

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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140187 NatureCare FRC Rinse Tablets 100x5L

Revision 2
Revision date 2017-08-01

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

1.1. Product identifier

| | |
|---------------------|--|
| Product name | 140187 NatureCare FRC Rinse Tablets 100x5L |
|---------------------|--|

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

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| 2.1.1. Classification - 1999/45/EC | Xn; R22 Xi; R36/37 N; R50/53 R31 Symbols: Xn: Harmful. N: Dangerous for the environment. |
| Main hazards | Harmful if swallowed. Contact with acids liberates toxic gas. Irritating to eyes and respiratory system. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| 2.1.2. Classification - EC 1272/2008 | Acute Tox. 4: H302; Eye Irrit. 2: H319; STOT SE 3: H335; Aquatic Chronic 1: H410; |

2.2. Label elements

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| Hazard pictograms |  |
| Signal Word | Warning |
| Hazard Statement | Acute Tox. 4: H302 - Harmful if swallowed. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation. Aquatic Chronic 1: H410 - Very 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. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection. |
| Precautionary Statement: Response | P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ if you feel unwell. 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. |

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2.2. Label elements

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|---|--|
| Precautionary Statement: Storage Precautionary Statement: Disposal | P312 - Call a POISON CENTER/doctor/ /if you feel unwell. P330 - Rinse mouth. P337+P313 - If eye irritation persists: Get medical advice/attention. P391 - Collect spillage. |
| | P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up. |
| | 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. |
|--------------------|--------------|-----------|-----------|---------------------------|--------------|--|-----------|
| Trosclosene sodium | 613-030-00-X | 2893-78-9 | 220-767-7 | | 10 - 65% | E; R2 O; R8 Xn; R22 Xi; R36/37 R31 N; R50/53 | |
| Adipic acid | 607-144-00-9 | 124-04-9 | 204-673-3 | | 10 - 40% | Xi; R36 | |
| Sodium carbonate | 011-005-00-2 | 497-19-8 | 207-838-8 | | 4 - 15% | Xi; R36 | |

EC 1272/2008

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification | M-factor. |
|--------------------|--------------|-----------|-----------|---------------------------|--------------|--|-----------|
| Trosclosene sodium | 613-030-00-X | 2893-78-9 | 220-767-7 | | 10 - 65% | Ox. Sol. 2: H272; Acute Tox. 4: H302; Eye Irrit. 2: H319; STOT SE 3: H335; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; | |
| Adipic acid | 607-144-00-9 | 124-04-9 | 204-673-3 | | 10 - 40% | Eye Irrit. 2: H319; | |
| Sodium carbonate | 011-005-00-2 | 497-19-8 | 207-838-8 | | 4 - 15% | Eye Irrit. 2: H319; | |

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

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| | Use extinguishing media appropriate to the surrounding fire conditions. |
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5.3. Advice for firefighters

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| | Self-contained breathing apparatus. |
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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| | Wear suitable gloves. safety glasses with side-shields. Ensure adequate ventilation of the working area. |
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6.2. Environmental precautions

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| | 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

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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.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep away from incompatible materials.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

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 | Tablet |
| Colour | White |
| Odour | Chlorine |
| Odour threshold | Not applicable. |
| pH | 5 - 6 |
| Initial boiling point | Not applicable. |
| Flash point | Not applicable. |
| Evaporation rate | Not applicable. |
| Flammability (solid, gas) | Not applicable. |
| Upper Explosive Limit | Not applicable. |
| Lower Explosive Limit | Not applicable. |
| Vapour pressure | Not applicable. |
| Vapour density | Not applicable. |
| Partition coefficient (n-octanol/water) | 0 |
| Viscosity | Not applicable. |
| Solubility | Soluble in water |

9.2. Other information

Specific gravity Not applicable.

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.4. Conditions to avoid

Avoid contact with: Strong acids, Strong oxidising agents.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Irritant.

Skin corrosion/irritation

Irritating to skin.

Serious eye damage/irritation

Irritant.

11.1.4. Toxicological Information

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11.1.4. Toxicological Information

| | | |
|---|---|------------------------|
| 140187 NatureCare FRC Rinse Tablets 100x5L | Inhalation Rat LC50/4 h: 0.27 - 1.17 mg | Oral Rat LD50: 2813 mg |
| | Dermal Rabbit LD50: > 5000 mg | |

SECTION 12: Ecological information

12.1. Toxicity

| | | |
|---|---|--|
| 140187 NatureCare FRC Rinse Tablets 100x5L | Rainbow trout LC50/96h: 0.13 -0.36 mg/L | Bluegill sunfish LC50/96h: 0.25 - 1.0 mg/L |
| | | |

Further information

Avoid release to the environment.

SECTION 13: Disposal considerations

Disposal methods

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

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

Further information

This product has been classified according to the hazard criteria of the CPR and MSDS contains all the information required by the CPR.

SECTION 16: Other information

Other information

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| Revision | <p>This document differs from the previous version in the following areas:</p> <ul style="list-style-type: none"> 2 - Hazard pictograms. 9 - 9.1. Information on basic physical and chemical properties (PH). 9 - 9.1. Information on basic physical and chemical properties (Initial boiling 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 (Vapour pressure). 9 - 9.1. Information on basic physical and chemical properties (Viscosity). 9 - 9.1. Information on basic physical and chemical properties (Vapour density). |
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Other information

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|--|---|
| | <p>9 - 9.1. Information on basic physical and chemical properties (Evaporation rate).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Upper Explosive Limit).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Lower Explosive Limit).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Partition coefficient (n-octanol/water)).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Odour threshold).</p> <p>9 - 9.2. Other information (Specific gravity).</p> <p>12 - 12.1. Toxicity.</p> |
| <p>Text of risk phrases in Section 3</p> | <p>R2 - Risk of explosion by shock, friction, fire or other sources of ignition.</p> <p>R8 - Contact with combustible material may cause fire.</p> <p>R22 - Harmful if swallowed.</p> <p>R31 - Contact with acids liberates toxic gas.</p> <p>R36/37 - Irritating to eyes and respiratory system.</p> <p>R36 - Irritating to eyes.</p> <p>R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> |
| <p>Text of Hazard Statements in Section 3</p> | <p>EUH031 - Contact with acids liberates toxic gas.</p> <p>Ox. Sol. 2: H272 - May intensify fire; oxidiser.</p> <p>Acute Tox. 4: H302 - Harmful if swallowed.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p> <p>STOT SE 3: H335 - May cause respiratory irritation.</p> <p>Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.</p> |

Further information

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|--|---|
| | <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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