

## **P-4 BLEACH BL 4.25 PART B 2.5 LITERS**

### **MSDS Number**

BZDHD

### **National Stock Number**

6750-00F047713

### **Product Name**

P-4 BLEACH BL 4.25 PART B 2.5 LITERS

### **Manufacturer**

ILFORD PHOTO CORP

### **Product Identification**

Product ID:P-4 BLEACH BL 4.25 PART B 2.5 LITERS

MSDS Date:09/09/1993

FSC:6750

NIIN:00F047713

Kit Part:Y

MSDS Number: BZDHD

### **Responsible Party**

ILFORD PHOTO CORP

W 70 CENTURY RD

PARAMUS , NJ 07653-5000

US

Emergency Phone: 800-842-9660/201-265-6000

Info Phone: 201-265-6000/800-842-9660

Cage: 64145

### **Contractor**

ILFORD PHOTO CORP

PARAMUS, NJ 07653

US

201-265-6000

Cage: 64145

### **Ingredients**

DIETHYLENE GLYCOL ETHYL ETHER, CARBITOL, CARBITOL

CAS: 111-90-0

RTECS: KK8750000

Fraction By Weight: 40-60%

POTASSIUM IODIDE, POTIDE, HYDRIOCIC ACID, POTASSIUM SALT

CAS: 7681-11-0

RTECS: TT2975000

Fraction By Weight: 12-15%

SODIUM MERCAPTO PROPANE SULFONATE \*96-1\*

CAS: 1763-10-1

Fraction By Weight: 3-6%

QUINOXALINE ADDUCT \*96-1\*

CAS: 17635-21-1

Fraction By Weight: 1-3%

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 30-50%

## Hazards

LD50 LC50 Mixture:ORAL LD50(RAT): 6500 MG/KG (SEE SUPP)

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

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

Health Hazards Acute and Chronic:ETHOXYDIGLYCOL-EYES, SKIN, INHALATION & INGESTION: IRRITATION. CHRONIC: DERMATITIS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:ETHOXYDIGLYCOL-EYES, SKIN, INHALATION & INGESTION: IRRITATION. CHRONIC: DERMATITIS.

## First Aid

First Aid:EYES: IMMEDIATELY FLUSH W/PLENTY OF WATER FOR 15 MINS. SKIN: FLUSH THOROUGHLY W/WATER. INHALATION: REMOVE TO FRESH AIR. TREAT SYMPTOMATICALLY. INGESTION: IF CONSCIOUS, GIVE 3-4 GLASSES OF WATER/MILK. OBTAIN MEDICAL ATTENTION IN ALL CASES.

## Fire Fighting

Flash Point:NON-FLAMMABLE

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

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING.

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

## Accidental Release

Spill Release Procedures:NEUTRALIZE W/ALKALIES. SWEEP UP & CONTAIN. FLUSH RESIDUE TO SEWER W/PLENTY OF WATER IF PERMITTED BY LOCAL, STATE & FEDERAL REGULATIONS.

Neutralizing Agent:CARBONATE/BICARBONATE.

## Handling

Handling and Storage Precautions:STORE IN A COOL DRY AREA.

## Exposure Controls

Respiratory Protection:USE NIOSH APPROVED ACID GAS/ORGANIC VAPOR RESPIRATOR IF SUFFICIENT VENTILATION ISN'T PROVIDED.

Ventilation:LOCAL EXHAUST: CHANGE FILTER AS RECOMMENDED. MECHANICAL: GOOD ROOM VENTILATION, 10-12 ROOM CHANGES PER HOUR.

Protective Gloves:BUTYL RUBBER

Eye Protection:SAFETY GOGGLES

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

ORAL LD50 INFORMATION IS FOR ETHOXYDIGLYCOL.

## Chemical Properties

Boiling Pt:B.P. Text:>212F

Melt/Freeze Pt:M.P/F.P Text:Vapor Pres:AS WATER

Vapor Density:AS WATER

Spec Gravity:1.16

Evaporation Rate & Reference:AS WATER  
Solubility in Water:COMPLETE  
Appearance and Odor:COLORLESS TO LIGHT YELLOW LIQUID W/SLIGHT ODOR.  
Percent Volatiles by Volume:80/WT

## **Stability**

Stability Indicator/Materials to Avoid:YES  
Hazardous Decomposition Products:INTENSE HEAT/FIRE: CO & CO2.

## **Disposal**

Waste Disposal Methods:BIODEGRADATION/INCINERATION. TREATMENT.  
DISCHARGE/DISPOSAL IAW/FEDERAL, STATE & LOCAL REGULATIONS.  
CORROSIVE MATERIAL, UN1830.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.