

# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## SEA SALT

Revision 1

Revision date 2016-12-20

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

#### 1.1. Product identifier

Product name SEA SALT

#### 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

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Main hazards No Significant Hazard

#### 2.2. Label elements

Risk phrases No Significant Hazard

### 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.
Sodium chloride		7647-14-5	231-598-3		60 - 70%		
Calcium chloride	017-013-00-2	10043-52-4	233-140-8		1 - 10%	Xi; R36	
disodium tetraborate decahydrate	005-011-01-1	1303-96-4	215-540-4		0 - 0.5%	Repr. Cat. 2; R60-61	

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## 3.2. Mixtures

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Sodium chloride		7647-14-5	231-598-3		60 - 70%		
Potassium bromide		7758-02-3			0 - 0.5%		
boric acid	005-007-00-2	10043-35-3	233-139-2		0 - 0.5%	Repr. 1B: H360FD;	
Strontium chloride		10025-70-4	233-971-6		0 - 0.5%		
Magnesium sulphate		7487-88-9			10 - 20%		
Magnesium chloride.		7786-30-3	232-094-6		10 - 20%		
Fish Vitamin Supplement					0 - 0.5%		
Calcium chloride	017-013-00-2	10043-52-4	233-140-8		1 - 10%	Eye Irrit. 2: H319;	
Potassium chloride		7447-40-7	231-211-8		1 - 10%		
Sodium thiosulphate		10102-17-7	231-867-5		0 - 0.5%		
Sodium bicarbonate		144-55-8	205-633-8		0 - 0.5%		
disodium tetraborate decahydrate	005-011-01-1	1303-96-4	215-540-4		0 - 0.5%	Repr. 1B: H360FD;	

## 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.

**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**

Sodium chloride	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m3: 10
	WEL 15 min limit ppm:	WEL 15 min limit mg/m3:
	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**

8.2.2. Individual protection measures Eye / face protection Skin protection - Handprotection Skin protection - Other Respiratory protection	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.
	Wear suitable protective clothing.
8.2.3. Environmental exposure controls	Suitable respiratory equipment.
	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

Appearance	Powder
Colour	White
Odour	Odourless
pH	8 - 8.2
Flash point	No data available
Flammability (solid, gas)	No data available
Autoignition temperature	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
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## 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

Calcium chloride	Oral Rat LD50: 2301mg/kg	Dermal Rabbit LD50: >5000mg/kg
Sodium chloride	Inhalation Rat LC50/1 h: > 42,000	Oral Rat LD50: 3000
	Dermal Rabbit LD50: > 10,000	

## SECTION 12: Ecological information

## 12.1. Toxicity

Calcium chloride	Daphnia EC50/48h: 2400.0000 mg/l	Algae IC50/72h: 2900.0000 mg/l
	Fathead minnows LC50/96h: 4630mg/l	
Sodium chloride	Daphnia EC50/48h: 2024.0000 mg/l	Fish LC50/96h: 6750.0000 mg/l
	Algae EC50/72h: 3014	

## 12.2. Persistence and degradability

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**12.2. Persistence and degradability**

No data available.

**12.3. Bioaccumulative potential**

No data available.

**Partition coefficient****Sodium chloride** 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, 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.

## 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. Classification of the substance or mixture.</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 (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 (Solubility).</li> <li>9 - 9.2. Other information (Conductivity).</li> <li>15 - Labelling.</li> <li>15 - Symbols.</li> <li>15 - Risk phrases.</li> <li>15 - Safety phrases.</li> </ul>
Text of risk phrases in Section 3	<ul style="list-style-type: none"> <li>R36 - Irritating to eyes.</li> <li>R60 - May impair fertility.</li> <li>R61 - May cause harm to the unborn child.</li> </ul>
Text of Hazard Statements in Section 3	<ul style="list-style-type: none"> <li>Repr. 1B: H360FD - May damage fertility. May damage the unborn child.</li> <li>Eye Irrit. 2: H319 - Causes serious eye irritation.</li> </ul>