

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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ALGIZIN G

Revision 0

Revision date 2015-08-21

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

1.1. Product identifier

Product name ALGIZIN G

1.2. Relevant identified uses of the substance or mixture and uses advised against

Description To be used as an ornamental fish treatment only. Not to be used with animals intended for human consumption.

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| | |
|---|--|
| 2.1.1. Classification - 1999/45/EC | Xi; R43 Symbols: Xi: Irritant. |
| Main hazards | May cause sensitisation by skin contact. |
| 2.1.2. Classification - EC 1272/2008 | Skin Sens. 1: H317; Carc. 1B: H350; |

2.2. Label elements

| | |
|--|---|
| Hazard pictograms |  |
| Signal Word | Danger |
| Hazard Statement | Skin Sens. 1: H317 - May cause an allergic skin reaction. Carc. 1B: H350 - May cause cancer . |
| Precautionary Statement: Prevention | P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P272 - Contaminated work clothing should not be allowed out of the workplace. |

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2.2. Label elements

| | |
|-----------------------------------|---|
| Precautionary Statement: Response | P280 - Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 - IF ON SKIN: Wash with plenty of water/ . P308+P313 - IF exposed or concerned: Get medical advice/attention. P321 - Specific treatment (see on this label). P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. |
| Precautionary Statement: Storage | P405 - Store locked up. |
| Precautionary Statement: Disposal | P501 - Dispose of contents/container to |

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. |
|---------------------------------|--------------|---------|-----------|---------------------------|--------------|---|-----------|
| Formaldehyde...% (Formaldehyde) | 605-001-00-5 | 50-00-0 | 200-001-8 | | 0 - 0.5% | Carc. Cat. 3; R40 T; R23/24/25 C; R34 R43 | |

EC 1272/2008

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification | M-factor. |
|---------------------------------|--------------|---------|-----------|---------------------------|--------------|---|-----------|
| Formaldehyde...% (Formaldehyde) | 605-001-00-5 | 50-00-0 | 200-001-8 | | 0 - 0.5% | Carc. 1B: H350; Muta. 2: H341; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; Skin Corr. 1B: H314; Skin Sens. 1: H317; | |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|--------------|--|
| Inhalation | If you feel unwell, seek medical advice (show the label where possible). |
| Eye contact | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Avoid contact with eyes. |
| Skin contact | After contact with skin, wash immediately with plenty of soap and water. Avoid contact with skin. If you feel unwell, seek medical advice (show the label where possible). |
| Ingestion | If swallowed, rinse mouth with water (only if the person is conscious). Seek medical attention. |

General information

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|--|--------------------|
| | No data available. |
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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. |
|--|---|

5.2. Special hazards arising from the substance or mixture

| | |
|--|---|
| | Toxic fumes may be formed in fire conditions. |
|--|---|

5.3. Advice for firefighters

| | |
|--|-------------------------------------|
| | Self-contained breathing apparatus. |
|--|-------------------------------------|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
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| | Approved safety goggles. Avoid contact with eyes and skin. Wear suitable protective clothing and gloves. |
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6.2. Environmental precautions

| | |
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| | Do not empty into drains; dispose of this material and its container in a safe way. Prevent further |
|--|---|

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6.2. Environmental precautions

spillage if safe.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Clean spillage area thoroughly with plenty of water. Empty containers can be sent for disposal or recycling.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.

7.2. Conditions for safe storage, including any incompatibilities

Do NOT allow to freeze. Keep away from food, drink and animal feedingstuffs. Keep container tightly closed. Keep in a cool, dry, well ventilated area.

7.3. Specific end use(s)

Apart from uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No data available.

8.1.1. Exposure Limit Values

| | | |
|------------------------------------|--|--|
| Formaldehyde...% (Formaldehyde) | WEL 8-hr limit ppm: 2 | WEL 8-hr limit mg/m3: 2.5 |
| | WEL 15 min limit ppm: 2 | WEL 15 min limit mg/m3: 2.5 |
| | WEL 8-hr limit mg/m3 total - inhalable dust: | WEL 15 min limit mg/m3 total - inhalable dust: |
| | WEL 8-hr limit mg/m3 total - respirable dust: | WEL 15 min limit mg/m3 total - respirable dust: |
| | | |

DNEL: Derived no-effect level.

No data available.

Exposure Pattern - Workers

No data available.

Exposure Pattern - General population

No data available.

8.2. Exposure controls

| | |
|--|---|
| 8.2.2. Individual protection measures Eye / face protection Skin protection - Handprotection Skin protection - Other | Ensure adequate ventilation of the working area. |
| | Wear suitable gloves and eye/face protection. Wear suitable protective equipment. |
| | Eye protection. Eye wash bottle with water. |
| | Wear suitable gloves. Wash hands after handling the product. |
| 8.2.3. Environmental exposure controls | Wear suitable protective clothing. |
| | Do not empty into drains; dispose of this material and its container in a safe way. |

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

| | |
|-----------------------|-------------------|
| Appearance | Liquid |
| Colour | Brown |
| Odour | Mild/Aromatic |
| pH | 2.6 |
| Melting point | 0 |
| Freezing Point | 0 |
| Initial boiling point | 100 |
| Odour threshold | No data available |
| Evaporation rate | No data available |
| Vapour pressure | No data available |
| Vapour density | No data available |
| Fat Solubility | No data available |
| Viscosity | No data available |
| Solubility | Soluble in water |

9.2. Other information

| | |
|----------------------------------|-------------------|
| Specific gravity | 1.13 |
| Gas group | No data available |
| Benzene Content | No data available |
| Lead content | No data available |
| VOC (Volatile organic compounds) | No data available |
| Conductivity | No data available |
| Surface tension | No data available |

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Burning produces irritating, toxic and obnoxious fumes.

10.4. Conditions to avoid

Direct sunlight. Do NOT allow to freeze. Heat.

10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidising agents.

10.6. Hazardous decomposition products

Burning produces irritating, toxic and obnoxious fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin Contact: There may be irritation and redness at site of contact.
 Eye Contact: There may be irritation and redness. Eyes may water profusely.
 Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

11.1.4. Toxicological Information

| | | |
|-----------|----------------------|---------------------------|
| ALGIZIN G | Oral Rat LD50: >5000 | Dermal Rabbit LD50: >5000 |
|-----------|----------------------|---------------------------|

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SECTION 12: Ecological information**12.1. Toxicity**

| | | |
|-----------|-----------------------|--------------------------------|
| ALGIZIN G | Daphnia LC50/48h: 390 | Fathead minnows LC50/96h: 70.7 |
|-----------|-----------------------|--------------------------------|

12.2. Persistence and degradability

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| | No data available. |
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12.3. Bioaccumulative potential

| | |
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| | No data available. |
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12.4. Mobility in soil

| | |
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| | Miscible in water. |
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12.5. Results of PBT and vPvB assessment

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| | No data available. |
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12.6. Other adverse effects

| | |
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| | No data available. |
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Further information

| | |
|--|---------------------------------------|
| | Do not allow product to enter drains. |
|--|---------------------------------------|

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

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| | Dispose of in compliance with all regional and national regulations regarding disposal. |
|--|---|

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

| | |
|--|--|
| | 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

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

14.6. Special precautions for user

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

| | |
|--|--|
| | 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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15.2. Chemical safety assessment

No data available.

SECTION 16: Other information

Other information

| | |
|-----------------------------------|--|
| Text of risk phrases in Section 3 | R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed. R34 - Causes burns. R40 - Limited evidence of a carcinogenic effect. R43 - May cause sensitisation by skin contact. |
|-----------------------------------|--|