

ILFORD PHOTO

HARMAN technology Ltd

SAFETY DATA SHEET

Ifotol

1. IDENTIFICATION

| | |
|----------------------------|---|
| Product Name | Ifotol |
| Product No. | 1905162 |
| Internal Id | 10256 |
| Container Size | 1 Liter |
| Identified uses | Processing Auxiliary 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: ifordhelp@wynit.com; Canada: phil.nielsen@amplis.com |
| Emergency Telephone | USA/Canada: For medical emergency, call 1 800 842 9660 (Product Misuse). |

2. HAZARD(S) IDENTIFICATION

| | |
|----------------------|-------------------------|
| Appearance | Clear liquid. |
| Color | Colourless. |
| Odor | No characteristic odor. |
| GHS Pictogram | |



| | | |
|---------------------------------|--|---|
| Signal Word | Warning | |
| Hazard Statements | H317 | May cause an allergic skin reaction. |
| Precautionary Statements | P101 P102 P280 P302+352 P501 | If medical advice is needed, have product container or label at hand. Keep out of reach of children. Wear protective gloves, eye and face protection. IF ON SKIN: Wash with plenty of soap and water. Dispose of contents/container in accordance with local regulations. |
| Contains | 3:1 mixture of 5-chloro-2-methyl-4-isothiazoline-3-one and 2-methyl-4-isothiazolin-3-one | |
| GHS Classification | Physical and Chemical Hazards | Not classified. |
| | Human health | Skin Sens. 1 - H317 |
| | Environment | Not classified. |

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM - WHMIS

WHMIS Label

Ifotol



Materials Causing Other
Toxic Effects.

Controlled Product Classification

This Product has been classified according to the hazard criteria of the Controlled Products Regulations and the MSDS contains all required information.

Inhalation

No specific health warnings noted.

Ingestion

No harmful effects expected in amounts likely to be ingested by accident.

Skin Contact

The product contains a small amount of sensitizing substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

Eye Contact

No specific health warnings noted.

Health Warnings

Because of quantity and composition, the health hazard is small.

Route Of Entry

Skin and/or eye contact. Ingestion.

Medical Symptoms

No specific symptoms noted.

Medical Considerations

May aggravate existing: Skin disorders and allergies.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| | |
|--|----------------|
| 3:1 mixture of 5-chloro-2-methyl-4-isothiazoline-3-one and 2-methyl-4-isothiazolin-3-one | < 1 |
| CAS No.: 55965-84-9 | EC No.: |
| GHS Classification Acute Tox. 3 - H301; Acute Tox. 3 - H311; Acute Tox. 3 - H331; Skin Corr. 1B - H314; Skin Sens. 1 - H317; Aquatic Acute 1 - H400; Aquatic Chronic 1 - H410 | |
| C12-15 Alcohol ethoxylate | 1-5% |
| CAS No.: 68131-39-5 | EC No.: |
| GHS Classification Acute Tox. 4 - H302; Eye Dam. 1 - H318; Aquatic Acute 1 - H400 | |

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 the skin immediately with soap and water. Contact physician if irritation continues.

Ifotol

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

May cause skin sensitisation.

Eye Contact

May cause temporary eye irritation.

Indication of any immediate medical attention and special treatment needed

Notes To The Physician

No specific first aid measures noted.

5. FIRE-FIGHTING MEASURES

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.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

In case of spills, beware of slippery floors and surfaces. Avoid contact with skin and eyes. Provide adequate ventilation.

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

Small quantities may be flushed to drains with plenty of water. Absorb in vermiculite, dry sand or earth and place into containers. Wash contaminated area with water. Prevent discharge of larger quantity to drain.

Reference to other sections

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

7. HANDLING AND STORAGE

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 above freezing. 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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient Comments

No exposure limits noted for ingredient(s).

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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.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|-------------------------|
| Appearance | Clear liquid. |
| Color | Colourless. |
| Odor | No characteristic odor. |
| Solubility | 100% Soluble in water. |
| Initial boiling point and boiling range | >100 |
| Relative density | 1.005 @20°C |
| pH-Value, Conc. Solution | 7 |

10. STABILITY AND REACTIVITY

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

None under normal conditions.

11. TOXICOLOGICAL INFORMATION

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.

12. ECOLOGICAL INFORMATION

Toxicity

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

Degradability

No data available.

Bioaccumulative potential

No data available on bioaccumulation.

Ifotol

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

None known.

13. DISPOSAL CONSIDERATIONS

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.

14. TRANSPORT INFORMATION

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.

15. REGULATORY INFORMATION

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

Ifotol

Canada – DSL/NDSL

The following ingredients are listed.

C12-15 Alcohol ethoxylate

US - TSCA

The following ingredients are listed.

C12-15 Alcohol ethoxylate

US – TSCA 12(b) Export Notification

None of the ingredients are listed.

16. OTHER INFORMATION

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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