

DEAD SEA SALTS

SECTION 1 Identification of the substance/mixture and supplier

1.1. Product identifier	Sodium Chloride	Revision January 2023.
Chemical Formula	NaCl	
REACH Registration No.	This product is exempt from obligation to register in accordance to Reg. (EC) 1907/2006 (natural mineral not modified chemically).	
Molecular weight	58.45	

1.2. Relevant identified uses of the substance of mixture and uses advised against:
Food Industry; animal feed.

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

Classification in accordance With Regulation (EC) No 1272/2008 (CLP/GHS) Not classified

2.2. Label elements Not subject to labelling in accordance with Regulation (EC) No. 1272/2009 (CLP)

2.3. Other hazards None

SECTION 3 Composition/information on ingredients

Components Sodium Chloride 7647-14-5

Weight % 98-100

Index No. -

EC No. 231-598-3

EU Classification -

SECTION4Firstaidmeasures

4.1. Description of first aid measures

Eye contact	Holding the eyelids apart, flush eyes promptly with copious flowing water for at least 20mins. Get medical attention immediately.
Skin contact	Remove contaminated clothing . Wash skin thoroughly with mild soap and plenty of water for at least 15 mins. Wash clothing before reuse. Get medical attention if irritation occurs.
Inhalation	Keep them quiet and warm. Apply artificial respiration if necessary and get medical attention immediately.
Ingestion	If swallowed, wash mouth thoroughly with plenty of water and give water to drink. Get medical attention immediately.

****NEVER GIVE AN UNCONCIOUS PERSON ANYTHING TO DRINK****

4.2. Most important symptoms

And effects, both acute and delayed

None Known

4.3. Indication of any

immediate medical attention

and special treatment needed

In case of ingestion, the salt level in blood must be determined.
Treat symptomatically and supportively.

SECTION5Firepreventionmeasures

5.1. Extinguishing media

Material is not combustible. Use extinguishing media appropriate to surrounding fire conditions.

5.2. Special hazards arising from and the substance or mixture

When heated to decomposition, may release poisonous corrosive fumes of Na₂O and HCl.

5.3. Advice for fire-fighters contained

Fire fighters should wear full protective clothing and self-breathing apparatus (SCBA) on positive pressure mode.

SECTION6Accidentalreleasemeasures

6.1 Personal precautions, protective Equipment and emergency procedures Wear protective clothing specified for normal operations (see section 8)

6.2. Environmental precautions Prevent product from entering drains, ditches and rivers.

6.3. Methods and materials for possible Containment and cleaning up Sweep up, place in a bag and hold for waste disposal or reuse.

Cleaning methods Recuperate the spilt product and place in an appropriate container.

Rinse abundantly with water.

6.4. Reference to other sections None.

SECTION7 Handlingandstorage

7.1. Precautions for safe handling Keep containers tightly closed.

7.2. Conditions for safe storage, 'materials Including any incompatibilities Store in a dry area away from incompatible materials (see to avoid').

7.3. Specific end use(s) No specific requirements.

SECTION8Exposurecontrol/personalprotection

8.1. Control parameters

Components

Sodium Chloride 7647-14-5

8.2. Exposure controls

Ventilation requirements

Ventilation must be sufficient to maintain TLV-TWA below 3mg/m³, Respirable particles, and 10 mg/m³, inhalable particles (ACGIH recommendation for Particles (Insoluble or poorly soluble) Not otherwise specified (PNOS).

Personal protective equipment:

-Respiratory protection

In case of significant or accidental dust emissions, dust mask should be worn.

-Hand protection

Protective gloves.

-Eye protection

Chemical safety goggles.

-Skin and body protection

Body covering clothes and boots.

Hygiene measures

Do not eat, smoke or drink where material is handled, processed or stored. Safety shower and eye bath should be provided. Wash hands thoroughly after handling and before eating or smoking.

SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	White crystals
Odour	None
Odour threshold	Not determined
pH	6.7 to 7.3
Melting point/range	801°C
Boiling point/range	1465°C
Flash point	Not applicable
Flammability (solid, gas)	Not flammable
Flammable/Explosion limits	Not flammable/Not explosive
Evaporation rate (ether+1)	Not applicable under standard conditions
Vapor pressure	1mmHg
(865°C) Density	
2.165g.cm³ (25°C) Solubility:	
Solubility in water	Soluble

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