

# ILFORD PHOTO

## HARMAN technology Ltd

### SAFETY DATA SHEET

#### Ilfotec DD Starter

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## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

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### 1.1. Product identifier

Product name Ilfotec DD Starter  
Product No. 1918674  
Internal Id 10016  
Container size 1 Litre

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Developer Starter Solution

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

Supplier Distributors  
UK: HARMAN technology Ltd, Ilford Way,  
Mobberley, Cheshire, WA16 7JL, UK Tel: 01565  
650000, Fax: 01565 872734.  
(<http://www.harmantechnology.com>)  
Australia: CR Kennedy & Co Pty Ltd, 663 Chapel  
Street, South Yarra, Victoria 3141, Australia. Tel:  
03 9823 1555, Fax: 03 9827 7216  
Contact Person UK: HS&E Advisor Dr Trevor Rhodes Tel: +44(0)1565 650000, email:  
[trevor.rhodes@harmantechnology.com](mailto:trevor.rhodes@harmantechnology.com) Australia: Contact Distributor (<http://www.crkenedy.com.au>) Tel  
+61 (0)3 9823 1555

### 1.4. Emergency telephone number

Australia: 1-800-557346  
UK and elsewhere: +44(0) 207 858 1228

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## SECTION 2: HAZARDS IDENTIFICATION

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### 2.1. Classification of the substance or mixture

#### Classification (EC 1272/2008)

|                               |                 |
|-------------------------------|-----------------|
| Physical and Chemical Hazards | Not classified. |
| Human health                  | EUH031          |
| Environment                   | Not classified. |

#### Classification (1999/45/EEC)

R31.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### 2.2. Label elements

#### Label In Accordance With (EC) No. 1272/2008

No pictogram required.

#### Precautionary Statements

|      |                                                                     |
|------|---------------------------------------------------------------------|
| P102 | Keep out of reach of children.                                      |
| P280 | Wear protective gloves, eye and face protection.                    |
| P501 | Dispose of contents/container in accordance with local regulations. |

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## Supplemental label information

EUH031

Contact with acids liberates toxic gas.

### 2.3. Other hazards

No information available.

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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### 3.2. Mixtures

|                               |                             |     |
|-------------------------------|-----------------------------|-----|
| SODIUM BISULPHITE ....%       |                             | < 1 |
| CAS-No.: 7631-90-5            | EC No.: 231-548-0           |     |
| Classification (EC 1272/2008) | Classification (67/548/EEC) |     |
| EUH031                        | Xn;R22                      |     |
| Acute Tox. 4 - H302           | R31                         |     |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

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## SECTION 4: FIRST AID MEASURES

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### 4.1. 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.

#### 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.

### 4.2. 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

May cause temporary eye irritation.

### 4.3. Indication of any immediate medical attention and special treatment needed

No specific first aid measures noted.

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## SECTION 5: FIREFIGHTING MEASURES

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### 5.1. Extinguishing media

#### Extinguishing media

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

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

#### Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

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### Specific hazards

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

### 5.3. Advice for firefighters

#### Special Fire Fighting Procedures

Avoid breathing fire vapours.

#### 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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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Provide adequate ventilation.

### 6.2. 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.

### 6.3. Methods and material for containment and cleaning up

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.

### 6.4. Reference to other sections

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

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## SECTION 7: HANDLING AND STORAGE

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### 7.1. Precautions for safe 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.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in closed original container in a dry place. Store above freezing. Store under well-ventilated conditions at a temperature below 25°C. Store away from: Acids.

#### Storage Class

Chemical storage.

### 7.3. Specific end use(s)

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

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### 8.1. Control parameters

| Name                    | STD | TWA - 8 Hrs |                     | STEL - 15 Min |  | Notes |
|-------------------------|-----|-------------|---------------------|---------------|--|-------|
| SODIUM BISULPHITE ....% | WEL |             | 5 mg/m <sup>3</sup> |               |  |       |

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

#### Protective equipment



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### Engineering measures

Provide adequate ventilation. Must not be handled in confined space without sufficient 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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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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### 9.1. Information on basic physical and chemical properties

|                                              |                              |
|----------------------------------------------|------------------------------|
| Appearance                                   | Clear liquid.                |
| Colour                                       | Colourless.                  |
| Odour                                        | May smell of sulphur dioxide |
| Solubility                                   | 100% Soluble in water.       |
| Initial boiling point and boiling range (°C) | >100 760 mm Hg               |
| Relative density                             | 1.16 20                      |
| pH-Value, Conc. Solution                     | 6 - 8                        |

### 9.2. Other information

Not applicable.

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## SECTION 10: STABILITY AND REACTIVITY

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### 10.1. Reactivity

No specific reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under the prescribed storage conditions. Avoid Contact with acids.

### 10.3. Possibility of hazardous reactions

#### Hazardous Polymerisation

Will not polymerise.

### 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

#### Materials To Avoid

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

### 10.6. Hazardous decomposition products

None under normal conditions.

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## SECTION 11: TOXICOLOGICAL INFORMATION

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### 11.1. Information on toxicological effects

#### 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.

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## Inhalation

No specific health warnings noted. Unlikely to be hazardous by inhalation because of the low vapour pressure of the substance at ambient temperature. May cause irritation to the respiratory system.

## Ingestion

No specific health warnings noted.

## Skin contact

No specific health warnings noted. Prolonged and frequent contact may cause redness and irritation.

## Eye contact

No specific health warnings noted. May cause temporary eye irritation.

## Route of entry

Skin and/or eye contact. Ingestion.

## Medical Symptoms

No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals. Skin contact may cause: Skin irritation. Eye contact may cause: Irritation of eyes and mucous membranes. May cause discomfort if swallowed.

## Medical Considerations

No information about adverse effects due to exposure.

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## SECTION 12: ECOLOGICAL INFORMATION

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### 12.1. Toxicity

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

### 12.2. Persistence and degradability

#### Degradability

No data available.

### 12.3. Bioaccumulative potential

#### Bioaccumulative potential

No data available on bioaccumulation.

### 12.4. Mobility in soil

#### Mobility:

The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

### 12.6. Other adverse effects

None known.

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## SECTION 13: DISPOSAL CONSIDERATIONS

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### 13.1. Waste treatment 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.

#### Waste Class

090101

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## SECTION 14: TRANSPORT INFORMATION

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## Ilfotec DD Starter

### General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### **14.1. UN number**

Not applicable.

#### **14.2. UN proper shipping name**

Not applicable.

#### **14.3. Transport hazard class(es)**

Not applicable.

#### **Transport Labels**

No transport warning sign required.

#### **14.4. Packing group**

Not applicable.

#### **14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant

No.

#### **14.6. Special precautions for user**

Not applicable.

#### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

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## SECTION 15: REGULATORY INFORMATION

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#### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

##### **Approved Code Of Practice**

Classification and Labelling of Substances and Preparations Dangerous for Supply. Worksafe Australia NOHSC 2012: Labelling of workplace substances. Australian Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP). Australian Approved Criteria for Classifying Hazardous Substances (NOHSC 1008). Australian List of Designated Hazardous Substances (NOHSC 10005). Australian National Code of Practice for the Preparation of Material safety Data Sheets (NOHSC 2011)

##### **Guidance Notes**

CHIP for everyone HSG(108).

##### **EU Legislation**

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. EU COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010.

#### **15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

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## SECTION 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 Material Safety Data Sheet, Misc. manufacturers.

## Ilfotec DD Starter

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| <b>Issued By</b>                 | HS&E Advisor Dr Trevor Rhodes Tel: +44(0)1565 650000, email: trevor.rhodes@harmantechnology.com |
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| <b>Revision</b>                  | 11                                                                                              |
| <b>Supersedes date</b>           | 17/12/2014                                                                                      |
| <b>Risk Phrases In Full</b>      |                                                                                                 |
| R31                              | Contact with acids liberates toxic gas.                                                         |
| R22                              | Harmful if swallowed.                                                                           |
| <b>Hazard Statements In Full</b> |                                                                                                 |
| EUH031                           | Contact with acids liberates toxic gas.                                                         |
| H302                             | Harmful if swallowed.                                                                           |