

# ILFORD PHOTO

## HARMAN technology Ltd

### SAFETY DATA SHEET

#### Ifostop

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#### 1. IDENTIFICATION

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**Product Name** Ifostop  
**Product No.** 1893870  
**Internal Id** 10021  
**Container Size** 500ml  
**Identified uses** Developer Stop Solution  
**Supplier** Distributors  
USA: WYNIT Inc, 5801 East Taft Road, North  
Syracuse, NY 13212. Tel: 1 800 GO WYNIT (469  
9648) or 1 315 437 4167, Fax: 1 315 437 0432  
Canada: Amplis Foto Inc, 22 Telson Road,  
Markham, Ontario L3R 1E5, Tel: 905 477 4111,  
Fax: 905 477 2502  
**Contact Person** USA: ilfordhelp@wynit.com; Canada: phil.nielsen@amplis.com  
**Emergency Telephone** USA/Canada: For medical emergency, call 1 800 842 9660 (Product Misuse).

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#### 2. HAZARD(S) IDENTIFICATION

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**Appearance** Clear liquid.  
**Color** Orange.  
**Odor** Odorless. or No characteristic odor.  
**GHS Pictogram**



**Signal Word** Warning

**Hazard Statements**  
H319 Causes serious eye irritation.

**Precautionary Statements**  
P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P280 Wear protective gloves, eye and face protection.  
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P501 Dispose of contents/container in accordance with local regulations.

**GHS Classification**  
Physical and Chemical Hazards Not classified.  
Human health Eye Irrit. 2 - H319  
Environment Not classified.

#### WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM - WHMIS

WHMIS Label



Materials Causing Other  
Toxic Effects.

**Controlled Product Classification**

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (CPR SECTION (33)) This product has been classified according to the hazard criteria of the Controlled Product Regulations, and the MSDS contains all required information.

**Ingestion**

No harmful effects expected in amounts likely to be ingested by accident. May cause discomfort if swallowed.

**Skin Contact**

Irritating to skin.

**Eye Contact**

Irritating to eyes.

**Route Of Entry**

Skin and/or eye contact. Ingestion.

**Medical Symptoms**

Eye contact may cause: Irritation of eyes and mucous membranes.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Citric Acid</b>	<b>10-30%</b>
<b>CAS No.: 77-92-9</b>	<b>EC No.: 201-069-1</b>
GHS Classification Eye Irrit. 2 - H319	

**4. FIRST-AID MEASURES**

**Description of first aid measures**

**Inhalation**

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

**Ingestion**

Rinse mouth thoroughly. Get medical attention if any discomfort continues.

**Skin Contact**

Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Contact physician if irritation continues.

**Eye Contact**

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.

**Most important symptoms and effects, both acute and delayed**

**Inhalation**

No specific symptoms noted.

**Ingestion**

No specific symptoms noted.

**Skin Contact**

No specific symptoms noted.

**Eye Contact**

Irritation of eyes and mucous membranes.

**Indication of any immediate medical attention and special treatment needed**

**Notes To The Physician**

No specific first aid measures noted.

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## 5. FIRE-FIGHTING MEASURES

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### Extinguishing Media

The product is non-combustible. Use extinguishing media appropriate for surrounding fire.

### Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

### Specific Hazards

The product is non-combustible. If heated, harmful vapors may be formed.

### Special Fire Fighting Procedures

Avoid breathing fire vapors.

### Protective Equipment For Fire-Fighters

Use protective equipment appropriate for surrounding materials. Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

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## 6. ACCIDENTAL RELEASE MEASURES

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### Personal Precautions

Avoid contact with skin and eyes. Provide adequate ventilation. For personal protection, see section 8.

### Environmental Precautions

Do not discharge into drains, water courses or onto the ground. The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

### Spill Clean Up Methods

For waste disposal, see section 13. Wear necessary protective equipment. Small quantities may be flushed to drains with plenty of water. Prevent discharge of larger quantity to drain. Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Wash contaminated area with water.

### Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

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## 7. HANDLING AND STORAGE

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### Handling

Provide good ventilation. Avoid spilling, skin and eye contact. Do not eat, drink or smoke when using the product. Read and follow manufacturer's recommendations.

### Storage

Store in closed original container in a dry place. Store under well-ventilated conditions at a temperature below 25°C.

### Storage Class

Chemical storage.

### Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Protective Equipment



### Engineering Measures

Provide adequate ventilation.

### Respiratory Equipment

Respiratory protection not required.

### Hand Protection

Use protective gloves.

### Eye Protection

Use eye protection.

### Other Protection

Wear suitable protective clothing as protection against splashing or contamination.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	Clear liquid.
<b>Color</b>	Orange.
<b>Odor</b>	Odorless. or No characteristic odor.
<b>Solubility</b>	100% Soluble in water.
<b>Initial boiling point and boiling range</b>	>100 760 mm Hg
<b>Relative density</b>	1.105 20
<b>pH-Value, Conc. Solution</b>	1

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## 10. STABILITY AND REACTIVITY

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### Reactivity

No specific reactivity hazards associated with this product.

### Stability

Stable under the prescribed storage conditions. No particular stability concerns.

### Hazardous Polymerisation

Will not polymerise.

### Conditions To Avoid

Avoid excessive heat for prolonged periods of time.

### Materials To Avoid

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

### Hazardous Decomposition Products

When heated, vapors/gases hazardous to health may be formed.

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## 11. TOXICOLOGICAL INFORMATION

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### 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 that comprise the mixture.

#### Toxicological Information on Ingredients:

#### Citric Acid (CAS: 77-92-9)

##### **Toxic Dose 1 - LD 50**

>6730 mg/kg (oral rat)

##### **Toxic Dose 2 - LD 50**

5400 mg/kg (oral-mouse)

##### Skin Corrosion/Irritation:

Moderately Irritating

##### Serious eye damage/irritation:

Moderately Irritating.

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## 12. ECOLOGICAL INFORMATION

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### Toxicity

The product is not expected to be hazardous to the environment.

### Degradability

No data available.

### Bioaccumulative potential

No data available on bioaccumulation.

### Mobility:

The product is soluble in water.

### Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB Substances.

### Other adverse effects

Not known.

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## 13. DISPOSAL CONSIDERATIONS

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### Disposal Methods

Used, diluted, and spent solutions may be allowed to be discharged to sanitary sewer by permit IF allowed by local regulations. Consult your local authority for advice. Waste may have to be pre-treated before discharge. Consult local authorities before discharging any waste to sewer. Do not discharge to septic system. Waste that cannot be discharged to sewer may have to be handled by a licensed hazardous waste contractor.

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## 14. TRANSPORT INFORMATION

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**General** The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, DOT).

### Transport Labels

No transport warning sign required.

### Environmentally Hazardous Substance/Marine Pollutant

No.

### Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code Notes

Not applicable.

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## 15. REGULATORY INFORMATION

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### Regulatory Status (US)

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

### US Federal Regulations

#### SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

None of the ingredients are listed.

#### OSHA Highly Hazardous Chemicals

None of the ingredients are listed.

### US State Regulations

#### State Regulations Comments

No information available.

#### California Proposition 65 Carcinogens and Reproductive Toxins

None of the ingredients are listed.

#### California Air Toxics "Hot Spots" (A-I)

None of the ingredients are listed.

#### California Air Toxics "Hot Spots" (A-II)

None of the ingredients are listed.

#### Massachusetts "Right To Know" List

None of the ingredients are listed.

#### Rhode Island "Right To Know" List

None of the ingredients are listed.

#### Minnesota "Right To Know" List

None of the ingredients are listed.

#### New Jersey "Right To Know" List

None of the ingredients are listed.

#### Pennsylvania "Right To Know" List

None of the ingredients are listed.

### International Inventories

#### Canada – DSL/NDSL

The following ingredients are listed.

Citric Acid

#### US - TSCA

The following ingredients are listed.

Citric Acid

# Ifostop

## US – TSCA 12(b) Export Notification

None of the ingredients are listed.

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## 16. OTHER INFORMATION

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### General Information

HARMAN technology Ltd believe the information and recommendations contained herein are based on correct and factual data. However, no express or implied guarantee or warranty of any kind is made with respect to this information. Use this information only to supplement other information you have gathered and then make an independent determination about the completeness and suitability of all information to ensure the proper use and disposal of this product and the health and safety of employees and customers.

### Information Sources

European Photographic Chemical Industry Code of Practice For Classification And Labelling

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