

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/7

CUPRAZIN 100ml and 250ml

Revision 3

Revision date 2015-08-20

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

1.1. Product identifier

| | |
|---------------------|--------------------------|
| Product name | CUPRAZIN 100ml and 250ml |
|---------------------|--------------------------|

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 9.00am - 5.00pm |
|-----------------------------------|---|

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| | |
|---|---|
| 2.1.1. Classification - 1999/45/EC | R52/53 Symbols: Xi: Irritant. N: Dangerous for the environment. |
| Main hazards | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| 2.1.2. Classification - EC 1272/2008 | Carc. 1B: H350; Aquatic Chronic 3: H412; |

2.2. Label elements

| | |
|--|--|
| Hazard pictograms |  |
| Signal Word | Danger |
| Hazard Statement | Carc. 1B: H350 - May cause cancer . Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects. |
| Precautionary Statement: Prevention | P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P273 - Avoid release to the environment. |

CUPRAZIN 100ml and 250ml

Revision 3

Revision date 2015-08-20

2.2. Label elements

| | |
|--------------------------------------|---|
| Precautionary Statement: Response | P280 - Wear protective gloves/protective clothing/eye protection/face protection. |
| | P308+P313 - IF exposed or concerned: Get medical advice/attention. |
| | P405 - Store locked up. |
| 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. |
|---------------------------------|--------------|-----------|-----------|---------------------------|--------------|---|-----------|
| Copper sulphate | 029-004-00-0 | 7758-98-7 | 231-847-6 | | 1 - 10% | Xn; R22 Xi; R36/38 N; R50/53 | |
| 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. |
|---------------------------------|--------------|-----------|-----------|---------------------------|--------------|---|-----------|
| Copper sulphate | 029-004-00-0 | 7758-98-7 | 231-847-6 | | 1 - 10% | Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; | |
| 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; | |
| Zinc sulphate heptahydrate | | 7446-20-0 | 231-793-3 | | 0 - 0.5% | 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 | 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

| | |
|--|--------------------|
| | No data available. |
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SECTION 5: Firefighting measures

5.1. Extinguishing media

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

CUPRAZIN 100ml and 250ml

Revision 3

Revision date 2015-08-20

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. |
|--|--|

6.2. Environmental precautions

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

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| | 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. |
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Exposure Pattern - General population

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

8.2. Exposure controls

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

CUPRAZIN 100ml and 250ml

Revision 3

Revision date 2015-08-20

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

| | |
|----------------------------------|-------------------|
| Colour | Blue |
| Odour | Characteristic |
| Odour threshold | No data available |
| pH | No data available |
| Melting point | 0 |
| Freezing Point | 0 °C |
| Initial boiling point | 100 °C |
| Flash point | No data available |
| Evaporation rate | No data available |
| Flammability (solid, gas) | No data available |
| Vapour pressure | No data available |
| Vapour density | No data available |
| Relative density | 1.001 |
| Fat Solubility | No data available |
| Partition coefficient | No data available |
| Autoignition temperature | No data available |
| Viscosity | No data available |
| Explosive properties | No data available |
| Oxidising properties | No data available |
| Solubility | Soluble in water |

9.2. Other information

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

CUPRAZIN 100ml and 250ml

Revision 3

Revision date 2015-08-20

11.1. Information on toxicological effects

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

| | |
|-----------------|-------------------------|
| Copper sulphate | Oral Rat LD50: 300mg/kg |
|-----------------|-------------------------|

SECTION 12: Ecological information

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

Partition coefficient

| | | | |
|--------------------------|-------------------|-----------------|-------------------|
| CUPRAZIN 100ml and 250ml | No data available | Copper sulphate | No data available |
|--------------------------|-------------------|-----------------|-------------------|

12.4. Mobility in soil

Miscible in water.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

Further information

Do not allow product to enter drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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

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.

CUPRAZIN 100ml and 250ml

Revision 3

Revision date 2015-08-20

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.

15.2. Chemical safety assessment

No data available.

SECTION 16: Other information**Other information**

| | |
|---|---|
| Revision | <p>This document differs from the previous version in the following areas:.</p> <ul style="list-style-type: none"> 2 - 2.1.2. Classification - EC 1272/2008. 2 - Hazard pictograms. 2 - Signal Word. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Storage. 2 - Precautionary Statement: Disposal. 9 - 9.1. Information on basic physical and chemical properties (PH). 9 - 9.1. Information on basic physical and chemical properties (Melting 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 (Autoignition temperature). 9 - 9.1. Information on basic physical and chemical properties (Explosive properties). 9 - 9.1. Information on basic physical and chemical properties (Oxidising properties). 9 - 9.1. Information on basic physical and chemical properties (Vapour pressure). 9 - 9.1. Information on basic physical and chemical properties (Relative density). 9 - 9.1. Information on basic physical and chemical properties (Viscosity). 9 - 9.1. Information on basic physical and chemical properties (Vapour density). 9 - 9.1. Information on basic physical and chemical properties (Evaporation rate). 9 - 9.1. Information on basic physical and chemical properties (Fat Solubility). 9 - 9.1. Information on basic physical and chemical properties (Solubility). 9 - 9.1. Information on basic physical and chemical properties (Odour threshold). 9 - 9.2. Other information (Conductivity). 9 - 9.2. Other information (Partition coefficient). 9 - 9.2. Other information (Gas group). 9 - 9.2. Other information (Surface tension). 9 - 9.2. Other information (Benzene Content). 9 - 9.2. Other information (Product Subcategory). 9 - 9.2. Other information (Specific gravity). 9 - 9.2. Other information (Lead content). 12 - 12.1. Toxicity. 16 - Maximum content of VOC. |
| Text of risk phrases in Section 3 | <p>R22 - Harmful if swallowed. R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed. R34 - Causes burns. R36/38 - Irritating to eyes and skin. R40 - Limited evidence of a carcinogenic effect. R43 - May cause sensitisation by skin contact. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> |
| Text of Hazard Statements in Section 3 | <p>Acute Tox. 4: H302 - Harmful if swallowed. Skin Irrit. 2: H315 - Causes skin irritation.</p> |

CUPRAZIN 100ml and 250ml

Revision 3

Revision date 2015-08-20

Other information

| | |
|--|--|
| | Eye Irrit. 2: H319 - Causes serious eye irritation. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. Eye Dam. 1: H318 - Causes serious eye damage. Aquatic Acute 1: H400 - Very toxic to aquatic life. |
|--|--|
