

ILFORD PHOTO CORP -- P-22 BLEACH BL 22.15 PART A -- 6750-01-313-1956

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

Product ID:P-22 BLEACH BL 22.15 PART A

MSDS Date:08/11/1988

FSC:6750

NIIN:01-313-1956

MSDS Number: BPCFY

=== Responsible Party ===

Company Name:ILFORD PHOTO CORP

Address:33 LEWIS RD

City:BINGHAMPTON

State:NY

ZIP:13905

Country:US

Info Phone Num:800-421-1100/201-265-6000

Emergency Phone Num:800-84

2-9660

CAGE:0LT87

=== Contractor Identification ===

Company Name:ILFORD IMAGING USA INC

Address:33 LEWIS RD

Box:City:BINGHAMTON

State:NY

ZIP:13905

Country:US

Phone:607-766-3153/ FAX 201-225-3514

CAGE:0LT87

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

Ingred Name:SULFURIC ACID (SARA 302/313) (CERCLA)

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 15 - 18%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3/3 STEL; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1

000 LBS

Ingred Name:BENZENESULFONIC ACID, SODIUM SALT

CAS:873-55-2

Fraction by Wt: 2 - 4%

Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 83-78%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT RELEVANT

ACGIH TLV:NOT RELEVANT

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50(RATS) IS 155 MG/M3 (H2SO4)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IA

RC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-CORROSIVE.INGESTED:CAUSES

MOUTH,THROAT,ESOPHAGUS,STOMACH BURNS,GASTRIC PERFORATION & EVEN DEATH.INHALED:FUMES CAN CAUSE DAMAGE TO NASAL & RESPIRATORY PASSAGES.SKIN:BURNING,CHARRING & DEEP ULCERATION.EYES:CAUSES SEVERE DAMAGE & EVEN BLINDNESS VERY

RAPIDLY.CHRONIC-BRONCHITIS,LARYNGEAL & PULMONARY EDEMA MAY RESULT.

Effects of Overexposure:IF INGESTED: CAUSES MOUTH, THROAT, ESOPHAGUS, STOMACH BURNS, GASTRIC PERFORATION & E

VEN DEATH. FUMES CAN CAUSE

DAMAGE TO NASAL & RESPIRATORY PASSAGES. CAN CAUSE BURNING, CHARRING & DEEP ULCERATION OF SKIN. CAUSES SEVERE EYE DAMAGE & EVEN BLINDNESS VERY RAPIDLY.

Medical Cond Aggravated by Exposure:SKIN IRRITATION MAY BE AGGRAVATED

IN PERSONS WITH EXISTING SKIN LESION. BREATHING OF SPRAYS (SULFURIC ACID MISTS) MAY AGGRAVATE ACUTE OR CHRONIC ASTHMA AND OTHER CHRONIC PULMONARY DISEASE.

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

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First Aid: SPEED IS ESSENTIAL. START FIRST AID & GET MEDICAL CARE AT ONCE. EYES/SKIN: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS OPEN. INHALED: REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. INGESTION: DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK MILK, MILK OF MAGNESIA, OLIVE OIL/MARGARINE IN SMALL AMOUNTS UP TO 2 OR 3 OUNCES. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

===== 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 FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard: RELEASES CORROSIVE OR HIGHLY IRRITATING FUMES AND SMOKE. WORK UPWIND IF POSSIBLE. ACTS AS AN OXIDIZER.

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

Spill Release Procedures: WEAR ACID-RESISTANT CLOTHING, BOOTS, GLOVES AND FACE SHIELD. VENTILATE AREA. STOP FLOW OF MATERIAL. CONTAIN/ABSORB SPILLS WITH DRY SAND, EARTH, VERMICULITE. CAREFULLY NEUTRALIZE WITH SODA ASH, SODIUM BICARBONATE, LIME. DO NOT DISCHARGE TO SEWER.

Neutralizing Agent: LIME OR SODA

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

Handling and Storage Precautions: STORAGE-STORE IN COOL, DRY PLACE IN TIGHTLY CLOSED CONTAINER. WEAR GLOVES WHILE HANDLING.

Other Precautions: AVOID BREATHING VAPORS OR MISTS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. REMOVE CONTAMINATED CLOTHING PROMPTLY. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection: NOT REQUIRED UNDER NORMAL CONDITIONS. IF WORKING IN A CONFINED AREA OR MISTING IS OCCURRING, USE NIOSH-APPROVED SUPPLY

IED AIR RESPIRATOR, OR AN AIR-PURIFYING RESPIRATOR FOR ACID.

Ventilation:GOOD GENERAL VENTILATION IS SUFFICIENT.

Protective Gloves:RUBBER IF SPILLED

Eye Protection:SAFETY GOGGLES IN CLEANUP OF SPILLS

Other Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER AND IMPERVIOUS CLOTHING

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

THIS PRODUCT IS A KIT CONSIST

ING OF: DEVELOPER PART A AND PART B (PIN A

AND B); FIXER PART A AND B (PIN C AND D); BLEACH PART A AND B (PIN

E AND F); AND BLEACH NEUTRALIZER PART A AND B (PIN G AND H).K

EY:C1.

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

HCC:C1

Boiling Pt:>100.C, 212.F

Vapor Pres:AS WATER

Vapor Density:AS WATER

Spec Gravity:1.13

pH: