

## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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### STERAZIN 100ml and 250ml

Revision 1

Revision date 2015-08-20

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

##### 1.1. Product identifier

Product name	STERAZIN 100ml and 250ml
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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

2.1.2. Classification - EC 1272/2008	Carc. 1B: H350;
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##### 2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	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. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P308+P313 - IF exposed or concerned: Get medical advice/attention.
Precautionary Statement: Storage	P405 - Store locked up.

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## 2.2. Label elements

Precautionary Statement: Disposal	P501 - Dispose of contents/container to
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## 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	
malachite green oxalate	602-096-00-5	2437-29-8	219-441-7		0 - 0.5%	Repr. Cat. 3; R63 Xn; R22 Xi; R41 N; R50/53	

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Piperazine citrate		144-29-6			0 - 0.5%	Skin Sens. 1: H317; Eye Irrit. 2: H319; STOT SE 3: H335;	
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: H301; Skin Corr. 1B: H314; Skin Sens. 1: H317;	
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.

## 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.
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## 5.2. Special hazards arising from the substance or mixture

	Toxic fumes may be formed in fire conditions.
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## 5.3. Advice for firefighters

	Self-contained breathing apparatus.
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## 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.
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## 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.
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## 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

	Ensure adequate ventilation of the working area.
<b>8.2.2. Individual protection measures</b>	Wear suitable gloves and eye/face protection. Wear suitable protective equipment.
<b>Eye / face protection</b>	Eye protection. Eye wash bottle with water.
<b>Skin protection - Handprotection</b>	Wear suitable gloves. Wash hands after handling the product.
<b>Skin protection - Other</b>	Wear suitable protective clothing.
<b>8.2.3. Environmental exposure controls</b>	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

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

## 9.2. Other information

<b>Conductivity</b>	No data available
<b>Surface tension</b>	No data available
<b>Gas group</b>	No data available
<b>Benzene Content</b>	No data available
<b>Lead content</b>	No data available
<b>VOC (Volatile organic compounds)</b>	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.

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## 11.1. Information on toxicological effects

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

**SECTION 12: Ecological information**

## 12.2. Persistence and degradability

No data available.

## 12.3. Bioaccumulative potential

No data available.

## Partition coefficient

**STERAZIN 100ml and 250ml** No data available

**malachite green oxalate** 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.

**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,

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

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"> <li>2 - 2.1.2. Classification - EC 1272/2008.</li> <li>2 - Hazard pictograms.</li> <li>2 - Signal Word.</li> <li>2 - Precautionary Statement: Prevention.</li> <li>2 - Precautionary Statement: Response.</li> <li>2 - Precautionary Statement: Storage.</li> <li>2 - Precautionary Statement: Disposal.</li> <li>9 - 9.1. Information on basic physical and chemical properties (PH).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Initial boiling point).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Melting point).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Flash point).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Flammability (solid, gas)).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Autoignition temperature).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Explosive properties).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Oxidising properties).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Vapour pressure).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Relative density).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Viscosity).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Vapour density).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Evaporation rate).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Freezing Point).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Fat Solubility).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Solubility).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Odour threshold).</li> <li>9 - 9.2. Other information (Conductivity).</li> <li>9 - 9.2. Other information (Partition coefficient).</li> <li>9 - 9.2. Other information (Gas group).</li> <li>9 - 9.2. Other information (Surface tension).</li> <li>9 - 9.2. Other information (Benzene Content).</li> <li>9 - 9.2. Other information (Product Subcategory).</li> <li>9 - 9.2. Other information (Lead content).</li> <li>12 - 12.1. Toxicity.</li> <li>16 - Maximum content of VOC.</li> </ul>
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.  R40 - Limited evidence of a carcinogenic effect.  R41 - Risk of serious damage to eyes.  R43 - May cause sensitisation by skin contact.  R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  R63 - Possible risk of harm to the unborn child.</p>
Text of Hazard Statements in Section 3	<p>Skin Sens. 1: H317 - May cause an allergic skin reaction.  Eye Irrit. 2: H319 - Causes serious eye irritation.  STOT SE 3: H335 - May cause respiratory irritation.  Acute Tox. 4: H302 - Harmful if swallowed.</p>

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**Other information**

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	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.
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