

## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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### 8.3 BUFFER 5kg and 230g

Revision 1

Revision date 2015-08-24

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

##### 1.1. Product identifier

**Product name** 8.3 BUFFER 5kg and 230g

##### 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

<b>Company</b>	Waterlife Research Industries Ltd
<b>Address</b>	Bath Road Longford Middlesex UB7 0ED United Kingdom
<b>Web</b>	www.waterlife.co.uk
<b>Telephone</b>	00 44 (0)1753 685696
<b>Fax</b>	00 44 (0)1753 685437
<b>Email address of the competent person</b>	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

**2.1.2. Classification - EC 1272/2008** Eye Irrit. 2: H319;

##### 2.2. Label elements

###### Hazard pictograms



###### Signal Word

Warning

###### Hazard Statement

Eye Irrit. 2: H319 - Causes serious eye irritation.

###### Precautionary Statement: Prevention

P264 - Wash thoroughly after handling.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

###### Precautionary Statement: Response

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention.

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

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## 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.
Sodium carbonate	011-005-00-2	497-19-8	207-838-8		10 - 20%	Xi; R36	

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Sodium carbonate	011-005-00-2	497-19-8	207-838-8		10 - 20%	Eye Irrit. 2: H319;	

## 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). Do not breathe dust.
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

	Sweep up. Clean spillage area thoroughly with plenty of water. Transfer to suitable, labelled containers for disposal. 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. Avoid formation of dust. Do not breathe dust.
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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)

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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.
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	Wear suitable gloves and eye/face protection. Wear suitable protective equipment.
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## Eye / face protection

	Eye protection. Eye wash bottle with water.
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Skin protection -  
Handprotection

	Wear suitable gloves. Wash hands after handling the product.
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## Skin protection - Other

	Wear suitable protective clothing.
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## Respiratory protection

	Suitable respiratory equipment.
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## 8.2.3. Environmental exposure controls

	Do not empty into drains; dispose of this material and its container in a safe way.
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**SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Powder/Crystals.
<b>Colour</b>	White
<b>Odour</b>	Odourless
<b>Odour threshold</b>	No data available
<b>pH</b>	8.1 - 8.5
<b>Melting point</b>	No data available
<b>Freezing Point</b>	No data available
<b>Initial boiling point</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Vapour density</b>	No data available
<b>Relative density</b>	No data available
<b>Fat Solubility</b>	No data available
<b>Partition coefficient</b>	No data available
<b>Viscosity</b>	No data available
<b>Solubility</b>	Soluble in water

## 9.2. Other information

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## 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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## 11.1.4. Toxicological Information

	No data available
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## SECTION 12: Ecological information

## 12.1. Toxicity

	No data available
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## 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

	8.3 BUFFER 5kg and 230g No data available	Sodium carbonate No data available
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## 12.4. Mobility in soil

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

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## 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, 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.
- 9 - 9.1. Information on basic physical and chemical properties (Initial boiling point).
- 9 - 9.1. Information on basic physical and chemical properties (Melting point).

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## Other information

	<p>9 - 9.1. Information on basic physical and chemical properties (Vapour pressure).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Relative density).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Viscosity).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Vapour density).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Evaporation rate).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Freezing Point).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Fat Solubility).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Solubility).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Odour threshold).</p> <p>9 - 9.2. Other information (Conductivity).</p> <p>9 - 9.2. Other information (Partition coefficient).</p> <p>9 - 9.2. Other information (Gas group).</p> <p>9 - 9.2. Other information (Surface tension).</p> <p>9 - 9.2. Other information (Benzene Content).</p> <p>9 - 9.2. Other information (Product Subcategory).</p> <p>9 - 9.2. Other information (Lead content).</p> <p>11 - 11.1.4. Toxicological Information.</p> <p>12 - 12.1. Toxicity.</p> <p>16 - Maximum content of VOC.</p>
Text of risk phrases in Section 3	R36 - Irritating to eyes.
Text of Hazard Statements in Section 3	Eye Irrit. 2: H319 - Causes serious eye irritation.