

## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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### 140560 NatureCare SP-VR Bleach-Fix & Replenisher T/M 50L/75L/100L

Revision 0  
Revision date 2022-11-29

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

##### 1.1. Product identifier

<b>Product name</b>	140560 NatureCare SP-VR Bleach-Fix & Replenisher T/M 50L/75L/100L
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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

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 - 50%		
Ammonium Fe EDTA 50%		21265-50-9	244-302-2		20 - 30%		
DI Water		7732-18-5			10 - 20%		
Ammonium Bisulphite		10192-30-0	233-469-7		10 - 20%		

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## 3.2. Mixtures

## EC 1272/2008

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## 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

## 5.1. 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

## 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

## 8.1. Control parameters

## 8.1.1. Exposure Limit Values

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## 8.1.1. Exposure Limit Values

Ammonium Bisulphite	WEL 8-hr limit ppm: WEL 15 min limit ppm: WEL 8-hr limit mg/m <sup>3</sup> total inhalable dust: WEL 8-hr limit mg/m <sup>3</sup> total respirable dust:	WEL 8-hr limit mg/m <sup>3</sup> : 234 WEL 15 min limit mg/m <sup>3</sup> : WEL 15 min limit mg/m <sup>3</sup> total inhalable dust: WEL 15 min limit mg/m <sup>3</sup> total respirable dust:
Ammonium Fe EDTA 50%	WEL 8-hr limit ppm: ammonia, aqueous solution 50ppm 35mg/m <sup>3</sup> WEL 15 min limit ppm: WEL 8-hr limit mg/m <sup>3</sup> total - inhalable dust: WEL 8-hr limit mg/m <sup>3</sup> total - respirable dust:	WEL 8-hr limit mg/m <sup>3</sup> :  WEL 15 min limit mg/m <sup>3</sup> : WEL 15 min limit mg/m <sup>3</sup> total - inhalable dust: WEL 15 min limit mg/m <sup>3</sup> 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 - 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	Brown
Odour	Slight
Odour threshold	Not determined
pH	5.9
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
Autoignition temperature	Not relevant
Decomposition temperature	No data available
Viscosity	Not determined
Solubility	Soluble in water

## 9.2. Other information

Specific gravity	1.275
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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.

**10.3. Possibility of hazardous reactions**

No dangerous reaction known.

**10.4. Conditions to avoid**

See "Fire Fighting Measures". Avoid contact with strong acids and oxidising agents.

**10.5. Incompatible materials**

No relevant information available.

**10.6. Hazardous decomposition products**

No dangerous decomposition products known.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Skin corrosion/irritation**

May cause irritation to skin.

**Serious eye damage/irritation**

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

**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.

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## 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

## 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.