

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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180212 B&W Amfix Fixer & Paper Fixer T/M 6x5L

Revision 5
Revision date 2022-09-13

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

1.1. Product identifier

| | |
|--------------|-----------------------------------------------|
| Product name | 180212 B&W Amfix Fixer & Paper Fixer T/M 6x5L |
|--------------|-----------------------------------------------|

1.3. Details of the supplier of the safety data sheet


| | |
|-----------|---------------------------------------------------------------------------------------------------|
| Company | Champion Photochemistry Sdn Bhd |
| Address | Lot 28-B Mukim Batu Industrial Area 6 1/2 Miles Jalan Kepong 52000 Kuala Lumpur 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 1272/2008 | Eye Irrit. 2: H319; |
|-----------------------------------------|---------------------|

2.2. Label elements

| | |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard pictograms |  |
| Signal Word | Warning |
| Hazard Statement | Eye Irrit. 2: H319 - Causes serious eye irritation. |
| Precautionary Statement: Prevention | P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection. |
| Precautionary Statement: Response | P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention. |

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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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. |
|-------------------------|-----------|------------|-----------|---------------------------|--------------|----------------|-----------|
| Ammonium Thiosulphate | | 7783-18-8 | 231-982-0 | | 70 - 80% | | |
| DI Water | | 7732-18-5 | | | 5 - 10% | | |
| Ammonium Acetate | | 631-61-8 | 211-162-9 | | 5 - 10% | Xi; R36 | |
| Sodium Tetraborate | | 12179-04-3 | 215-540-4 | | 1 - 3% | | |
| Sodium Sulfit Anhydrous | | 7757-83-7 | | | 1 - 3% | | |

EC 1272/2008

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification | M-factor. |
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| Ammonium Thiosulphate | | 7783-18-8 | 231-982-0 | | 70 - 80% | | |
| DI Water | | 7732-18-5 | | | 5 - 10% | | |
| Ammonium Acetate | | 631-61-8 | 211-162-9 | | 5 - 10% | Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335; | |
| Sodium Tetraborate | | 12179-04-3 | 215-540-4 | | 1 - 3% | Eye Irrit. 2: H319; | |
| Sodium Sulfit Anhydrous | | 7757-83-7 | | | 1 - 3% | STOT SE 3: H335; | |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation | Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention. |
| Eye contact | Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. |
| Skin contact | Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. |
| Ingestion | Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING. |

SECTION 5: Firefighting measures

5.2. Special hazards arising from the substance or mixture

| | |
|--|---------------------------------------------------------|
| | Burning produces irritating, toxic and obnoxious fumes. |
|--|---------------------------------------------------------|

5.3. Advice for firefighters

| | |
|--|-----------------------------------------------------|
| | Wear suitable respiratory equipment when necessary. |
|--|-----------------------------------------------------|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|--|--------------------------------------------------------------------------------------|
| | Ensure adequate ventilation of the working area. Wear suitable protective equipment. |
|--|--------------------------------------------------------------------------------------|

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. Sweep up. 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. Adopt best Manual Handling considerations when handling, carrying and dispensing. |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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7.2. Conditions for safe storage, including any incompatibilities

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

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls



8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear chemical protective clothing.

Eye / face protection

Approved safety goggles.

Skin protection - Handprotection

Chemical resistant gloves (PVC).

Respiratory protection

Not required under normal conditions of use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------------------------------|-------------------|
| Appearance | Liquid |
| Colour | Yellow |
| Odour | Pleasant |
| Odour threshold | Not relevant |
| pH | 5.1 |
| Melting point | Not relevant |
| Initial boiling point | 100 °C |
| 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 | 2300 Pa |
| Vapour density | Not relevant |
| Partition coefficient (n-octanol/water) | Not relevant |
| Autotemperature | Not relevant |
| Decomposition temperature | No data available |
| Viscosity | Not determined |
| Solubility | Miscible in water |

9.2. Other information

Specific gravity 1.302

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

SECTION 11: Toxicological information

11.1.4. Toxicological Information

No data available

Further information

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Further information

No observed effect concentration. No observed effect level.

SECTION 12: Ecological information

12.1. Toxicity

No data available

Further information

No data is available on this product. No environmental requirements. No known adverse environmental effects.

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.

Further information

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

Further information

Not regulated.

SECTION 16: Other information

Other information

Text of risk phrases in Section 3

R36 - Irritating to eyes.

Text of Hazard Statements in Section 3

Skin Irrit. 2: H315 - Causes skin irritation.

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

STOT SE 3: H335 - May cause respiratory 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.