

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

Emergenc

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

CAGE:64145

=== Contractor 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 Li

imits: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, STOMACH 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

e 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

Evaporation Rate & Reference: