

## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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### 140312 Mydoneg RA Bleach Replenisher T/M 2x5L

Revision 3  
Revision date 2018-07-25

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

##### 1.1. Product identifier

<b>Product name</b>	140312 Mydoneg RA Bleach Replenisher T/M 2x5L
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##### 1.3. Details of the supplier of the safety data sheet


<b>Company</b>	Champion Photochemistry Sdn Bhd
<b>Address</b>	Lot 28-B Mukim Batu Industrial Area 6 1/2 Miles Jalan Kepong 52000 Kuala Lumpur MALAYSIA
<b>Web</b>	www.championphotochemistry.com
<b>Telephone</b>	+603-6257 2600
<b>Fax</b>	+603-6257 2622

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

<b>2.1.1. Classification - 1999/45/EC</b>	Xi; R36/37/38 Symbols: Xi: Irritant.
<b>Main hazards</b>	Irritating to eyes, respiratory system and skin.
<b>2.1.2. Classification - EC 1272/2008</b>	Skin Corr. 1A: H314; STOT SE 3: H335;

##### 2.2. Label elements

<b>Hazard pictograms</b>	
<b>Signal Word</b>	Danger
<b>Hazard Statement</b>	Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. STOT SE 3: H335 - May cause respiratory irritation.
<b>Precautionary Statement: Prevention</b>	P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Response</b>	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/ . P312 - Call a POISON CENTER/doctor/ /if you feel unwell. P321 - Specific treatment (see on this label).

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## 2.2. Label elements

<b>Precautionary Statement:</b> <b>Storage</b>	P363 - Wash contaminated clothing before reuse.
	P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
	P405 - Store locked up.
<b>Precautionary Statement:</b> <b>Disposal</b>	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			60 - 70%		
Ammonia solution	007-001-01-2	1336-21-6	215-647-6		1 - 10%	C; R34 N; R50	
Acetic Acid Glacial	607-002-00-6	64-19-7	200-580-7		1 - 10%	R10 C; R35	
Ammonium Bromide		12124-97-9	235-183-8		1 - 5%	Xi; R36/38	

## 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			60 - 70%		
Ammonia solution	007-001-01-2	1336-21-6	215-647-6		1 - 10%	Skin Corr. 1B: H314; Aquatic Acute 1: H400;	
Acetic Acid Glacial	607-002-00-6	64-19-7	200-580-7		1 - 10%	Flam. Liq. 3: H226; Skin Corr. 1A: H314;	
Ammonium Bromide		12124-97-9	235-183-8		1 - 5%	Eye Irrit. 2: H319;	

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	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.
<b>Eye contact</b>	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
<b>Skin contact</b>	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	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.
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## 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.
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## 5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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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. 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. Sweep up. 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. 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

Acetic Acid Glacial	DIR: 91/322	8hTWA ppm: 10
	8hTWA mg/m <sup>3</sup> : 25	STEL ppm: -
	STEL mg/m <sup>3</sup> : -	NOT: -

## 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 -

Chemical resistant gloves (PVC).

## Handprotection

## 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

<b>Appearance</b>	Liquid
<b>Colour</b>	Brown/Green
<b>Odour</b>	Pungent
<b>Odour threshold</b>	Not relevant
<b>pH</b>	3.8
<b>Melting point</b>	Not relevant
<b>Initial boiling point</b>	Not determined
<b>Flash point</b>	Not relevant
<b>Evaporation rate</b>	Not relevant
<b>Flammability (solid, gas)</b>	Not relevant
<b>Upper Explosive Limit</b>	Not relevant
<b>Lower Explosive Limit</b>	Not relevant
<b>Vapour pressure</b>	Not relevant
<b>Vapour density</b>	Not relevant
<b>Partition coefficient (n-octanol/water)</b>	Not relevant
<b>Autolgnition temperature</b>	Not relevant
<b>Decomposition temperature</b>	No data available
<b>Viscosity</b>	Not determined
<b>Solubility</b>	Soluble in water

## 9.2. Other information

<b>Specific gravity</b>	1.108
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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". Avoid contact with strong acids and oxidising agents.
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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

<b>Skin corrosion/irritation</b>	May cause irritation to skin.
<b>Serious eye damage/Irritation</b>	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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**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:

- 2 - Hazard pictograms.
- 14 - ADR/RID.
- 14 - IMDG.

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## Other information

Text of risk phrases in Section 3	<p>14 - IATA.</p> <p>R10 - Flammable</p> <p>R34 - Causes burns.</p> <p>R35 - Causes severe burns.</p> <p>R36/38 - Irritating to eyes and skin.</p> <p>R50 - Very toxic to aquatic organisms.</p>
Text of Hazard Statements in Section 3	<p>Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.</p> <p>Aquatic Acute 1: H400 - Very toxic to aquatic life.</p> <p>Flam. Liq. 3: H226 - Flammable liquid and vapour.</p> <p>Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p>

## Further information

	<p>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.</p>
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