

ILFORD PHOTO CORP -- ILFOCHROME RAPID PROCESS P4 B4-7.5 BLEACH, 703643 --
6750-01-362-6551

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

Product ID:ILFOCHROME RAPID PROCESS P4 B4-7.5 BLEACH, 703643

MSDS Date:08/31/1991

FSC:6750

NIIN:01-362-6551

MSDS Number: BSDCJ

=== Responsible Party ===

Company Name:ILFORD PHOTO CORP

Address:W 70 CENTURY RD

City:PARAMUS

State:NJ

ZIP:07653

Country:US

Info Phone Num:201-265-

6000

Emergency Phone Num:800-842-9660

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

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

Ingred Name:SULFURIC ACID (SARA III) LD50: (ORAL, RAT) 155 MG/KG

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 2-5%

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ETHA

NOL, 2-(2-ETHOXYETHOXY)-; (ETHOXYDIGLYCOL) (SARA III)

CAS:111-90-0

RTECS #:KK8750000

Fraction by Wt: 2-5%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:POTASSIUM IODIDE (SARA III)

CAS:7681-11-0

RTECS #:TT2975000

Fraction by Wt: 1-3%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 90-95%

OSHA PEL:N/K

ACGIH TLV:N/K

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

LD50 LC50 Mixture:SEE ING 1

Routes of Entry: Inhalation:YES Skin:

NO Ingestion:NO

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

Health Hazards Acute and Chronic:THIS CHEMICAL FORMULATION HAS NOT BEEN TESTED FOR HEALTH EFFECTS. THEREFORE, EXPOSURE EFFECTS ARE BASED ON DATA FOR INDIVIDUAL COMPONENTS WHICH MAKE UP MIXTURE. ACUTE: EYES:CAN CAUSE SEVERE IRRITATION OR BURNS. SKIN:PROLONGED CONTACT CAN CAUSE IRRITATION OR BURNS. INHALATION:VAPOR MAY CAUSE UPPER (EFTS OF OVEREXP)

Explanation of Carcinogenicity:SULFURIC ACID:IARC MONOGRAP HS ON THE

EVALUATION OF CARCIN RISK OF CHEM TO MAN, VOL 54, PG 41, 1992:GROUP 1 (SUPDAT)

Effects of Overexposure:HLTH HAZ:RESPIRATORY TRACT IRRITATION.

INGESTION:CAN CAUSE GASTRIC UPSET AND BURNS. CHRONIC: INHALATION OF VAPORS OR SULFURIC ACID MAY CAUSE HEADACHE, TIGHTNESS OF CHEST AND DIFFICULT BREATHING.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES:FLUSH IMMEDIATELY

WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION AT ONCE. SKIN:REMOVE CONTAMINATED CLOTHING. RINSE AFFECTED AREA WITH WATER THEN WASH THOROUGHLY WITH SOAP & WATER. LAUNDRER CONTA MINATED CLOTHING BEFORE REUSE. INHALATION:REMOVE TO FRESH AIR. EXPOSURE EFFECTS ARE REVERSABLE. INGESTION:IF CONSCIOUS, DRINK COPIOUS QUANTITIES OF WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTN.

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

Flash Point:NOT FLAMMABLE

Extinguishing Media:USE MEDIA PROPER FOR PRIMARY FIRE SOURCES. WATER, CARBON DIOXIDE, ETC.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

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

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

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Spill Release Procedures:NEUTRALIZE SMALL SPILLS WITH SODA ASH, SODIUM CARBONATE, BAKING SODA OR BL/NE 222.75 NEUTRALIZER. FLUSH TO SEWER WITH WATER. CONTAIN NEUTRALIZER AND ABSORB LARGE SPILLS. CLEAN UP AND PLACE IN DOT APPROVED CONTAINER AND SEAL.

Neutralizing Agent:SODA ASH, SODIUM CARBONATE, BAKING SODA OR BL/NE 222.75 NEUTRALIZER.

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

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Handling and Storage Precautions:TO USE PRODUCT SAFELY, READ MSDS, LABELS & INSTRUCTIONS & CARRY OUT APPROPRIATE PRECAUTIONS. STORE IN A COOL, DRY AREA AWAY FROM OXIDIZING MATERIALS.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NOT NEEDED. USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:LOCAL EXHAUST:CHANGE MACHINE FILTERS AS RECOMMENDED. MECHANICAL:GOOD ROOM VENT. 10-12 ROOM VOLUME CHANGES PER HOUR.

Protective Gloves:BUTYL RUBBER.

Eye Protection:ANSI APPROVED CHEMICAL WORKER(SUPP DATA)

Other Protective Equipment:EMERGENCY EYEWASH & DELUGE SHOWER .

Work Hygienic Practices

:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

EXPLAN OF CARCIN: ANIMAL:PULMONARY IRRITATION. EYE PROTECTION: GOGGLES
WITH FULL LENGTH FACESHILD .

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

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

Vapor Pres:AS WATER

Vapor Density:WATER VAP

Spec Gravity:1.05 (H*2O=1)

pH: