

## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/4

### 140302 Universal Film / X-Ray Developer Starter T/M Variable

Revision 2  
Revision date 2023-06-15

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

|              |  |
|--------------|--|
| Product name | 140302 Universal Film / X-Ray Developer Starter T/M Variable |
|--------------|--|

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


|           |   |
|-----------|---|
| Company   | Champion Photochemistry Sdn Bhd   |
| Address   | Lot 28-B Mukim Batu Industrial Area<br>6 1/2 Miles Jalan Kepong<br>52000 Kuala Lumpur<br>MALAYSIA |
| Web       | www.championphotochemistry.com  |
| Telephone | +603-6257 2600  |
| Fax       | +603-6257 2622  |

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

|   |  |
|---|--|
| 2.1.2. Classification - EC<br>1272/2008 | Skin Irrit. 2: H315; Eye Irrit. 2: H319; |
|---|--|

##### 2.2. Label elements

|  |   |
|--|---|
| Hazard pictograms                      |    |
| Signal Word                            | Warning   |
| Hazard Statement                       | Skin Irrit. 2: H315 - Causes skin irritation.<br>Eye Irrit. 2: H319 - Causes serious eye irritation.  |
| Precautionary Statement:<br>Prevention | P264 - Wash thoroughly after handling.<br>P280 - Wear protective gloves/protective clothing/eye protection/face protection.   |
| Precautionary Statement:<br>Response   | P302+P352 - IF ON SKIN: Wash with plenty of water/ .<br>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes.<br>Remove contact lenses, if present and easy to do. Continue rinsing.<br>P321 - Specific treatment (see on this label).<br>P332+P313 - If skin irritation occurs: Get medical advice/attention.<br>P337+P313 - If eye irritation persists: Get medical advice/attention. |

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

67/548/EEC / 1999/45/EC

| Chemical Name  | Index No. | CAS No.   | EC No.    | REACH Registration Number | Conc. (%w/w) | Classification | M-factor. |
|----------------|-----------|-----------|-----------|---------------------------|--------------|----------------|-----------|
| DI Water       |           | 7732-18-5 |           |                           | 80 - 90%     |                |           |
| Sodium Bromide |           | 7647-15-6 | 231-599-9 |                           | 10 - 15%     | Xi; R36        |           |

## 140302 Universal Film / X-Ray Developer Starter T/M Variable

Revision 2

Revision date 2023-06-15

## 3.2. Mixtures

## EC 1272/2008

| Chemical Name     | Index No. | CAS No.   | EC No.    | REACH Registration Number | Conc. (%w/w) | Classification      | M-factor. |
|-------------------|-----------|-----------|-----------|---------------------------|--------------|---------------------|-----------|
| DI Water          |           | 7732-18-5 |           |                           | 80 - 90%     |                     |           |
| Potassium Bromide |           | 7758-02-3 | 231-830-3 |                           | 10 - 15%     | Eye Irrit. 2: H319; |           |

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

|              |   |
|--------------|---|
| Inhalation   | No Significant Hazard.  |
| Eye contact  | Rinse immediately with plenty of water for 15 minutes holding the eyelids open.<br>Seek medical attention.  |
| Skin contact | Remove contaminated clothing. Wash off immediately with plenty of soap and water.<br>Seek medical attention if irritation or symptoms persist.              |
| Ingestion    | Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING.<br>If swallowed, seek medical advice immediately and show this container or label. |

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

|  |   |
|--|---|
|  | Use extinguishing media appropriate to the surrounding fire conditions. |
|--|---|

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

|  |                 |
|--|-----------------|
|  | Not applicable. |
|--|-----------------|

## 5.3. Advice for firefighters

|  |                                     |
|--|-------------------------------------|
|  | Self-contained breathing apparatus. |
|--|-------------------------------------|

## SECTION 6: Accidental release measures

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

|  |  |
|--|--|
|  | Ensure adequate ventilation of the working area. Wear suitable gloves and eye/face protection. |
|--|--|

## 6.2. Environmental precautions

|  |   |
|--|---|
|  | Do not allow product to enter drains. Prevent further spillage if safe. |
|--|---|

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

|  |   |
|--|---|
|  | Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. |
|--|---|

## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

|  |  |
|--|--|
|  | Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. |
|--|--|

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

|  |  |
|--|--|
|  | Keep in a dry, well ventilated area. Keep containers tightly closed. |
|--|--|

## 7.3. Specific end use(s)

|  |  |
|--|--|
|  | After contact with skin, wash immediately with plenty of soap and water. |
|--|--|

## SECTION 8: Exposure controls/personal protection

## 8.2. Exposure controls

|  |   |
|--|---|
|  |   |
|--|---|

## 140302 Universal Film / X-Ray Developer Starter T/M Variable

Revision 2

Revision date 2023-06-15

## 8.2. Exposure controls

|   |  |
|---|--|
| 8.2.1. Appropriate engineering controls | <b>Ensure adequate ventilation of the working area.</b>              |
| 8.2.2. Individual protection measures   | <b>Wear chemical protective clothing.</b>                            |
| Eye / face protection                   | <b>safety glasses with side-shields. Eye wash bottle with water.</b> |
| Skin protection - Handprotection        | <b>Wear suitable gloves.</b>   |
| Respiratory protection                  | <b>Not required under normal conditions of use.</b>                  |

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

|   |                   |
|---|-------------------|
| Appearance                              | Aqueous solution  |
| Colour                                  | Colourless        |
| Odour                                   | Slight            |
| Odour threshold                         | Not relevant      |
| pH                                      | 3.1               |
| Melting point                           | Not relevant      |
| Initial boiling point                   | Not determined    |
| Flash point                             | Not relevant      |
| Evaporation rate                        | Not relevant      |
| Flammability (solid, gas)               | Not relevant      |
| Upper Explosive Limit                   | Not relevant      |
| Lower Explosive Limit                   | Not relevant      |
| Vapour pressure                         | Not relevant      |
| Vapour density                          | Not relevant      |
| Partition coefficient (n-octanol/water) | Not relevant      |
| Autoflammability temperature            | Not relevant      |
| Decomposition temperature               | No data available |
| Viscosity                               | Not determined    |
| Solubility                              | Soluble in water  |

## 9.2. Other information

|                  |                                 |
|------------------|---------------------------------|
| Specific gravity | 1.105 - 1.119 g/cm <sup>3</sup> |
|------------------|---------------------------------|

## SECTION 10: Stability and reactivity

## 10.2. Chemical stability

|  |                                 |
|--|---------------------------------|
|  | Stable under normal conditions. |
|--|---------------------------------|

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

|                               |   |
|-------------------------------|---|
| Skin corrosion/Irritation     | Prolonged or repeated exposure may cause irritation to skin and mucous membranes. |
| Serious eye damage/Irritation | <b>May cause irritation to eyes.</b>  |

## 11.1.4. Toxicological Information

|  |                   |
|--|-------------------|
|  | No data available |
|--|-------------------|

## SECTION 12: Ecological information

## 12.1. Toxicity

|  |                   |
|--|-------------------|
|  | No data available |
|--|-------------------|

## 12.6. Other adverse effects

|  |                                  |
|--|----------------------------------|
|  | No known adverse health effects. |
|--|----------------------------------|

## 140302 Universal Film / X-Ray Developer Starter T/M Variable

Revision 2

Revision date 2023-06-15

**SECTION 13: Disposal considerations**

## General information

Dispose of in compliance with all local and national regulations.

**SECTION 14: Transport information**

## 14.1. UN number

The product is not classified as dangerous for carriage.

## 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

## 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

## 14.4. Packing group

The product is not classified as dangerous for carriage.

## 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

## 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

**SECTION 15: Regulatory information**

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

Not classified as hazardous.

**SECTION 16: Other information**

## Other information

Text of risk phrases in Section 3

**R36 - Irritating to eyes.**

Text of Hazard Statements in Section 3

**Eye Irrit. 2: H319 - Causes serious eye irritation.**

## Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.