

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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ALGIZIN P (SDS)

Revision 1

Revision date 2015-08-19

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

1.1. Product identifier

Product name ALGIZIN P (SDS)

1.3. Details of the supplier of the safety data sheet

| | |
|---------------------------------------|---|
| Company | Waterlife Research Industries Ltd |
| Address | Bath Road Longford Middlesex UB7 0ED United Kingdom |
| Web | www.waterlife.co.uk |
| Telephone | 00 44 (0)1753 685696 |
| Fax | 00 44 (0)1753 685437 |
| Email address of the competent person | info@waterlife.co.uk |

1.4. Emergency telephone number


| | |
|----------------------------|---|
| Emergency telephone number | 00 44 (0)1753 685696 9.00am - 5.00pm |
|----------------------------|---|

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| | |
|--------------------------------------|--|
| 2.1.2. Classification - EC 1272/2008 | Skin Irrit. 2: H315; Eye Irrit. 2: H319; |
|--------------------------------------|--|

2.2. Label elements

| | |
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| Hazard pictograms |  |
| Signal Word | Warning |
| Hazard Statement | Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. |
| Precautionary Statement: Prevention | P264 - Wash thoroughly after handling. 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). P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. |

SECTION 3: Composition/information on ingredients

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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 | M-factor. |
|---|-----------|------------|--------|---------------------------|--------------|--------------------------|-----------|
| Alkyl(C12-6)dimethylbenzylammonium chloride | | 68424-85-1 | | | 1 - 10% | C; R34 Xn; R21/22 N; R50 | |

EC 1272/2008

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification | M-factor. |
|---|--------------|------------|-----------|---------------------------|--------------|---|-----------|
| Water | | 7732-18-5 | 231-791-2 | | 90 - 100% | | |
| Alkyl(C12-6)dimethylbenzylammonium chloride | | 68424-85-1 | | | 1 - 10% | Acute Tox. 4: H302; Acute Tox. 4: H312; Skin Corr. 1B: H314; Aquatic Acute 1: H400; | |
| Methylene blue 2B | | 61-73-4 | | | 0 - 0.5% | Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335; | |
| Citric acid | | 5949-29-1 | 201-069-1 | | 0 - 0.5% | Eye Irrit. 2: H319; | |
| malachite green oxalate | 602-096-00-5 | 2437-29-8 | 219-441-7 | | 0 - 0.5% | Repr. 2: H361d; Acute Tox. 4: H302; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; | |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|--------------|---|
| Inhalation | May cause irritation to mucous membranes. Move the exposed person to fresh air. |
| Eye contact | May cause irritation 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 | May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. |
| Ingestion | May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist. |

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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5.2. Special hazards arising from the substance or mixture

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| | Burning produces irritating, toxic and obnoxious fumes. |
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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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| | Ensure adequate ventilation of the working area. |
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6.2. Environmental precautions

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| | 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

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| | Absorb with inert, absorbent material. 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. Ensure adequate ventilation of the working area. 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 containers. |
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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 | Wear protective clothing. |
| Eye / face protection | In case of splashing, wear: Approved safety goggles. |
| Skin protection - Handprotection | Chemical resistant gloves (PVC). |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------------|-------------------------------------|
| Appearance | Liquid |
| Colour | Blue |
| Odour | Slight |
| Freezing Point | 0 °C |
| Initial boiling point | 100 °C |
| Relative density | 1.04 (H ₂ O = 1 @ 20 °C) |
| Solubility | Soluble in water |

SECTION 10: Stability and reactivity

10.2. Chemical stability

| | |
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| | Stable under normal conditions. |
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SECTION 11: Toxicological information

11.1.4. Toxicological Information

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| | No data available |
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SECTION 12: Ecological information

12.1. Toxicity

| | |
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| | No data available |
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SECTION 13: Disposal considerations

General information

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| | Dispose of in compliance with all local and national regulations. |
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SECTION 14: Transport information

14.1. UN number

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| | The product is not classified as dangerous for carriage. |
|--|--|

14.2. UN proper shipping name

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|--|--|
| | The product is not classified as dangerous for carriage. |
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14.3. Transport hazard class(es)

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|--|--|
| | The product is not classified as dangerous for carriage. |
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14.4. Packing group

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| | The product is not classified as dangerous for carriage. |
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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

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

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| Regulations | 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. |
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SECTION 16: Other information

Other information

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|---|--|
| Revision | This document differs from the previous version in the following areas: 12 - 12.1. Toxicity. |
| Text of risk phrases in Section 3 | R21/22 - Harmful in contact with skin and if swallowed. R34 - Causes burns. R50 - Very toxic to aquatic organisms. |
| Text of Hazard Statements in Section 3 | Acute Tox. 4: H302 - Harmful if swallowed. Acute Tox. 4: H312 - Harmful in contact with skin. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Aquatic Acute 1: H400 - Very toxic to aquatic life. Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation. Eye Dam. 1: H318 - Causes serious eye damage. Repr. 2: H361d - Suspected of damaging the unborn child. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. |

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.