

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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CUPRAZIN 1Litre and 500ml

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 1Litre and 500ml
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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.
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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
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	Xi; R43 N; R51/53 Symbols: Xi: Irritant. N: Dangerous for the environment.
Main hazards	May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
2.1.2. Classification - EC 1272/2008	Skin Sens. 1: H317; Eye Irrit. 2: H319; Carc. 1B: H350; Aquatic Chronic 2: H411;

2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Irrit. 2: H319 - Causes serious eye irritation. Carc. 1B: H350 - May cause cancer . Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

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2.2. Label elements

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. P264 - Wash thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. 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. 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. P337+P313 - If eye irritation persists: Get medical advice/attention. P391 - Collect spillage.
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		0.5 - 1%	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		0.5 - 1%	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;	
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	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.

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General information

No data available.

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

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

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.
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8.2. Exposure controls

8.2.2. Individual protection measures	Ensure adequate ventilation of the working area.
Eye / face protection	Wear suitable gloves and eye/face protection. Wear suitable protective equipment.
Skin protection - Handprotection	Eye protection. Eye wash bottle with water.
Skin protection - Other	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

Colour	Blue
Odour	Characteristic
Odour threshold	No data available
pH	No data available
Melting point	0
Freezing Point	0
Initial boiling point	100
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
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.
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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	Burning produces irritating, toxic and obnoxious fumes.
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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

Copper sulphate	Oral Rat LD50: 300mg/kg
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SECTION 12: Ecological information

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

Partition coefficient

CUPRAZIN 1Litre and 500ml	No data available	Copper sulphate	No data available
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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.

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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**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**

This document differs from the previous version in the following areas:.

- 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 (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.

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Other information

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. 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. Repr. 2: H361d - Suspected of damaging the unborn child.</p>