

## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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### 120136 Fixaplus Manual X-Ray Fixer-LF T/M 2x25L

Revision 1  
Revision date 2022-09-08

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

##### 1.1. Product identifier

<b>Product name</b>	120136 Fixaplus Manual X-Ray Fixer-LF T/M 2x25L
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##### 1.3. Details of the supplier of the safety data sheet


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

#### SECTION 2: Hazards identification

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

<b>2.1.2. Classification - EC 1272/2008</b>	Eye Irrit. 2: H319;
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##### 2.2. Label elements

<b>Hazard pictograms</b>	
<b>Signal Word</b>	Warning
<b>Hazard Statement</b>	Eye Irrit. 2: H319 - Causes serious eye irritation.
<b>Precautionary Statement: Prevention</b>	P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Response</b>	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.
DI Water		7732-18-5			20 - 30%		
Ammonium Thiosulphate		7783-18-8	231-982-0		50 - 60%		
Sodium Tetraborate		12179-04-3	215-540-4		1 - 3%		
Sodium Acetate		127-09-3	204-823-8		3 - 5%		
Sodium Sulphite Anhydrous		7757-83-7	231-821-4		5 - 10%		

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## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	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.
<b>Eye contact</b>	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
<b>Skin contact</b>	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	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 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	Light yellow
Odour	Ammoniacal
Odour threshold	Not relevant
pH	4.95
Melting point	Not relevant
Initial boiling point	100 °C
Flash point	Not relevant
Evaporation rate	Not determined
Flammability (solid, gas)	Not relevant
Upper Explosive Limit	Not relevant
Lower Explosive Limit	Not relevant
Vapour pressure	2300 Pa
Vapour density	Not relevant
Relative density	1.293
Autotgnition temperature	Not relevant
Decomposition temperature	No data available
Viscosity	Not determined
Solubility	Soluble in water

## SECTION 10: Stability and reactivity

## 10.2. Chemical stability

Stable under normal conditions.

## SECTION 11: Toxicological information

## 11.1.4. Toxicological Information

Ammonium Thiosulphate	Oral Rat LD50: 2890 mg/kg	Dermal Rabbit LD50: 2000 mg/kg
Sodium Sulphite Anhydrous	Oral Rat LD50: > 2610 mg/kg	
Sodium Tetraborate	Oral Rat LD50: 3305	Dermal Rabbit LD50: 2000

## Further information

No observed effect concentration. No observed effect level.

## SECTION 12: Ecological information

## 12.1. Toxicity

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## 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.
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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

## 14.1. UN number

	The product is not classified as dangerous for carriage.
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## 14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
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## 14.3. Transport hazard class(es)

	The product is not classified as dangerous for carriage.
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## 14.4. Packing group

	The product is not classified as dangerous for carriage.
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## 14.5. Environmental hazards

	The product is not classified as dangerous for carriage.
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## 14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
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## 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.
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## Further information

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

## Further information

	Not regulated.
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## SECTION 16: Other information

## Other information

Revision	This document differs from the previous version in the following areas: 9 - 9.1. Information on basic physical and chemical properties (Explosive properties).
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.
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