOROUGHLY AFT HNDLG.GOOD INDUST HYG PRAC
SHOULD BE FOLLOWED WHICH INCLUDES EYE CONTACT,MIN SKIN
CONTACT,INHAL.
Supplemental Safety and Health
OTHER PRECAUT:W/LG AMT OF WATER/2ND WASTE TREAT,MATL NOT EXPECTED TO
CAUSE ADVERSE ENVIRO EFFECTS. PNIND:A FOR CONCENTRATE.

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

HCC:N1
Boiling Pt:B.P. Text:>212F,>100C
Melt/Freeze Pt:M.P/F.P Text:NP
Decomp Temp:Decomp Text:NP
Vapor Pres:18 @20C
Vapor Density:0.6
Spec Gravity:>1.00
pH:4.8-5
Viscosity:NP

Evaporation Rate & Reference:NP
Solubility in Water:COMPLETE.
Appearance and Odor:LIQUID, COLORLESS, AMMONIA ODOR.
Percent Volatiles by Volume:80-90
Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, BASES, SODIUM HYPOCHLORITE (BLEACH).
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:AMMONIA,NITROGEN OXIDES (NOX),SULFUR
DIOXIDE,CHLORAMINE. HAZ COMBUST PROD:NONE (NON-COMBUSTIBLE).

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

Waste Disposal Methods:DISCHARGE/TREATMENT/DISPOSAL MAY BE SUBJECT TO
NATIONAL/STATE/LOCAL LAWS. FLUSH TO SEWER W/LG AMTS OF WATER. CHEM
SUBJ TO REPORTING REQMTS OF SEC 313 TITLE III SARA/40CFR372:NONE.

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