

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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180314 Indicator Stopbath T/M Variable

Revision 2
Revision date 2017-06-12

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

1.1. Product identifier

Product name 180314 Indicator Stopbath T/M Variable

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

2.1.1. Classification - 1999/45/EC	Xi; R36/38 Symbols: Xi: Irritant.
Main hazards	Irritating to eyes and skin.
2.1.2. Classification - EC 1272/2008	Skin Irrit. 2: H315; Eye Irrit. 2: H319;

2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Skin Irrit. 2: H315 - Causes skin irritation. 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	P302+P352 - IF ON SKIN: Wash with plenty of water/ . P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321 - Specific treatment (see on this label). P332+P313 - If skin irritation occurs: Get medical advice/attention. 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			70 - 80%		
Acetic acid ...%	607-002-00-6	64-19-7	200-580-7		20 - 30%	R10 C; R35	

EC 1272/2008

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Acetic acid ...%	607-002-00-6	64-19-7	200-580-7		20 - 30%	Flam. Liq. 3: H226; Skin Corr. 1A: H314;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	No Significant Hazard.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention.
Skin contact	Remove contaminated clothing. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.
Ingestion	Rinse mouth thoroughly. Seek medical attention.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.3. Advice for firefighters

	Self-contained breathing apparatus.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Wear suitable gloves. safety glasses with side-shields. Ensure adequate ventilation of the working area.
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6.2. Environmental precautions

	Prevent further spillage if safe. Do not empty into drains; dispose of this material and its container in a safe way.
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6.3. Methods and material for containment and cleaning up

	Clean spillage area thoroughly with plenty of water. Contact a licensed waste disposal company.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Wash hands after handling the product.
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7.2. Conditions for safe storage, including any incompatibilities

	Store in a well-ventilated place. Keep away from incompatible materials.
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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

Acetic acid ...%	DIR: 91/322	8hTWA ppm: 10
	8hTWA mg/m ³ : 25	STEL ppm: -
	STEL mg/m ³ : -	NOT: -

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
	Ensure adequate ventilation of the working area.
	Wear suitable gloves. safety glasses with side-shields. Provide eye wash station.
8.2.2. Individual protection measures	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Orange
Odour	Mild
Odour threshold	Not relevant
pH	Not determined
Melting point	Not relevant
Initial boiling point	Not determined
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	Not relevant
Vapour density	Not relevant
Partition coefficient (n-octanol/water)	Not relevant
Autoignition temperature	Not relevant
Decomposition temperature	No data available
Viscosity	Not determined
Solubility	Miscible in water

9.2. Other information

Specific gravity	1.035 g/cm ³
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SECTION 10: Stability and reactivity

10.1. Reactivity

	Stable under normal conditions.
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10.4. Conditions to avoid

	Avoid contact with: Strong acids, Strong oxidising agents.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Irritant.
Skin corrosion/irritation	Irritating to skin.
Serious eye damage/irritation	Irritant.

SECTION 12: Ecological information

Further information

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Further information	
	Avoid release to the environment.
SECTION 13: Disposal considerations	
Disposal methods	
	Do not allow runoff water to enter sewers or drains. Contact a licensed waste disposal company.
Disposal of packaging	
	Empty containers can be sent for disposal or recycling.
SECTION 14: Transport information	
Further information	
	Not classified as hazardous.
SECTION 15: Regulatory information	
Further information	
	Information contained in the MSDS is to our best present knowledge correct and complete and is given in good faith but without warranty.
SECTION 16: Other information	
Other information	
Revision	<p>This document differs from the previous version in the following areas:</p> <ul style="list-style-type: none"> 9 - 9.1. Information on basic physical and chemical properties (Odour). 9 - 9.1. Information on basic physical and chemical properties (PH). 9 - 9.1. Information on basic physical and chemical properties (Melting point). 9 - 9.1. Information on basic physical and chemical properties (Flash point). 9 - 9.1. Information on basic physical and chemical properties (Flammability (solid, gas)). 9 - 9.1. Information on basic physical and chemical properties (Autoignition temperature). 9 - 9.1. Information on basic physical and chemical properties (Vapour pressure). 9 - 9.1. Information on basic physical and chemical properties (Vapour density). 9 - 9.1. Information on basic physical and chemical properties (Evaporation rate). 9 - 9.1. Information on basic physical and chemical properties (Upper Explosive Limit). 9 - 9.1. Information on basic physical and chemical properties (Lower Explosive Limit). 9 - 9.1. Information on basic physical and chemical properties (Decomposition temperature). 9 - 9.1. Information on basic physical and chemical properties (Solubility). 9 - 9.1. Information on basic physical and chemical properties (Partition coefficient (n-octanol/water)). 9 - 9.1. Information on basic physical and chemical properties (Odour threshold). 14 - Further information.
Text of risk phrases in Section 3	<p>R10 - Flammable</p> <p>R35 - Causes severe burns.</p>
Text of Hazard Statements in Section 3	<p>Flam. Liq. 3: H226 - Flammable liquid and vapour.</p> <p>Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.</p>
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.