

Safety Data Sheet

In accordance with REACH Regulation EC No.1907/2006

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

1.1. Product identifier

Product name: Dead Sea Salt
CAS number: 7647-14-5
EINECS number: 231-598-3
Synonyms: -
INCI name: Maris Sal/Sea Salt

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance/mixture: Salts for bathtub, raw material in the cosmetic industry.

1.3. Details of the supplier of the safety data sheet

Company name: Bath and Body Base Ltd
2A Laurel Way
Bishop Auckland
Co. Durham
DL14 7NF
Tel: 07493 064263
Email: technical@bathandbodybase.com

1.4. Emergency telephone number

Emergency tel: 07493 064263

Section 2: Hazards identification

2.1. Hazards identification

Adverse human health effects: May irritate eyes.
Not classified as dangerous.

Section 3: Composition/information on ingredients

3.1. Information on ingredients

Information on ingredients: Composition: Magnesium Chloride Hexahydrate 7791-18-6
Weight %: 31-35
EC No.: 2320946 (Anhydrous CAS 7786-30-3)
EU Classification: None

Composition: Other Salts
Weight %: 25-37
EC No.: Not listed
EU Classification: None

Composition: Water of Crystallization
Weight %: 32-40
EC No.: 231-791-2
EU Classification: None

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact:	Remove contaminated clothing and footwear. Wash well with water (if required consult a doctor).
Eye contact:	Immediately flush with large amounts of water for at least 20 minutes. And then consult your doctor.
Ingestion:	Drink several glasses of water. If large quantity is ingested contact doctor. Never give to an unconscious person.
Inhalation:	Move the person afflicted to the fresh air. Let them blow the nose. If any problems occur contact a doctor.

Section 5: Fire-fighting measures

5.1. Special hazards arising from the substance or mixture

Unusual fire and explosion hazards:	When heated to decomposition, may release poisonous and corrosive fumes of HCl.
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5.2. Advice for fire-fighters

Advice for fire-fighters:	In closed doors, provide fire-fighters with self-contained breathing apparatus in positive pressure mode.
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Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions:	Wear appropriate protective gear for the situation.
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6.2. Methods and material for containment and cleaning up

Clean-up procedures:	Sweep away and place into designated suitable package for waste disposal or re-use.
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6.3. Reference to other sections

Reference to other sections:	Refer to Section 8 and 13.
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Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements:	Keep containers tightly closed.
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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions:	Keep in dry well-ventilated place away from incompatible materials (see materials to avoid).
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Section 8: Exposure controls/personal protection**8.1. Control parameters**

Exposure control:	Components: Magnesium Chloride Hexahydrate 7791-18-6 ACGIH-TLV Data: Not determined OSHA (PEL) Data: Not determined
	Components: Other Salts ACGIH-TLV Data: Not determined OSHA (PEL) Data: Not determined
	Components: Water of Crystallization 7732-18-5 ACGIH-TLV Data: Not determined OSHA (PEL) Data: Not determined

8.2. Exposure controls

Ventilation requirements:	Good general ventilation. Ventilation must be sufficient to maintain TLV-TWA below 3mg/m ³ , respirable particles, and 10mg/m ³ , inhalation particles (ACGIH recommendation for Particles (Insoluble or poorly soluble) Not otherwise specified (PNOS)).
PPE - respiratory:	In case of significant or accidental dust emissions, dusk mask should be worn.
PPE - hand protection:	Protective gloves.
PPE - eye protection:	Chemical safety goggles.
PPE – skin/body protection:	Body covering clothes and boots.
Hygiene measures:	Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Safety shower and eye bath should be provided.

Section 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

State:	Crystals
Colour:	White
Odour:	Odourless
Solubility in water:	60g/100g
Bulk density:	1.03 (fine grade), 0.95 (coarse grade) kg/l
Decomposition temp:	>160°C
Melting point/range:	>120°C
Flashpoint:	Not combustible
pH:	8 @ 10% aqueous solution

Section 10: Stability and reactivity**10.1. Reactivity**

Reactivity:	Stable under recommended transport or storage conditions.
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10.2. Chemical stability

Chemical stability: Stable under normal conditions

10.3. Possibility of hazardous reactions

Hazardous polymerization: Will not occur.

10.4. Conditions to avoid

Conditions to avoid: Exposure to moisture. Heating above decomposition temp.

10.5. Incompatible materials

Materials to avoid: Oxidizing agents.

10.6. Hazardous decomposition product

Haz. decomp. products: Oxides of potassium, calcium, magnesium, sodium and HCl.

Section 11: Toxicological information**11.1. Information on toxicological effects**

Acute toxicity: Rat Oral LD50 8,100mg/kg (for MgCl₂)
Mouse Oral LD50 7,600mg/kg (for MgCl₂)

Mutagenicity: Not available.

Carcinogenicity: Not classified by IARC.
Not included in NTP 11th Report on Carcinogens.

Section 12: Ecological information**12.1. Ecological information**

Information on ecological effects: MgCl₂ is a seawater component.

Section 13: Disposal considerations**13.1. Waste treatment methods**

Waste disposal: Observe all state and local environmental regulations when disposing of this material.

Disposal of packaging: Containers can be recycled after proper cleaning.

Section 14: Transport information

Transport information: This product is not included in the listing of dangerous substances for transport by land, sea, inland water and air.

UN number or ID number: Not applicable.

UN proper shipping name: Not applicable.

Transport hazard class(es): Not applicable.

Packaging group:	Not applicable.
Environmental hazards:	Not applicable.
Special precautions for user:	Not applicable.

Section 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Specific regulations:	EU: Anhydrous MgC12 is reported EINECS Indication of danger: Not subject to labelling in accordance with EEC Directives. USA: Reported in the EPA TSCA Inventory Australia: Listed in AICS Canada: Listed in DSL China inventory: Listed Japan: Listed in ENCS New Zealand Inventory: Listed in NZIoC Phillippines: Listed in PICCS
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15.2. Chemical Safety Assessment

Chemical safety assessment: -

Section 16: Other information**16.1. Other information**

Other information:	* Indicates text in the SDS which has changed since the last revision.
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