

# Safety Data Sheet

## Crafters Choice™ Dead Sea Salt – Fine Grain

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product Identifier**

**Product Name:** **Crafters Choice™ Dead Sea Salt – Fine Grain**  
**INCI Name:** Maris sal  
 Sea salt extract

**Chemical Formula:** Not applicable

**Relevant identified uses of the substance or mixture and uses advised against**  
 Salt for bathtub, raw material in the cosmetic industry

**Details of the supplier of the safety data sheet**

Crafter's Choice Brands, LLC  
 7820 E. Pleasant Valley Road  
 Independence, Ohio 44131  
 Phone: 1-800-908-7028  
[www.Crafters-Choice.com](http://www.Crafters-Choice.com)

**Emergency Telephone Number: ChemTel**  
**(800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands**  
**+1 813 248-0585 International**

### 2. HAZARDS IDENTIFICATION

**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

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

**Other hazards** None

### 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

#### **4. FIRST AID MEASURES**

##### **Description of first aid measures**

**Eye contact:** Holding the eyelids apart, flush eyes promptly with copious flowing water for at least 20 minutes. Get medical attention if irritation persists.

**Skin contact:** Wash with water in case of irritation. Get medical attention if irritation occurs and persists.

**Inhalation:** In case of dust inhalation or breathing fumes released from heated material, remove person to fresh air. Keep quiet and warm. Apply artificial respiration if necessary and get medical attention immediately.

**Ingestion:** If swallowed, wash mouth thoroughly with plenty of water. Get medical attention immediately.

**NOTE: NEVER GIVE AN UNCONSCIOUS PERSON ANYTHING TO DRINK.**

##### **Most important symptoms and effects, both acute and delayed**

None known

**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.

#### **5. FIRE-FIGHTING MEASURES**

**Extinguishing media:** Material not combustible. Use extinguishing media appropriate to surrounding fire conditions.

**Special hazards arising from the substance or mixture:** When heated to decomposition, may release poisonous and corrosive fumes of HCl.

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

#### **6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures:** Wear protective clothing specified for normal operations (See Section 8).

**Environmental precautions:** Avoid access to streams, lakes or ponds.

**Methods and material for containment and cleaning up:** Sweep up, place in bag and hold for waste disposal or possible re-use.

**Reference to other sections:** None

#### **7. HANDLING AND STORAGE**

**Precautions for safe handling:** Keep containers tightly closed.

**Conditions for safe storage, including any incompatibilities:** Keep in a dry, well-ventilated place away from incompatible materials (see Section 10).

**Specific end use(s):** No specific requirements

#### **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

## 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

## Exposure controls

**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** 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. Wash hands carefully before eating or smoking. Safety shower and eye bath should be provided.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Appearance</b>	White crystals
<b>pH</b>	8 @ 10% aqueous solution
<b>Melting point/range</b>	>120°C
<b>Boiling point/range</b>	Not applicable
<b>Vapour pressure</b>	Not available
<b>Flash point</b>	Non-combustible
<b>Auto-ignition temperature</b>	Not applicable
<b>Density</b>	Not applicable
<b>Bulk density</b>	1.03 (fine grade), 0.95 (coarse grade) kg/l
<b>Solubility</b>	
- <b>Solubility in water</b>	60g/100g
<b>Decomposition temperature</b>	>160°C

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Stable under normal conditions
<b>Chemical Stability</b>	Stable under normal conditions
<b>Possibility of Hazardous Reactions</b>	Not expected to occur
<b>Conditions to Avoid</b>	Exposure to moisture Heating above decomposition temperature
<b>Incompatible materials</b>	Oxidizing agents
<b>Hazardous Decomposition Products</b>	Oxides of: potassium, calcium, magnesium, sodium and HCl

## 11. TOXICOLOGICAL INFORMATION

### 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 12<sup>th</sup> Report on Carcinogens

## 12. ECOLOGICAL INFORMATION

### Toxicity

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

### Persistence and degradability

Not relevant for inorganic salts

### Bioaccumulative potential

Not expected to bioaccumulate

### Mobility in soil

Not relevant for inorganic salts

### Results of PBT and vPvB assessment

Not considered to be PBT or vPvB

### Other adverse effects

None known

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

#### Waste disposal

Disposal of in a safe manner in accordance with local/national regulations

#### Disposal of Packaging

Containers can be recycled after proper cleaning

## 14. TRANSPORT INFORMATION

**ADR/RID** Not Regulated

**IMDG** Not Regulated

**ICAO/IATA** Not Regulated

## 15. REGULATORY INFORMATION

### 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

## **16. OTHER INFORMATION**

**Note:**

All sections reformatted in accordance with REACH Annex II revision

**This data sheet contains changes from the previous version in sections(s)**

1 (REACH), 3, 15

The information herein is based on the present state of our knowledge. It is believed to be correct but is not necessarily all-inclusive and shall be used only as a guide. Crafter's Choice Brands, LLC shall not be held liable for any damage resulting from handling or from contact with the above product.