



MATERIAL SAFETY DATA SHEET

P30 BLEACH - C - ILFOCHROME CLASSIC

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME:	P30 BLEACH - C - ILFOCHROME CLASSIC
SYNONYMS:	BL 30 Part C
PART No.:	IP931111BL30C
UN/NA (PIN) No.:	2967
EMERGENCY TELEPHONE:	FOR MEDICAL EMERGENCY IN THE UNITED STATES AND CANADA CALL 1-800-842-9660 (PRODUCT MISUSE). FOR TRANSPORTATION EMERGENCY CALL CHEMTREC 1-800-424-9300.
SUPPLIER:	ILFORD Imaging USA Inc West 70 Century Road, Paramus, NJ 07653 Tel: 201-265-6000
CONTACT PERSON:	Bryan Sammartino

2. COMPOSITION, INFORMATION ON INGREDIENTS

INGREDIENT NAME:	CAS No.:	CONTENTS :	EPA RQ:	TPQ:
SULFAMIC ACID	5329-14-6	60-100 %		

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Colorless, aromatic odor, non-flammable powder. Soluble in water. Contains sulfamic acid

Irritating to eyes. Irritating to skin.

ACUTE EFFECTS:

INHALATION: Dust may irritate respiratory system or lungs.

INGESTION: May cause discomfort if swallowed.

SKIN: Irritating to skin.

EYES: Irritating to eyes.

CHRONIC EFFECTS:

HEALTH WARNINGS:

Prolonged or repeated exposure may cause severe irritation. Irritating to eyes. Powder may irritate the skin.

ROUTE OF ENTRY:

Ingestion. Skin and/or eye contact.

MEDICAL INFORMATION:

May aggravate existing: Skin disorders and allergies. Pre-existing eye problems.

4. FIRST AID MEASURES

- INHALATION:** Move the exposed person to fresh air at once. Provide rest, warmth and fresh air. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
- INGESTION:** DO NOT INDUCE VOMITING! Remove victim immediately from source of exposure. Rinse mouth thoroughly. Get medical attention immediately! Immediately give a couple of glasses of water, provided the victim is fully conscious.
- SKIN:** Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.
- EYES:** Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with lots of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
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5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

This material is not flammable. Use extinguishing media appropriate for surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEAN-UP PROCEDURES:

Use appropriate protective clothing. Do not contaminate drainage or waterways. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Contain Spill. Do not flush to septic tank. See Section 13 for disposal considerations. Flush with plenty of water to clean spillage area. Do not let washing down water contaminate ponds or waterways. Inform Authorities if large amounts are involved.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS:

Avoid spilling, skin and eye contact. Avoid handling which leads to dust formation. Provide good ventilation. Read and follow manufacturer's recommendations.

STORAGE PRECAUTIONS:

Keep in cool, dry, ventilated storage and closed containers. Store below 75°F. Keep in original container. Keep containers closed tightly.

STORAGE CRITERIA:

Corrosive storage.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



ENGINEERING CONTROLS:

Provide eyewash station and safety shower.

VENTILATION: All handling to take place in well ventilated area. If enclosed handling cannot be guaranteed, ventilation and protective clothing must be used. Provide sufficient ventilation for operations causing dust formation. General room ventilation should provide for 10 - 15 room air changes per hour.

RESPIRATORS: No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists. Wear respirator if there is dust formation.

PROTECTIVE GLOVES:

Use protective gloves made of: Rubber (natural, latex). Neoprene. Polyethylene.

EYE PROTECTION:

Wear approved safety goggles.

PROTECTIVE CLOTHING:

Wear appropriate clothing to prevent any possibility of skin contact. Wear dust masks in dusty areas.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE:	Powder, dust. Water soluble.
COLOR:	Colorless.
ODOR:	Aromatic. Chemical.
SOLUBILITY DESCRIPTION:	Soluble in water.
pH-VALUE, CONC. SOLUTION:	<1.0

10. STABILITY AND REACTIVITY

STABILITY: Normally stable.

CONDITIONS TO AVOID:

Avoid excessive heat for prolonged periods of time.

HAZARDOUS POLYMERIZATION:

Will not polymerize.

MATERIALS TO AVOID:

Avoid contact with other photographic solutions and/or cleaning compounds.

11. TOXICOLOGICAL INFORMATION

TOXIC DOSE - LD 50: sulphamic acid 3160 mg/kg (oral rat)

TOXICOLOGICAL INFORMATION:

This chemical formulation has not been tested for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

12. ECOLOGICAL INFORMATION

LC 50, 96 HRS, FISH, mg/l:	0.5 sulphamic acid
IC 50, 72 HRS, ALGAE, mg/l:	50 sulphamic acid

ECOLOGICAL INFORMATION:

Not regarded as dangerous for the environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:

Bleach solution, both unused and spent, are RCRA Hazardous Waste UNLESS neutralized before disposal. Neutralized bleach solution may be allowed to be discharged to sanitary sewer by permit IF allowed by local regulations. Consult your local authority for advice. Do not discharge to septic system. Bleach solution that cannot be discharged to sanitary sewer can be disposed of by a licensed hazardous waste contractor.

14. TRANSPORT INFORMATION

LABEL FOR CONVEYANCE:**PROPER SHIPPING DESCRIPTION II:
GENERAL:**

SULFAMIC ACID
LIMITED QUANTITY EXEMPTION To obtain additional information on packaging for shipment refer to the Code of Federal Regulations - CFR 49 and your carrier.

U.S. DOT:**UN/NA No.:**

2967

U.S. DOT HAZARD LABEL:

CORROSIVE (Black/white diam.) DOT17

U.S. DOT CLASS:

Corrosive Material.

SEA TRANSPORT:**UN No. SEA:**

2967

IMDG CLASS:

8

IMDG PAGE No.:

8229

EmS No.:

8-08

MFAG TABLE No.:

700

MARINE POLLUTANT:

No.

AIR TRANSPORT:**UN No., AIR:**

2967

ICAO CLASS:

8

INFORMATION ON AIR TRANSPORT:

Ship by cargo aircraft ONLY

15. REGULATORY INFORMATION

REGULATORY STATUS OF INGREDIENTS:**NAME:**

SULFAMIC ACID

CAS No:

5329-14-6

TSCA:

Yes

CERCLA:

No

SARA 302:

No

SARA 313:

No

DSL(CAN):

Yes

US FEDERAL REGULATIONS:**REGULATORY STATUS:**

TSCA: The ingredients of this product are on the TSCA Inventory.

STATE REGULATIONS:**STATE REGULATORY STATUS:**

New Jersey Right-to-Know.

16. OTHER INFORMATION

USER NOTES:

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INFORMATION SOURCES:

European Photographic Chemical Industry Code of Practice For Classification And Labelling Material Safety Data Sheet, Misc. manufacturers. Safeware Quasar Ltd
USA Regulatory Information ANSI Z400.1-1998 Material Safety Data Sheets - Preparation

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REVISION No./Repl. MSDS of:

16/5/97