

**SAFETY DATA SHEET**

according to 1907/2006/EC, Article 31

Page 1/6

**140501 Primaprint SP-108 Bleach-Fix Replenisher T/M 4x20L**

Revision 3  
Revision date 2022-08-26

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

**1.1. Product identifier**

**Product name** 140501 Primaprint SP-108 Bleach-Fix Replenisher T/M 4x20L

**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**

**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.

**Precautionary Statement: Response**

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

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**

## 140501 Primaprint SP-108 Bleach-Fix Replenisher T/M 4x20L

Revision 3

Revision date 2022-08-26

## 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		40 - 45%		
DI Water		7732-18-5			20 - 25%		
Ammonium Fe EDTA 50%		21265-50-9	244-302-2		15 - 20%		
Ammonium Bisulphite		10192-30-0	233-469-7		5 - 10%		
Ammonium Acetate		631-61-8	211-162-9		0.5 - 1%	Xi; R36	

## EC 1272/2008

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Ammonium Acetate		631-61-8	211-162-9		0.5 - 1%	Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;	

## 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

## 5.1. Extinguishing media

	Carbon oxides. Not applicable.
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## 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes. Ammonia, SO <sub>x</sub> , NO <sub>x</sub> may be formed in fire conditions.
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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

## 140501 Primaprint SP-108 Bleach-Fix Replenisher T/M 4x20L

Revision 3  
Revision date 2022-08-26

## 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.

## 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.

## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

## 8.1.1. Exposure Limit Values

Ammonium Bisulphite	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m3: 234
	WEL 15 min limit ppm:	WEL 15 min limit mg/m3:
	WEL 8-hr limit mg/m3 total inhalable dust:	WEL 15 min limit mg/m3 total inhalable dust:
	WEL 8-hr limit mg/m3 total respirable dust:	WEL 15 min limit mg/m3 total respirable dust:
Ammonium Fe EDTA 50%	WEL 8-hr limit ppm: ammonia, aqueous solution 50ppm 35mg/m3	WEL 8-hr limit mg/m3:
	WEL 15 min limit ppm:	WEL 15 min limit mg/m3:
	WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust: -	WEL 15 min limit mg/m3 total respirable dust: -

## 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 -

Chemical resistant gloves (PVC).

## Handprotection

## Respiratory protection

Not required under normal conditions of use.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

## 140501 Primaprint SP-108 Bleach-Fix Replenisher T/M 4x20L

Revision 3

Revision date 2022-08-26

## 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid
<b>Colour</b>	Brown
<b>Odour</b>	Slight
<b>Odour threshold</b>	Not relevant
<b>pH</b>	5.8
<b>Melting point</b>	Not relevant
<b>Initial boiling point</b>	100 °C
<b>Flash point</b>	Not relevant
<b>Evaporation rate</b>	Not relevant
<b>Flammability (solid, gas)</b>	Not relevant
<b>Upper Explosive Limit</b>	Not relevant
<b>Lower Explosive Limit</b>	Not relevant
<b>Vapour pressure</b>	2300 Pa
<b>Vapour density</b>	Not relevant
<b>Partition coefficient (n-octanol/water)</b>	Not relevant
<b>Autolgnition temperature</b>	Not relevant
<b>Decomposition temperature</b>	No data available
<b>Viscosity</b>	Not determined
<b>Solubility</b>	Soluble in water

## 9.2. Other information

<b>Specific gravity</b>	1.25
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## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	No dangerous reaction known.
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## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

	No dangerous reaction known.
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## 10.4. Conditions to avoid

	See "Fire Fighting Measures". Avoid contact with strong acids and oxidising agents.
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## 10.5. Incompatible materials

	No relevant information available.
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## 10.6. Hazardous decomposition products

	No dangerous decomposition products known.
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## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

<b>Skin corrosion/irritation</b>	May cause irritation to skin.
<b>Serious eye damage/Irritation</b>	May cause irritation to eyes.

## 11.1.4. Toxicological Information

	No data available
	No data available.

## SECTION 12: Ecological information

## 12.1. Toxicity

	No data available
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## 140501 Primaprint SP-108 Bleach-Fix Replenisher T/M 4x20L

Revision 3  
Revision date 2022-08-26

## 12.2. Persistence and degradability

No data available on this product.

## 12.3. Bioaccumulative potential

No data available on this product.

## 12.4. Mobility in soil

No data available on this product.

## 12.5. Results of PBT and vPvB assessment

Not applicable.

## 12.6. Other adverse effects

No other relevant information available.

## Further information

A moderate biochemical oxygen demand will result in short term oxygen depletion in the aquatic environment.

## SECTION 13: Disposal considerations

## General information

Dispose of in compliance with all local and national regulations.

## Disposal of packaging

Do not empty into drains; dispose of this material and its container in a safe way.

## 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

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

Not regulated.

## 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 (Flash point).  
9 - 9.2. Other information (Specific gravity).  
12 - 12.1. Toxicity.

## 140501 Primaprint SP-108 Bleach-Fix Replenisher T/M 4x20L

Revision 3  
Revision date 2022-08-26

**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.

Skin Irrit. 2: H315 - Causes skin 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.