

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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BACTERLIFE 100ml, 250ml, 500ml and 1 Litre

Revision 2

Revision date 2015-08-21

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

1.1. Product identifier

Product name	BACTERLIFE 100ml, 250ml, 500ml and 1 Litre
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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
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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 Symbols: Xi: Irritant.
Main hazards	May cause sensitisation by skin contact.

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.
5-Chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] {3 parts of} and 2-Methyl-4-isothiazolin-3-one [EC No 220-239-6] {1 part of}, mixture of	613-167-00-5	55965-84-9			0 - 0.5%	T; R23/24/25 C; R34 R43 N; R50/53	

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).
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4.1. Description of first aid measures

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.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.
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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.
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7.3. Specific end use(s)

	Apart from uses mentioned in section 1.2 no other specific uses are stipulated.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

	No data available.
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DNEL: Derived no-effect level.

	No data available.
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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.
	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	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

Appearance	Liquid
Colour	Clear/Cream
Odour	Mild/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
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.
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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.
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10.5. Incompatible materials

	Strong acids. Strong bases. Strong oxidising agents.
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10.6. Hazardous decomposition products

	Burning produces irritating, toxic and obnoxious fumes.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

	<p>Skin Contact: There may be irritation and redness at site of contact.</p> <p>Eye Contact: There may be irritation and redness. Eyes may water profusely.</p> <p>Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.</p>
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SECTION 12: Ecological information

12.2. Persistence and degradability

	No data available.
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12.3. Bioaccumulative potential

	No data available.
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Partition coefficient

	<p>BACTERLIFE 100ml, 250ml, 500ml and 1 Litre</p> <p>No data available</p>
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12.4. Mobility in soil

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

	No data available.
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12.6. Other adverse effects

	No data available.
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Further information

	Do not allow product to enter drains.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

	Dispose of in compliance with all regional and national regulations regarding disposal.
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SECTION 14: Transport information

14.1. UN number

	The product is not classified as dangerous for carriage.
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14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
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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.
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14.5. Environmental hazards

	The product is not classified as dangerous for carriage.
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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.
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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.
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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"> 9 - 9.1. Information on basic physical and chemical properties (PH). 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 (Freezing Point). 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. 15 - Labelling. 15 - Symbols. 16 - Maximum content of VOC.
Text of risk phrases in Section 3	<p>R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed.</p> <p>R34 - Causes burns.</p> <p>R43 - May cause sensitisation by skin contact.</p> <p>R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p>