

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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140411 RA4 Print Developer Starter (Variable) T/M Variable

Revision 2
Revision date 2017-06-09

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

1.1. Product identifier

Product name	140411 RA4 Print Developer Starter (Variable) T/M Variable
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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

Main hazards	No Significant Hazard
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2.2. Label elements

Risk phrases	No Significant Hazard
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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.
DI Water		7732-18-5			70 - 80%		
Potassium Bicarbonate		298-14-6	206-059-0		10 - 20%		
Potassium Chloride		7447-40-7	231-211-8		1 - 5%		
Potassium Carbonate		584-08-7	209-529-3		1 - 3%	Xi; R36/37/38	

EC 1272/2008

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Potassium Carbonate		584-08-7	209-529-3		1 - 3%	Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	No Significant Hazard.
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4.1. Description of first aid measures

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	Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Not applicable.

5.3. Advice for firefighters

Self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Wear suitable gloves and eye/face protection.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a dry, well ventilated area. Keep containers tightly closed.

7.3. Specific end use(s)

After contact with skin, wash immediately with plenty of soap and water.

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

safety glasses with side-shields. Eye wash bottle with water.

Skin protection - Handprotection

Wear suitable gloves.

Respiratory protection

Not required under normal conditions of use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless
Odour	Odourless
pH	8.85
Melting point	Not relevant
Freezing Point	< 0 °C
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
Autolgnition temperature	Not relevant
Decomposition temperature	No data available
Viscosity	Not determined
Solubility	Soluble in water

9.2. Other information

Specific gravity	1.18
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SECTION 10: Stability and reactivity

10.2. Chemical stability

	Stable under normal conditions.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	Prolonged or repeated exposure may cause irritation to skin and mucous membranes.
Serious eye damage/irritation	May cause irritation to eyes.

11.1.4. Toxicological Information

	No data available
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SECTION 12: Ecological information

12.1. Toxicity

	No data available
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12.6. Other adverse effects

	No known adverse health 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.

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.

SECTION 15: Regulatory information

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

Not classified as hazardous.

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 (Odour).
- 9 - 9.1. Information on basic physical and chemical properties (Relative density).
- 9 - 9.1. Information on basic physical and chemical properties (Decomposition temperature).
- 9 - 9.2. Other information (Specific gravity).

Text of risk phrases in Section 3

R36/37/38 - Irritating to eyes, respiratory system and skin.

Text of Hazard Statements in Section 3

Skin Irrit. 2: H315 - Causes skin irritation.
Eye Irrit. 2: H319 - Causes serious eye 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.