

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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140196 Mydoneg FRC Film Developer Cartridge (NC2) Part A T/M 2x2.5L

Revision 1
Revision date 2017-06-09

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

1.1. Product identifier

Product name 140196 Mydoneg FRC Film Developer Cartridge (NC2) Part A T/M 2x2.5L

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 Symbols: Xi: Irritant.
Main hazards	Irritating to eyes.
2.1.2. Classification - EC 1272/2008	Skin Corr. 1A: H314;

2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.
Precautionary Statement: Prevention	P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER/doctor/ . P321 - Specific treatment (see on this label). P363 - Wash contaminated clothing before reuse.
Precautionary Statement: Storage	P405 - Store locked up.

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2.2. Label elements

Precautionary Statement: Disposal	P501 - Dispose of contents/container to hazardous or special waste collection point.
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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			80 - 90%		
Potassium Carbonate		584-08-7	209-529-3		1 - 5%	Xi; R36/37/38	
Ethanesulphonic acid, 2,2'-(Hydroxyimino)Bis, Disodium Salt		133986-51-3			1 - 10%		

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
DI Water		7732-18-5			80 - 90%		
Potassium Carbonate		584-08-7	209-529-3		1 - 5%	Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;	
Ethanesulphonic acid, 2,2'-(Hydroxyimino)Bis, Disodium Salt		133986-51-3			1 - 10%		

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek medical attention.
Eye contact	Causes burns. Causes severe inflammation and may damage the cornea. Seek medical attention. Irritating to eyes.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing. 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

	Not applicable. This product is not flammable.
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5.2. Special hazards arising from the substance or mixture

	Corrosive. Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Protective equipment. Wear suitable respiratory equipment when necessary. In case of fire and/or explosion do not breathe fumes.
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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. Evacuate personnel to a safe 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. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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SECTION 7: Handling and storage

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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.

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

Approved safety goggles.

Skin protection - Handprotection

Chemical resistant gloves (PVC).

Respiratory protection

Wear.. Self-contained breathing apparatus.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless
Odour	Pungent
Odour threshold	Not relevant
pH	11.5
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
Relative density	1.052
Partition coefficient (n-octanol/water)	Not relevant
Autoignition temperature	Not relevant
Decomposition temperature	No data available
Viscosity	Not determined
Solubility	Soluble in water

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.

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10.4. Conditions to avoid

See "Fire Fighting Measures".

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. Prolonged or repeated exposure may cause irritation to skin and mucous membranes.

Repeated or prolonged exposure

May cause allergic reactions in susceptible people. May cause severe irritation to eyes and skin.

11.1.4. Toxicological Information

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

No data is available on this product.

12.3. Bioaccumulative potential

No data is available on this product.

12.4. Mobility in soil

No data is available on this product.

12.5. Results of PBT and vPvB assessment

Not applicable.

12.6. Other adverse effects

No other relevant information available.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

Disposal methods

Do not empty into drains; dispose of this material and its container in a safe way. Do NOT mix with any other product. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

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.

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14.5. Environmental hazards

	The product is not classified as dangerous for carriage.
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14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
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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.
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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.
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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"> 2 - 2.1. Classification of the substance or mixture. 9 - 9.1. Information on basic physical and chemical properties (Initial boiling point). 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 (Relative density). 9 - 9.1. Information on basic physical and chemical properties (Viscosity). 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 (Partition coefficient (n-octanol/water)). 9 - 9.1. Information on basic physical and chemical properties (Odour threshold). 9 - 9.2. Other information (Specific gravity). 12 - 12.1. Toxicity. 14 - 14.6. Special precautions for user. 15 - Labelling. 15 - Risk phrases.
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Text of risk phrases in Section 3

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

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.
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according to 1907/2006/EC, Article 31

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140196 Mydoneg FRC Film Developer Cartridge (NC2) Part B T/M 2 x 2.5L

Revision 0
Revision date 2017-06-22

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

1.1. Product identifier

Product name	140196 Mydoneg FRC Film Developer Cartridge (NC2) Part B T/M 2 x 2.5L
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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

2.1.2. Classification - EC 1272/2008	Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319;
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2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Irrit. 2: H319 - Causes serious eye irritation.
Precautionary Statement: Prevention	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace. 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. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to hazardous or special waste collection point.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

140196 Mydoneg FRC Film Developer Cartridge (NC2) Part B T/M 2 x 2.5L

Revision 0

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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			90 - 100%		
Proxel GXL					1 - 3%		
Belciene 200		26099-09-2			0.5 - 1%		

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
DI Water		7732-18-5			90 - 100%		
Proxel GXL					1 - 3%	Acute Tox. 4: H302; Skin Corr. 1B: H314; Skin Sens. 1: H317; Eye Dam. 1: H318; Aquatic Acute 1: H400;	
Belciene 200		26099-09-2			0.5 - 1%	Met. Corr. 1: H290;	

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

8.2. Exposure controls

	Ensure adequate ventilation of the working area.
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8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear suitable gloves. safety glasses with side-shields. Provide eye wash station.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Aqueous solution
Colour	Yellow
Odour	Slight
Odour threshold	Not relevant
pH	7.8 - 8
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	1.005
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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

	Avoid release to the environment.
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SECTION 13: Disposal considerations

Disposal methods

	Do not allow runoff water to enter sewers or drains. Contact a licensed waste disposal company.
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Disposal of packaging

140196 Mydoneg FRC Film Developer Cartridge (NC2) Part B T/M 2 x 2.5L

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Disposal of packaging

Empty containers can be sent for disposal or recycling.

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.

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

Acute Tox. 4: H302 - Harmful if swallowed.
 Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
 Skin Sens. 1: H317 - May cause an allergic skin reaction.
 Eye Dam. 1: H318 - Causes serious eye damage.
 Aquatic Acute 1: H400 - Very toxic to aquatic life.
 Met. Corr. 1: H290 - May be corrosive to metals.

Further information

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