

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Pro 59 Concentrated Biological Algae & Moss Remover

Revision 0

Revision date 2014-01-24

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

1.1. Product identifier

Product name Pro 59 Concentrated Biological Algae & Moss Remover

1.3. Details of the supplier of the safety data sheet

| | |
|--|--|
| Company | Cleantec Innovation Limited |
| Address | Cleantec House Building 356 Discovery Park Ramsgate Road Sandwich Kent CT13 9ND United Kingdom |
| Web | www.cleantecinnovation.com |
| Telephone | +44 (0) 1304 897610 |
| Fax | +44 (0) 1304 897624 |
| Email | info@cleantecinnovation.com |
| Email address of the competent person | info@cleantecinnovation.com |

1.4. Emergency telephone number

Emergency telephone number +44 (0) 8707 337733
8.30am to 4.30pm Mon - Fri

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC Xi; R41-43
Symbols: Xi: Irritant.

2.2. Label elements

Symbols Xi: Irritant.



Safety phrases

S24/25 - Avoid contact with skin and eyes.
S36/37 - Wear suitable protective clothing and gloves.
S39 - Wear eye/face protection.

Further information

Contains:.. Contains Hexyl Cinnamal may cause allergic reaction. May cause skin and eye irritation.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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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 |
|---|--------------|------------|-----------|---------------------------|--------------|-----------------------------------|
| Primary alcohol ethoxylate (C9-C11 ethoxylated) | | 68439-45-2 | | | 1-5% | Xn; R22 Xi; R41 |
| Primary alcohol ethoxylate (C7-C21 ethoxylated) | | 68991-48-0 | | | 0.1-1% | Xi; R38-41 |
| Quaternary alkyl methyl amine ethoxylate methyl chlorine and 2-methyl-4-isothiazoline-3-one | | | | | 0.1-1% | Xn; R22 Xi; R38-41 N; R50 |
| 1,2-Benzisothiazol-3(2H)-one | 613-088-00-6 | 2634-33-5 | 220-120-9 | | <0.1% | Xn; R22 Xi; R38-41 R43 N; R50 |
| 5-Chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] {3 parts of} and 2-Methyl-4-isothiazolin-3-One [EC No 220-239-6] {1 part of}, mixture of | 613-167-00-5 | 55965-84-9 | | | <0.1% | T; R23/24/25 C; R34 R43 N; R50/53 |
| Hexyl Cinnamal | | 101-86-0 | 202-983-3 | | <0.1% | Xi; R43 N; R50/53 |

SECTION 4: First aid measures

4.1. Description of first aid measures

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| Inhalation | Move the exposed person to fresh air. |
| Eye contact | Rinse immediately with plenty of water for several minutes holding the eyelids open. |
| Skin contact | Wash off immediately with plenty of soap and water. Remove contaminated clothing. |
| Ingestion | Rinse mouth thoroughly. |

General information

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| | Seek medical attention if irritation or symptoms persist. |
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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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| | Wear suitable respiratory equipment when necessary. |
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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| | Wear suitable protective clothing. |
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6.2. Environmental precautions

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| | Do not allow large amounts of concentrated product to enter drains. Prevent further spillage if safe. |
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6.3. Methods and material for containment and cleaning up

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| | Small spillages can be washed to drain. For larger spillages, absorb with inert material and sweep up. 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

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| | Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing. |
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7.2. Conditions for safe storage, including any incompatibilities

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| | Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled |
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7.2. Conditions for safe storage, including any incompatibilities

containers.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

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| 8.2.1. Appropriate engineering controls | Ensure adequate ventilation of the working area. |
| 8.2.2. Individual protection measures | Wash all contaminated clothing before reuse. |
| Eye / face protection | Approved safety goggles. If aerosol generated, wear suitable half mask respirator with filter P2 (EN143). |
| Skin protection - Handprotection | As a precaution wear chemical resistant gloves (PVC, neoprene or butyl). |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|------------------|-------------------|
| State | Liquid |
| Colour | Opaque |
| Odour | Floral |
| pH | 8 - 10 |
| Boiling point | 100 |
| Relative density | 1 |
| Solubility | Miscible in water |

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

SECTION 11: Toxicological information

11.1.4. Toxicological Information

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

The surfactants in this preparation comply with the biodegradability criteria as laid down in Regulation EC 648/2004 on detergents. Data to support this statement are held at the disposal of the competent authorities of the Member States.

Further information

The product is non-hazardous to the environment and readily biodegradable.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

ADR/RID

The product is not classified as dangerous for carriage.

IMDG

The product is not classified as dangerous for carriage.

IATA

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| | |
|------|--|
| IATA | |
| | 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

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| Regulations | <p>COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p> <p>REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p> |
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15.2. Chemical safety assessment

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| | <p>S24/25 - Avoid contact with skin and eyes.</p> <p>S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.</p> |
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SECTION 16: Other information

Other information

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| Text of risk phrases in Section 3 | <p>R22 - Harmful if swallowed.</p> <p>R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed.</p> <p>R34 - Causes burns.</p> <p>R38 - Irritating to skin.</p> <p>R41 - Risk of serious damage to eyes.</p> <p>R43 - May cause sensitisation by skin contact.</p> <p>R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R50 - Very toxic to aquatic organisms.</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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