

ALLIED PHOTO PRODUCT CO,SUB OF ALLIED PRODUCT CORP -- 28023 PHOTAFIX 224  
FIXER/REPLENISHER (ITEM #2605) -- 6750-01-426-9542

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

Product ID:28023 PHOTAFIX 224 FIXER/REPLENISHER (ITEM #2605)

MSDS Date:03/18/1991

FSC:6750

NIIN:01-426-9542

Kit Part:Y

MSDS Number: CHHYX

=== Responsible Party ===

Company Name:ALLIED PHOTO PRODUCT CO,SUB OF ALLIED PRODUCT CORP

Address:5440-

A OAKBROOK PKY

City:NORCROSS

State:GA

ZIP:30093-2251

Country:US

Info Phone Num:770-448-0250

Emergency Phone Num:800-424-9300(CHEMTREC)

CAGE:1CG79

=== Contractor Identification ===

Company Name:ALLIED PHOTO PRODUCT CO,SUB OF ALLIED PRODUCT CORP

Address:5440-A OAKBROOK PKY

Box:City:NORCROSS

State:GA

ZIP:30093-2251

Country:US

Phone:770-448-0250

CAGE:1CG79

===== Composition/Information on Ingredients =====

Ingred Name:AMMONIUM THIOSULFATE

CAS:7783-18-8

RTECS #:XN6465000

Fraction

by Wt: 15-20%

Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM SULFITE

CAS:7757-83-7

RTECS #:WE2150000

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ACETIC ACID (CERCLA)

CAS:64-19-7

RTECS #:AF1225000

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 PPM

ACGIH TLV:10 PPM/15 STEL; 9596

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:WATER

= Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHAL:LOW HAZ FOR ORDINARY INDUSTRIAL  
HNDLG.EYE:CONTACT MAY CAUSE IRRIT.SKIN:REP/PROL CONTACT MAY CAUSE  
IRRIT.INGEST:DONT TAKE INTERNALLY.MAY BE HARMFUL IF SWALLOWED.  
Effects of Overexposure:EYE IRRIT, SKIN IRRIT, HARMFUL IF SWALLOWED.  
Medical Cond  
Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE:FLUSH W/LG AMTS OF WATER FOR 15MINS.SEEK MED  
ATTN.SKIN:WASH SKIN W/SOAP/WATER.IF IRRIT OCCURS SEEK MED  
ATTN.INGEST:INDUCE VOMITING.SEEK MED ATTN IMMED GIVING FULL DETAILS  
OF AMT INGESTED & TOXICIT Y.INHAL:MOVE TO FRESH AIR.

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

Flash Point:NONE  
Autoignition Temp:Autoignition Temp  
Text:NP  
Lower Limits:NA  
Upper Limits:NA  
Extinguishing Media:USE METHOD APPROPRIATE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:USE PROTECTIVE CLOTHING TO PREVENT CONTACT  
W/SKIN/EYES.  
Unusual Fire/Explosion Hazard:WHEN HEATED TO DECOMPOSITION, IT CAN EMIT  
TOXIC FUMES OF SOX AND AMMONIA.

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

Spill Release Procedures:WEAR PROTECTIVE CLOTHING AS SPECIFIED IN  
MSDS.NEUTRALIZE W/SODIUM BICARBONATE.IF LOCAL, STATE AND FEDERAL  
LAWS PERMIT FLUSH TO SEWER W/LG AMTS OF WATER.  
Neutralizing Agent:SODIUM BICARBONATE.

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

Handling and Storage Precautions:DONT STORE OR CONSUME  
FOOD/DRINK/TOBACCO IN SURROUNDING AREA.  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:SHOULD NOT BE NECESSARY UNDER NORMAL  
CONDITIONS.IF EXPOSED TO VAPORS THAT EXCEED TLV OR PE

L WEAR

APPROVED VAPOR RESPIRATOR.

Ventilation:GOOD LOCAL MECHANICAL VENTILATION SHOULD BE SUFFICIENT.

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:WEAR PROTECTIVE GOGGLES

Other Protective Equipment:AS NECESSARY TO PREVENT SKIN CONTACT.EYEWASH  
FACILITIES IN VICINITY OF USE.

Work Hygienic Practices:WASH THOROUGHLY AFTER USE.

Supplemental Safety and Health

DISPO:TO ASCERTAIN PROPER DISPO PROCEDURES.

===== 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:17.0

Vapor Density:0.6

Spec Gravity:1.33

pH:4.6

Viscosity:NP

Evaporation Rate & Reference:NA

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, SLIGHT VINEGAR ODOR

Percent Volatiles by Volume:65

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

MINERAL ACIDS.

Stability Condition to Avoid:NONE KNOWN.

Hazardous Decom

position Products:WHEN HEATED TO DECOMPOSITION,IT CAN

EMIT TOXIC FUMES OF SO<sub>2</sub>,CO<sub>2</sub> AND POSSIBLEY CO.

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

Waste Disposal Methods:NEUTRALIZE W/SODIUM BICARBONATE.IF FED/STATE  
&/OR LOC LAWS PERMIT FLUSH TO SEWER W/LG ATMS OF WATER.OTHERWISE  
DISPO OF CONTAM PROD & MATLS USED IN CLEANING UP SPILL IN MANNER  
APPROVED FOR THIS MATL.CO NSULT PROPER FED/STATE &/OR LOC REG  
AGENCIES(SUPP)

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