

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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ULTRAMARINE SEA SALT 10KG and 25KG

Revision 0

Revision date 2018-02-13

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

1.1. Product identifier

Product name	ULTRAMARINE SEA SALT 10KG and 25KG
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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

Main hazards	No Significant Hazard
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2.2. Label elements

Risk phrases	No Significant Hazard
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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.
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		

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%		
Calcium chloride	017-013-00-2	10043-52-4	233-140-8		1 - 10% Eye Irrit. 2: H319;		
disodium tetraborate decahydrate	005-011-01-1	1303-96-4	215-540-4		0 - 0.5% Repr. 1B: H360FD;		

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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Supply fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Rinse immediately with plenty of water.
Ingestion	Drink 1 to 2 glasses of water. Rinse mouth thoroughly. Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Carbon dioxide (CO ₂). Water spray.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area.
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6.2. Environmental precautions

	Do not allow runoff water to enter sewers or drains. Do not flush into surface water.
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6.3. Methods and material for containment and cleaning up

	Sweep up.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Avoid formation of dust. Keep containers tightly closed. Keep in a cool, dry, well ventilated area.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep away from food, drink and animal feedingstuffs. Keep away from water.
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Further information

	Protect from frost. Protect from moisture. Protect from sunlight. Store in a well-ventilated place. Store at temperatures above 5 °C. Store at temperatures below 30 °C.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

	The product does not contain any relevant quantities of materials with critical values which have to be monitored in the workplace.
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8.1.1. Exposure Limit Values

Sodium chloride	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m ³ : 10
	WEL 15 min limit ppm:	WEL 15 min limit mg/m ³ :
	WEL 8-hr limit mg/m ³ total - inhalable dust:	WEL 15 min limit mg/m ³ total - inhalable dust:
	WEL 8-hr limit mg/m ³ total - respirable dust:	WEL 15 min limit mg/m ³ total - respirable dust:

8.2. Exposure controls

	Avoid contact with eyes and skin.
8.2.2. Individual protection measures	Wear suitable gloves and eye/face protection. Protect clothing from contact with the product.

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	Crystals.
Colour	White
Odour	Odourless
Autoignition temperature	
Viscosity	
Explosive properties	
Odour threshold	
pH	
Melting point	
Freezing Point	
Initial boiling point	
Flash point	
Evaporation rate	
Flammability (solid, gas)	
Vapour pressure	
Vapour density	
Relative density	
Fat Solubility	
Partition coefficient	
Solubility	Miscible in water

9.2. Other information

Conductivity	
Surface tension	
Gas group	
Benzene Content	
Lead content	
VOC (Volatile organic compounds)	0

SECTION 10: Stability and reactivity

10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	None.
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10.4. Conditions to avoid

	No further relevant information is available.
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10.5. Incompatible materials

	No further relevant information available.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	No irritation expected.
Serious eye damage/irritation	Irritating to eyes.

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	

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SECTION 12: Ecological information**12.1. Toxicity**

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

12.2. Persistence and degradability

	No further relevant information available.
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12.3. Bioaccumulative potential

	No further relevant information available.
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Partition coefficient

	ULTRAMARINE SEA SALT 10KG and 25KG	Sodium chloride No data available
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12.4. Mobility in soil

	No further relevant information available.
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SECTION 13: Disposal considerations**13.1. Waste treatment methods**

	Do not empty into drains; dispose of this material and its container in a safe way.
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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**

Regulations	EC 1272/2008. GHS label elements,.
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15.2. Chemical safety assessment

	A chemical safety assesment has not been carried out.
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SECTION 16: Other information

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Other information

Text of risk phrases in Section 3	R36 - Irritating to eyes. R60 - May impair fertility. R61 - May cause harm to the unborn child.
Text of Hazard Statements in Section 3	Eye Irrit. 2: H319 - Causes serious eye irritation. Repr. 1B: H360FD - May damage fertility. May damage the unborn child.
Maximum content of VOC	0.