

ILFORD PHOTO CORP -- P-22 DEVELOPER DE 22.15,501775,PART A -- 6750-01-313-1956

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

Product ID:P-22 DEVELOPER DE 22.15,501775,PART A

MSDS Date:10/31/1988

FSC:6750

NIIN:01-313-1956

Kit Part:Y

MSDS Number: BWZRY

=== Responsible Party ===

Company Name:ILFORD PHOTO CORP

Address:70 W CENTURY RD

City:PARAMUS

State:NJ

ZIP:07653

Country:US

Info Phone Num:201-265-6000

Emergency Phone Num:201-265-6000/800-888-8372 (HEALTH)

CAGE:64145

=== Co

ntractor Identification ===

Company Name:ILFORD PHOTO CORP

Address:W 70 CENTURY RD

Box:City:PARAMUS

State:NJ

ZIP:07653

Country:US

Phone:201-265-6000

CAGE:64145

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

Ingred Name:POTASSIUM SULFITE

CAS:10117-38-1

RTECS #:WT3530000

Fraction by Wt: 8 - 10%

Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM METABORATE

CAS:13709-94-9

Fraction by Wt: 2 - 5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3 BORATE

ACGIH TLV:1 MG/M3

## BORATE

Ingred Name:SODIUM SULFITE

CAS:7757-83-7

RTECS #:WE2150000

Fraction by Wt: 2 - 5%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ASCORBIC ACID

CAS:50-81-7

RTECS #:CI7650000

Fraction by Wt: 2 - 5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT ESTABLISHED

Ingred Name:POTASSIUM BROMIDE

CAS:7758-02-3

RTECS #:TS7650000

Fraction by Wt: >1%

Other REC Limits:NONE RECOMMENDED

Ingred Name:BORIC ACID

CAS:10043-35-3

RTECS #:ED4550000

Fraction by Wt: >1%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:

10 MG BORATES/M3

ACGIH TLV:5 MG BORATES/M3

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 75 - 80%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT RELEVANT

ACGIH TLV:NOT RELEVANT

## ===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

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

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

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, STOM

## ACH UPSET

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

First Aid:CALL A DOCTOR IF SYMPTOMS PERSIST. EYE:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. INHALED:REMOVE TO FRESH AIR. ORAL:IF CONSCIOUS , DRINK 2-3 GLASSES OF WATER & INDUCE VOMITING. CALL A PHYSICIAN. NEVER GIVE FLUID OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAS CONVULSIONS.

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

Flash Point:NONE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

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

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

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

Spill Release Procedures:FLUSH TO SEWER WITH LARGE AMOUNT OF WATER IF PERMITTED. OTHERWISE, ABSORB SPILL WITH INERT MATERIAL SUCH AS SAND OR VERMICULITE, THEN PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL PLACE. KEEP AWAY FROM INCOMPATIBLE MATERIALS.

Other Precautions:WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING. KEEP OUT OF REACH OF CHILDREN. AVOID EYES AND SKIN CONTACT.

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

Respiratory Protection:NONE NORMALLY REQUIRED. WEAR NIOSH-APPROVED RESPIRATOR IF NEEDED.

Ventilation:LOCAL EXHAUST IS RECOMMENDED FOR CONFINED AREAS. GENERAL MECHANICAL VENTILATION IS ADEQUATE FOR NORMAL USE.

Protective Gloves:RUBBER FOR REPEATED CONTACT

Eye Protection:SAFETY GOGGLES

Other Protective Equipment:EYE WASH

STATION, SAFETY SHOWER, PROTECTIVE  
CLOTHING

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES.

Supplemental Safety and Health

KEY1:C4. THIS PRODUCT IS A KIT CONSISTING OF TWO PARTS. PART A, HAS PNI  
A; PART B HAS PNI B, SAME NSN.

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

HCC:B3

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:>212F,>100C

Vapor Pres:24 @ 77F

Vapor Density:0.62

Spec Gravity:1.18

pH:9.7

Evaporatio

n Rate & Reference: