

P 22 FIXER FX 22.15

MSDS Number

BRNVK

National Stock Number

6750-01-313-1955

Product Name

P 22 FIXER FX 22.15

Manufacturer

ILFORD PHOTO CORP

Product Identification

Product ID:P 22 FIXER FX 22.15

MSDS Date:04/29/1993

FSC:6750

NIIN:01-313-1955

MSDS Number: BRNVK

Responsible Party

ILFORD PHOTO CORP

70 W CENTURY RD

PARAMUS , NJ 07653

US

Emergency Phone: 201-265-6000/800-842-9660 (MISUSE)

Info Phone: 201-265-6000

Preparer: NOT KNOWN

Cage: 64145

Contractor

ILFORD PHOTO CORP

PARAMUS, NJ 07653

US

201-265-6000

Cage: 64145

Ingredients

AMMONIUM THIOSULFATE

CAS: 7783-18-8

RTECS: XN6465000

Fraction By Weight: 25 - 35%

AMMONIUM BISULFITE (SARA III)

CAS: 10192-30-0

RTECS: WT3595000

Fraction By Weight: >1%

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

AMMONIUM SULFITE (SARA III)

CAS: 10196-04-0

Fraction By Weight: 5 - 10%

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

1-METHYLPYRROLIDONE

CAS: 872-50-4

RTECS: UY5790000

Fraction By Weight: 10 - 30%

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 40 - 50%

Hazards

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS 3,600 MG/KG.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE- MAY CAUSE EYE OR SKIN IRRITATION. INHALATION OF MIST MAY CAUSE IRRITATION OF UPPER RESPIRATORY TRACT. INGESTION MAY CAUSE STOMACH UPSET AND IRRITATION. CHRONIC- NOT KNOWN.

Effects of Overexposure:EYE, SKIN, RESPIRATORY TRACT AND STOMACH IRRITATION

First Aid

First Aid:CALL A DOCTOR IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL:I F CONSCIOUS, DRINK 2-3 GLASSES OF WATER& INDUCE VOMITING. CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY.

Fire Fighting

Flash Point Method:PMCC

Flash Point:>212F,>100C

Autoignition Temp:Autoignition Temp Text:NOT KN

Extinguishing Media:USE MEDIA PROPER TO PRIMARY SOURCE OF FIRE.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:MAY FORM HAZARDOUS DECOMPOSITION PRODUCTS.

Accidental Release

Spill Release Procedures:FLUSH SMALL SPILLS OR RELEASES TO SEWER WITH LARGE AMOUNT OF WATER IF PERMITTED. LARGE SPILLS SHOULD BE COLLECTED FOR DISPOSAL.

Neutralizing Agent:NOT RELEVANT

Handling

Handling and Storage Precautions:STORE IN A COOL PLACE AWAY FROM ACIDS. KEEP CONTAINERS CLOSED.

Other Precautions:WASH THOROUGHLY AFTER HANDLING. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. KEEP OUT OF REACH OF CHILDREN.

Exposure Controls

Respiratory Protection:WEAR NIOSH-APPROVED SELF CONTAINED BREATHING APPARATUS OR ACID GAS/ORGANIC VAPOR RESPIRATOR IN HIGH VAPOR AREAS. DO NOT BREATHE VAPORS OR MISTS.
Ventilation:LOCAL EXHAUST (CHANGE MACHINE FILTERS AS RECOMMENDED) AND MECHANICAL (10-12 ROOM VOLUME CHANGES PER HOUR)
Protective Gloves:RUBBER OR PLASTIC RECOMMENDED
Eye Protection:SAFETY GOGGLES
Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.
Work Hygienic Practices:PRACTICE GOOD HYGIENIC PROCEDURE. WASH THOROUGHLY BEFORE EATING OR DRINKING.
Supplemental Safety and Health

Chemical Properties

HCC:N1
Boiling Pt:B.P. Text:>212F,>100C
Melt/Freeze Pt:M.P/F.P Text:Vapor Pres:24 @ 77F
Vapor Density:Spec Gravity:1.21
pH:6.9
Evaporation Rate & Reference:1 (WATER=1)
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR, COLORLESS LIQUID WITH SLIGHT AMMONIA ODOR

Stability

Stability Indicator/Materials to Avoid:YES
MINERAL ACIDS
Stability Condition to Avoid:EXCESSIVE HEAT. AVOID CONTACT WITH ACID SOLUTIONS E.G. P-22.15 BLEACH SOLUTION.
Hazardous Decomposition Products:SULFUR OXIDES

Disposal

Waste Disposal Methods:DISPOSE OF IN CONFORMITY WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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