

# ILFORD PHOTO

## HARMAN technology Ltd

### SAFETY DATA SHEET

#### Ilfotol

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

#### 1. Identification

##### Product identifier

Product name Ilfotol

Product number 1905162

Internal identification 10256

Container size 1 Liter

##### Recommended use of the chemical and restrictions on use

Application Processing Auxiliary Solution

##### Details of the supplier of the safety data sheet

##### Supplier

Distributor  
USA: Robert Distributors, 220 East Saint Clair St, Indianapolis, IN 46204  
Tel:877-281-6405

##### Contact Person

Contact Distributor: sales@robertsdistributors.com

##### Emergency telephone number

Emergency telephone USA/Canada: For medical emergency, call 1 800 842 9660 (Product Misuse).

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Eye Irrit. 2A - H319

Environmental hazards Not Classified

##### Label elements

##### 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 clothing, gloves, eye and face protection.  
P305+P351+P338 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.

## Ifotol

### Other hazards

No information available.

### 3. Composition/information on ingredients

#### Mixtures

isotridecanol, branched, ethoxylated CAS number: 9043-30-5	<b>&lt; 2.5%</b>
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#### Classification

Acute Tox. 4 - H302  
Eye Dam. 1 - H318

#### 2-PHENOXYETHANOL

CAS number: 122-99-6

**< 1.5%**

#### Classification

Acute Tox. 4 - H302  
Eye Irrit. 2A - H319

The full text for all hazard statements is displayed in Section 16.

### 4. First-aid measures

#### Description of first aid measures

<b>Inhalation</b>	Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin Contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

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

<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	No specific symptoms known.
<b>Skin contact</b>	May cause skin irritation.
<b>Eye contact</b>	This product is strongly irritating.

#### Indication of immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	No specific recommendations.
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### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.

#### Special hazards arising from the substance or mixture

**Specific hazards** No unusual fire or explosion hazards noted.

## Ifotol

**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Oxides of carbon.

### Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or vapors.

**Special protective equipment for firefighters** 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, protective equipment and emergency procedures

**Personal precautions** Take care as floors and other surfaces may become slippery. Avoid contact with eyes.

### Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

### Methods and material for containment and cleaning up

**Methods for cleaning up** Small Spillages: Wear protective clothing, gloves, eye and face protection. Flush away spillage with plenty of water. Large Spillages: Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see section 13.

## 7. Handling and storage

### Precautions for safe handling

**Usage precautions** Provide adequate ventilation. Avoid spilling. Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Read and follow manufacturer's recommendations.

### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container. Storage advice to ensure the product remains in a useable condition throughout its specified shelf life: Store at temperatures above 0°C. Store at temperatures not exceeding 30°C.

**Storage class** Chemical storage.

### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.

## 8. Exposure Controls/personal protection

**Ingredient comments** No exposure limits known for ingredient(s).

### Exposure controls

#### Protective equipment



**Appropriate engineering controls**

Provide adequate ventilation.

**Eye/face protection**

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

## Ilfotol

<b>Hand protection</b>	Use protective gloves.
<b>Other skin and body protection</b>	Wear suitable protective clothing as protection against splashing or contamination.
<b>Respiratory protection</b>	Respiratory protection not required.

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Clear liquid.
<b>Color</b>	Colorless.
<b>Odor</b>	No characteristic odor.
<b>pH</b>	pH (concentrated solution): 7
<b>Initial boiling point and range</b>	>100°C @
<b>Relative density</b>	~ 0.999 @ 20°C
<b>Solubility(ies)</b>	Soluble in water.
<b>Other information</b>	Not available.

### 10. Stability and reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
<b>Stability</b>	Stable under the prescribed storage conditions. No particular stability concerns.
<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, no hazardous reactions will occur.
<b>Conditions to avoid</b>	Avoid excessive heat for prolonged periods of time.
<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
<b>Hazardous decomposition products</b>	Thermal decomposition or combustion products may include the following substances: Oxides of carbon.

### 11. Toxicological information

#### Information on toxicological effects

<b>Toxicological effects</b>	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.
<b><u>Acute toxicity - oral</u></b>	
<b>ATE oral (mg/kg)</b>	19,808.08
<b>Inhalation</b>	No specific health hazards known.
<b>Ingestion</b>	No harmful effects expected from quantities likely to be ingested by accident.
<b>Skin Contact</b>	May cause skin irritation.
<b>Eye contact</b>	This product is strongly irritating.

## Ifotol

**Acute and chronic health hazards** Because of the product's quantity and composition, the health hazard is regarded as low.

**Route of entry** Skin and/or eye contact Ingestion

### 12. Ecological Information

**Toxicity** The product is not expected to be toxic to aquatic organisms.

#### Persistence and degradability

**Persistence and degradability** The product is expected to be biodegradable.

#### Bioaccumulative potential

**Bio-Accumulative Potential** Bioaccumulation is unlikely.

#### Mobility in soil

**Mobility** The product is soluble in water.

#### Other adverse effects

**Other adverse effects** None known.

### 13. Disposal considerations

#### Waste treatment methods

**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 regulations on the transport of dangerous goods (IMDG, IATA, DOT).

#### UN Number

Not applicable.

#### UN proper shipping name

Not applicable.

#### Transport hazard class(es)

Not applicable.

#### Transport labels

No transport warning sign required.

#### DOT transport labels

No transport warning sign required.

#### Packing group

Not applicable.

#### Environmental hazards

**Environmentally Hazardous Substance**

No.

## Ifotol

### Special precautions for user

Not applicable.

DOT TIH Zone Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

### 15. Regulatory information

#### US State Regulations

State Regulations Comments No information available.

#### Inventories

##### US - TSCA

*isotridecanol, branched, ethoxylated*

*2-PHENOXYETHANOL*

*Water*

### 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.

**Key literature references and sources for data** European Photographic Chemical Industry Code of Practice For Classification And Labelling

**Issued by** SHE.Team@harmantechnology.com

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**Revision** 2

**Supersedes date** 14/05/2015

**Hazard statements in full** H302 Harmful if swallowed.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.