

## SECTION 1: Identification

### 1.1. Identification

Product Name	Dead Sea salt, coarse
INCI name	Naris sal. Sea salt extrac
REACH Registration No.	The substance must not be registered according to REACH, ANNEX V

### 1.2. Recommended use and restrictions on use

Recommended Use	Salts for bathtub, raw material in the cosmetic industry
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### 1.3. Supplier

Camden-Grey Essential Oils, Inc.  
5751 Halifax Ave., Unit 2  
Fort Myers, FL 33912  
Emergency Tel. No.: Chemtrec 1-800-262-8200 // 1- 703-741-5500

### 1.4. Emergency telephone number

Emergency number: Chemtrec -1.800.424.9300/ 1.703.527.3887 CCN 797608

## SECTION 2: Danger identification

### 2.1. Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 [CLP/GHS] Not Classified  
Classification in accordance with Directive 67/548/EEC Not Classified

### 2.2. Labeling

Not subject to labelling in accordance with Regulation (EC) No. 1272/2008 (CLP)

### 2.3. Other dangers

None.

## SECTION 3: Composition/information on ingredients

Components	Weight %	Index No.	EC No.	EU Classification
Magnesium Chloride Hexahydrate 7791-18-6	31-35		2320946 (anhydrous CAS 7786-30-3)	None
Potassium chloride 7447-40-7	23-30		231-211-8	None
Water of crystallization 7732-18-5	32-40		231-791-2	None

## SECTION 4: First-aid measures

### 4.1. First aid description

<b>Eye contact</b>	Holding the eyelids apart, flush eyes promptly with copious flowing water for at least 20 minutes. Get medical attention if irritation persists.
<b>Skin contact</b>	Wash with water in case of irritation. Get medical attention if irritation occurs and persists.
<b>Inhalation</b>	In case of dust inhalation or breathing fumes released from heated material, remove person to fresh air. Keep him quiet and warm. Apply artificial respiration if necessary and get medical attention immediately.

### 4.2. Most important symptoms and effects, both acute and delayed

None known

### 4.3. Indication of potential immediate medical help and specific treatment necessary

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

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### SECTION 5: Fire-fighting measures

#### 5.1. Extinguishing media

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

#### 5.2. Specific dangers resulting from the substance or mixture

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

#### 5.3. Advice to firefighters

In closed stores, provide fire-fighters with self-contained breathing apparatus in positive pressure mode.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing specified for normal operations (see Section 8).

#### 6.2. Environmental precautions

Avoid access to streams, lakes or ponds.

#### 6.3. Methods and materials for containment and cleaning up

Sweep up, place in a bag and hold for waste disposal or possible re-use.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Keep containers tightly closed.

#### 7.2. Conditions for safe storage, including any incompatibilities

Keep in a dry, well-ventilated place away from incompatible materials (see Section 10)

#### 7.3. Specific end use(s)

No specific requirements

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Components	Weight %	ACGIH-TLV Data	UK (WEL) - TWA	Germany MAK (TRGS 900) data
Magnesium Chloride Hexahydrate 7791-18-6	31-35	Not determined	Not determined	Not determined
Potassium chloride 7447-40-7	23-30	Not determined	Not determined	Not determined
Water of crystallization 7732-18-5	32-40	Not determined	Not determined	Not determined

#### 8.2. Exposure control

##### Ventilation requirements

Good general ventilation. Ventilation must be sufficient to maintain TLV-TWA below 3 mg/m<sup>3</sup>, respirable particles, and 10 mg/m<sup>3</sup>, inhalable particles (ACGIH recommendation for Particles (Insoluble or poorly soluble) Not Otherwise Specified (PNOS)).

##### Personal protective equipment:

- Respiratory protection
- Hand protection
- Eye protection
- Skin and body protection

In case of significant or accidental dust emissions, dust mask should be worn  
Protective gloves  
Chemical safety goggles  
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

Appearance	White crystals
pH	8 @ 10% aqueous solution
Melting point/range	>120°C
Boiling point/range	Not applicable
Vapour pressure	Not available
Flash point	Non-combustible
Auto-ignition temperature	Not applicable
Density	Not applicable
Bulk density	0.95 (coarse grade) kg/l

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Solubility:  
- Solubility in water 60g/100g  
Decomposition temperature >160°C

### 9.2. Other information

None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Not expected to occur.

### 10.4. Conditions to avoid

Exposure to moisture. Heating above decomposition temperature.

### 10.5. Incompatible materials

Oxidizing agents.

### 10.6. Hazardous decomposition products

Oxides of: potassium, calcium, magnesium, sodium and HCl.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity:

- Rat oral LD50 8100 mg/kg (for MgCl<sub>2</sub>)  
- Mouse oral LD50 7600 mg/kg (for MgCl<sub>2</sub>)

Mutagenicity Not available

Carcinogenicity Not classified by IARC Not included in NTP 12th Report on Carcinogens.

## SECTION 12: Ecological information

### 12.1. Toxicity

MgCl<sub>2</sub> is a seawater component

### 12.2. Persistence and degradability

Not relevant for inorganic salts.

### 12.3. Bioaccumulation potential

Not expected to bioaccumulate.

### 12.4. Soil mobility

Not relevant for inorganic salts.

### 12.5. PBT and VPVB evaluation results

Not considered to be PBT or vP.

### 12.6. Other harmful effect

None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal Dispose of in a safe manner in accordance with local/national regulations.  
Disposal of Packaging Containers can be recycled after proper cleaning.

## SECTION 14: Transport information

ADR/RID Not regulated  
IMDG Not regulated  
ICAO/IATA Not regulated

## SECTION 15: Regulatory information

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### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU	Anhydrous MgCl <sub>2</sub> is reported EINECS
USA	Anhydrous MgCl <sub>2</sub> is reported in the EPA TSCA Inventory.
Australia	Listed in AICS (MgCl <sub>2</sub> )
Canada	Listed in DSL (MgCl <sub>2</sub> )
CHINA - China inventory	Listed in IECSC (MgCl <sub>2</sub> )
Japan	ENCS no. (1)-233 ISHL no. (1)-233 (MgCl <sub>2</sub> )
Korea	Listed in the Korea Existing Chemicals Inventory (KECI), number KE-22691 (MgCl <sub>2</sub> )
New Zealand Inventory	Listed in NZIoC (MgCl <sub>2</sub> )
Philippines	Listed in PICCS (MgCl <sub>2</sub> )

### 15.2 Chemical Safety Assessment

A full CSA is not performed, since the substance is not considered Dangerous, nor is it a PBT-vPvB.

## SECTION 16: Other information

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