

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/5

140312 Mydoneg RA Bleach Replenisher T/M 2x5L

Revision 4

Revision date 2021-09-07

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

1.1. Product identifier

Product name	140312 Mydoneg RA Bleach Replenisher T/M 2x5L
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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	Xi; R36/37/38 Symbols: Xi: Irritant.
Main hazards	Irritating to eyes and skin.
2.1.2. Classification - EC 1272/2008	Eye Irrit. 2: H319; Skin Sens. 1: H317; Aquatic Chronic 3: H412;

2.2. Label elements

Hazard pictograms



Signal Word

Warning

Hazard Statement

Eye Irrit. 2 H319 Causes serious eye irritation.
Skin Sens. 1 H317 May cause an allergic skin reaction.
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

Precautionary Statement:Prevention

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.

Precautionary Statement:Response

P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
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.
P337+P313 If eye irritation persists: Get medical advice/attention..
P310 -Immediately call a POISON CENTER/doctor/ .
P312 - Call a POISON CENTER/doctor/ /if you feel unwell.

140312 Mydoneg RA Bleach Replenisher T/M 2x5L

Revision 4
Revision date 2021-09-07

2.2. Label elements

Precautionary Statement: Storage	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up.
Precautionary Statement: Disposal	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			70 - 80%		
Ferric Ammonium 1,3-propylenediaminetetracetate monohydrate (1,3-pdtasalt)		111687-36-6	400-660-3		10 - 20%		
Ammonium Bromide		12124-97-9	235-183-8		1 - 5%	Xi; R36/38	
Ammonium Formate		540-69-2	208-753-9		2 - 5%		

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
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Ferric Ammonium 1,3-propylenediaminetetracetate monohydrate (1,3-pdtasalt)		111687-36-6	400-660-3		10 - 20%	Aquatic Chronic 2, H411	
Ammonium Bromide		12124-97-9	235-183-8		1 - 5%	Eye Irrit. 2: H319;	
Ammonium Formate		540-69-2	208-753-9		2 - 5%	Skin Irrit. 1: H317; 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.

140312 Mydoneg RA Bleach Replenisher T/M 2x5L

Revision 4

Revision date 2021-09-07

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 mg/m ³ : 25 STEL mg/m ³ : -	8hTWA ppm: 10 STEL ppm: - NOT: -
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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 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**

Appearance	Liquid
Colour	Brown/Green
Odour	Pungent
Odour threshold	Not relevant
pH	3.8
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

140312 Mydoneg RA Bleach Replenisher T/M 2x5L

Revision 4
Revision date 2021-09-07**9.1. Information on basic physical and chemical properties**

Autoignition Temperature	Not relevant
Decomposition temperature	No data available
Viscosity	Not determined
Solubility	Soluble in water

9.2. Other information

Specific gravity	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**

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.

12.1. Toxicity

	No data available
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12.1. Persistence and degradability

	No data available on this product.
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12.2. Bioaccumulative potential

	No data available on this product.
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12.3. Mobility in soil

	No data available on this product.
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12.4. Results of PBT and vPvB assessment

	Not applicable.
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12.5. Other adverse effects

	No other relevant information available.
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Further information

	A moderate biochemical oxygen demand will result in short term oxygen depletion in the aquatic environment.
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140312 Mydoneg RA Bleach Replenisher T/M 2x5L

Revision 4

Revision date 2021-09-07

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.
- 14 - IATA.

Text of risk phrases in Section 3

- R10 - Flammable
- R34 - Causes burns.
- R35 - Causes severe burns.
- R36/38 - Irritating to eyes and skin.
- R50 - Very toxic to aquatic organisms.

Text of Hazard Statements in Section 3

- Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
- Aquatic Acute 1: H400 - Very toxic to aquatic life.
- Flam. Liq. 3: H226 - Flammable liquid and vapour.
- Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.
- Eye Irrit. 2: H319 - Causes serious eye 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.