

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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140115 Mydoneg SP N1 HR Developer Replenisher T/M 6x2.5L

Revision 3
Revision date 2017-06-09

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

1.1. Product identifier

Product name	140115 Mydoneg SP N1 HR Developer Replenisher T/M 6x2.5L
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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

2.1.1. Classification - 1999/45/EC	Xn; R40 Xi; R36/38-43 R52/53 Symbols: Xn: Harmful.
Main hazards	Irritating to eyes and skin. Limited evidence of a carcinogenic effect. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
2.1.2. Classification - EC 1272/2008	Skin Sens. 1: H317; Eye Irrit. 2: H319; Aquatic Chronic 2: H411;

2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Irrit. 2: H319 - Causes serious eye irritation. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
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. P273 - Avoid release to the environment. 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). P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention.

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2.2. Label elements

Precautionary Statement: Disposal	P391 - Collect spillage.
	P501 - Dispose of contents/container to hazardous or special waste collection point.

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 - 10%	Xi; R36/37/38	
Ethanesulphonic acid, 2,2'-(Hydroxyimino)Bis, Disodium Salt		133986-51-3			1 - 3%		
4-(N-Ethyl-N-2-hydroxyethyl)-2-methylphenylenediamine sulphate	612-133-00-7	25646-77-9	247-162-0		1 - 3%	T; R25 Xn; R48/22 R43 N; R50/53	
Pentasodium DTPA Solution 42%		140-01-2	205-391-3		0.5 - 1%	C; R35 Xn; R22-40	
Sodium Sulphite Anhydrous		7757-83-7	231-821-4		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			80 - 90%		
Potassium Carbonate		584-08-7	209-529-3		1 - 10%	Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;	
Ethanesulphonic acid, 2,2'-(Hydroxyimino)Bis, Disodium Salt		133986-51-3			1 - 3%		
4-(N-Ethyl-N-2-hydroxyethyl)-2-methylphenylenediamine sulphate	612-133-00-7	25646-77-9	247-162-0		1 - 3%	Acute Tox. 3: H301; STOT RE 2: H373; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;	
Pentasodium DTPA Solution 42%		140-01-2	205-391-3		0.5 - 1%	Eye Dam. 1: H318; Acute Tox. 4: H332;	
Sodium Sulphite Anhydrous		7757-83-7	231-821-4		0.5 - 1%		

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**7.1. Precautions for safe handling**

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep in a dry, well ventilated area. Keep containers tightly closed.
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SECTION 8: Exposure controls/personal protection**8.2. Exposure controls****8.2.1. Appropriate engineering controls**

	Ensure adequate ventilation of the working area.
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8.2.2. Individual protection measures

	Wear chemical protective clothing.
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Eye / face protection

	Approved safety goggles.
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Skin protection -

	Chemical resistant gloves (PVC).
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Handprotection**Respiratory protection**

	Wear: Self-contained breathing apparatus.
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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	Orange
Odour	Slight
Odour threshold	Not relevant
pH	10.4
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
Autolgnition temperature	Not relevant
Decomposition temperature	No data available
Viscosity	Not determined
Solubility	Miscible in water

9.2. Other information

Specific gravity	1.09 g/cm ³
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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.
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10.3. Possibility of hazardous reactions

	No dangerous reaction known.
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10.4. Conditions to avoid

	See "Fire Fighting Measures".
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10.5. Incompatible materials

	No relevant information available.
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10.6. Hazardous decomposition products

	No dangerous decomposition products known.
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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
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SECTION 12: Ecological information

12.1. Toxicity

	No data available
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12.1. Toxicity

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.

Partition coefficient

Pentasodium DTPA Solution <0
42%

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

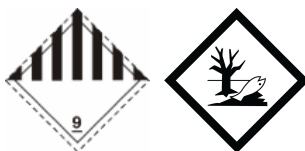
Dispose of in compliance with all local and national regulations.

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

Hazard pictograms



14.1. UN number

UN3082

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3. Transport hazard class(es)

ADR/RID	9
Subsidiary risk	-
IMDG	9
Subsidiary risk	-
IATA	9
Subsidiary risk	-

14.4. Packing group

Packing group

III

14.5. Environmental hazards

Environmental hazards	Yes
Marine pollutant	Yes

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ADR/RID	
Hazard ID	90
Tunnel Category	(E)
IMDG	
EmS Code	F-A S-F
IATA	
Packing Instruction (Cargo)	964
Maximum quantity	450 L
Packing Instruction (Passenger)	964
Maximum quantity	450 L
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	This document differs from the previous version in the following areas: 2 - Hazard pictograms. 9 - 9.1. Information on basic physical and chemical properties (Autoignition temperature). 9 - 9.1. Information on basic physical and chemical properties (Decomposition temperature). 9 - 9.1. Information on basic physical and chemical properties (Solubility).
Text of risk phrases in Section 3	R22 - Harmful if swallowed. R25 - Toxic if swallowed. R35 - Causes severe burns. R36/37/38 - Irritating to eyes, respiratory system and skin. R36 - Irritating to eyes. R40 - Limited evidence of a carcinogenic effect. R43 - May cause sensitisation by skin contact. R48/22 - Harmful: danger of serious damage to health by prolonged exposure if swallowed. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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. Acute Tox. 3: H301 - Toxic if swallowed. Skin Sens. 1: H317 - May cause an allergic skin reaction. STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. Eye Dam. 1: H318 - Causes serious eye damage. Acute Tox. 4: H332 - Harmful if inhaled.
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.