SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

140157 RA4 Print Processing Kit T/M 20L Part B

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	140157 RA4 Print Processing Kit T/M 20L Part B

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

2.1.2. 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. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	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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140157 RA4 Print Processing Kit T/M 20L Part B

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 Bisulphite		10192-30-0	233-469-7		5 - 10%	Eye Irrit. 2: H319;	
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

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.

5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes. Ammonia, SOx, NOx may be formed in fire conditions.

5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.

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.

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. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

SECTION 7: Handling and storage

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140157 RA4 Print Processing Kit T/M 20L Part B

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 - 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

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140157 RA4 Print Processing Kit T/M 20L Part B

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Brown
Odour	Slight
Odour threshold	Not relevant
pH	5.8
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	1.25

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reaction known.

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

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140157 RA4 Print Processing Kit T/M 20L Part B

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.

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140157 RA4 Print Processing Kit T/M 20L Part B

Revision 3

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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.

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