

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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120202 Fixaplus XF2 X-Ray Fixer Part A T/M 2x20L

Revision 0

Revision date 2012-10-17

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

1.1. Product identifier			
Product name	120202 Fixaplus XF2 X-Ray Fixer Part A T/M 2x20L		
1.3. Details of the supplier of the safety data sheet			
Manufacturer	Champion Photochemistry Sdn Bhd	Supplied by:	Champion Imaging Ltd
Address	Lot 28-B Mukim Batu Industrial Area 6 1/2 Miles Jalan Kepong 52000 Kuala Lumpur MALAYSIA		Regent Park Princes Risborough Bucks, HP27 9LE England
Web	www.championphotochemistry.com		www.championimaging.co.uk
Telephone	+603-6257 2600		01844 342 866
Fax	+603-6257 2622		01844 344 915

SECTION 2: Hazards identification

2.2. Label elements	
	The product is classified in accordance with 67/548/EEC.

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

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

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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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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.
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6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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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.
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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 cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
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SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

8.2.1. Appropriate engineering controls

	Ensure adequate ventilation of the working area.
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8.2.2. Individual protection measures

	Wear chemical protective clothing.
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Eye / face protection

	Approved safety goggles.
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Skin protection - Handprotection

	Chemical resistant gloves (PVC).
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Respiratory protection

	Not required under normal conditions of use.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Aqueous solution
Colour	Yellow
Odour	Ammoniacal
pH	5.06
Relative density	1.295

SECTION 10: Stability and reactivity

10.2. Chemical stability

	Stable under normal conditions.
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SECTION 11: Toxicological information

11.1.4. Toxicological Information

Sodium Tetraborate

Oral Rat LD50: 3305

Dermal Rabbit LD50: 2000

Further information

	No observed effect concentration. No observed effect level.
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SECTION 12: Ecological information**12.1. Toxicity**

Sodium Tetraborate	Daphnia EC50/48h: 133.000 mg/l Fish LC50/96h: 74.000 mg/l	Algae IC50/72h: 40.000 mg/l
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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**Further information**

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 regulated.

SECTION 16: Other information**Other information****Text of risk phrases in Section 3**

R36 - Irritating to eyes.

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.

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Revision 0

Revision date 2012-10-17

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

1.1. Product identifier

Product name 120202 Fixaplus XF2 X-Ray Fixer Part B T/M 2x20L

1.3. Details of the supplier of the safety data sheet

Manufacturer	Champion Photochemistry Sdn Bhd	Supplied by:	Champion Imaging Ltd
	Lot 28-B Mukim Batu Industrial Area 6 1/2 Miles Jalan Kepong 52000 Kuala Lumpur MALAYSIA		Regent Park Princes Risborough Bucks, HP27 9LE England
Address			
Web	www.championphotochemistry.com		www.championimaging.co.uk
Telephone	+603-6257 2600		01844 342 866
Fax	+603-6257 2622		01844 344 915

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC Xi; R36/37/38
Symbols: Xi: Irritant.

2.2. Label elements

Symbols The product is classified in accordance with 67/548/EEC.
Xi: Irritant.



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
DI Water		7732-18-5			60 - 70%	
Aluminium Sulphate		10043-01-3	233-135-0		20 - 30%	Xi; R36/37/38

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

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4.1. Description of first aid measures

Ingestion	clothing. Seek medical attention if irritation or symptoms persist.
	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.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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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.
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6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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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.
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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 cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
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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**

State	Aqueous solution
Colour	Colourless
Odour	Mild
pH	1.4
Relative density	1.195

SECTION 10: Stability and reactivity**10.2. Chemical stability**

	Stable under normal conditions.
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SECTION 11: Toxicological information

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11.1.4. Toxicological Information

Aluminium Sulphate	Oral Rat LD50: >5000mg/kg
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Further information

	No observed effect concentration. No observed effect level.
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SECTION 12: Ecological information

Further information

	No data is available on this product. No environmental requirements. No known adverse environmental effects.
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SECTION 13: Disposal considerations

General information

	Dispose of in compliance with all local and national regulations.
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SECTION 14: Transport information

Further information

	The product is not classified as dangerous for carriage.
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SECTION 15: Regulatory information

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

	Not regulated.
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SECTION 16: Other information

Other information

Text of risk phrases in Section 3	R36/37/38 - Irritating to eyes, respiratory system and skin.
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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.
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