



Quality Department  
SBP

# SAFETY DATA SHEET

## SEA SALT

### Sodium Chloride

Edition : 1

Revision date: 24/02/2017

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SAFETY DATA SHEET according to Regulation (EC) n° 1907/2006

#### 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

**Product name:** Sodium chloride (sea salt)

**Company:** Bras del Port, S.A.

Ctra. Cartagena – Alicante, km 85

Apartado de Correos, 1

03130 SANTA POLA – Alicante

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web: [www.brasdelport.com](http://www.brasdelport.com)

Email: [salinas@brasdelport.com](mailto:salinas@brasdelport.com)

**Emergency telephone number:** National Toxicology Institute \* Madrid \* Tel: +34 91 562 04 20

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Principal substance:** Sodium chloride (NaCl)

N° CAS – 7647-14-5

N° EINECS – 231-598-3

Molar mass – 58,44 g (Na: 22,99 / Cl: 35,45)

Origin: mineral

**Additive (optional):** (K<sub>4</sub>Fe (CN)<sub>6</sub> 3H<sub>2</sub>O

N° CAS: 14459-95-1

Molar mass: 422,39

#### 3. HAZARDS IDENTIFICATION

**Classification of the substance** This substance is not classified as dangerous according to Regulation (EC) 1272/2008

**Label elements:** Not a hazardous substance according to Regulation (EC) 1272/2008

**Other hazards:** None known

#### 4. FIRST AID MEASURES

**Description of first aid measures:** After inhalation: fresh air  
In case of skin contact: may irritate damaged skin. Rinse skin with water  
After eye contact: rinse out with plenty of water. Remove contact lenses.  
After swallowing: make victim drink water. Consult doctor if feeling unwell.

**Most important symptoms and effects:** Nausea, vomiting

**Indication of any immediate medical attention and special treatment needed:** Not information available

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#### 5. FIREFIGHTING MEASURES

**Extinguishing media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
For this substance no limitations of extinguishing agents are given.

**Special hazards arising from the substance:** Not combustible

**Advice for fire-fighters:** Special protective equipment for fire-fighters

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** Avoid inhalation of dusts. If dust levels are very high, wear masks and safety glasses.

**Environmental precautions:** Not considered harmful to the environment  
Do not allow the product to enter high amounts in the drain system. Dilute with abundant water

**Methods and material for containment and cleaning up:** Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

#### 7. HANDLING AND STORAGE

**Precautions for safe handling:** It's not a dangerous product. There is no special recommendation.

**Conditions for safe storage:** It is recommended to store the product in a clean and moisture-free place

**Specific end use(s):** Human food, animal feed, water treatment for human consumption, water treatment for swimming pools

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters:** Contains no substances with occupational exposure limit values

**Exposure controls:** Not require specific technical controls.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical properties:**

- State: solid
- Origin: mineral (inorganic)
- Form: crystals (can be compacted)
- Colour: colourless
- Odour: odourless
- Melt point: 801°C
- Boiling point: 1465°C
- pH en aqueous solution: from 6 to 8
- Density: 1,1 a 1,2 g/cm<sup>3</sup>
- Flammability point: non-combustible



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**Chemical properties:** Water solubility a 20°C: 358,5 g/l

## 10. STABILITY AND REACTIVITY

**Chemical stability:** The product is chemically stable under standard ambient conditions (room temperature)

**Possibility of hazardous reactions:** Risk of explosion/exothermic reaction with alkali metals (lithium)

## 11. TOXICOLOGICAL INFORMATION

Product considered **NON- TOXIC**

Acute oral toxicity: LD50 Rat: 3.000 mg/kg (RTECS)

Acute inhalation toxicity: this information is not available

Acute dermal toxicity: LD50 Rabbit: > 10.000 mg/kg (RTECS)

Skin irritation: no skin irritation

Eye irritation: no eye irritation

Sensitisation: this information is not available

Mutagenicity (mammal cell test): test micronucleus. Result negative

Ames test : result negative

Carcinogenicity: this information is not available

Reproductive toxicity: this information is not available

Teratogenicity: this information is not available

Specific target organ toxicity - single exposure: this information is not available

Specific target organ toxicity – repeated exposure: this information is not available

Aspiration hazard: this information is not available

## 12. ECOLOGICAL INFORMATION

**Toxicity:** Toxicity to fish: LC50 Pimephales phomelas: 7650 mg/l 96h (IUCLID)  
Toxicity to daphnia and other aquatic invertebrates: EC50 Daphnia magna: 1000 mg/l 48h (IUCLID)

**Persistence and degradability:** Biodegradability  
The methods for determining the biological degradability are not applicable to inorganic substances

**Bioaccumulative potential:** No information available

**Mobility in soil:** No information available

**Results of PBT and vPvB:** BPT/vPvB assessment not available as chemical safety assessment not required/not conducted

## 13. DISPOSAL CONSIDERATIONS

Waste must be disposed of in accordance with the national and local regulations.

Regulation (EC) 2008/98/CE

Law 10/1998,

R.D. 833/1988,

R.D. 252/2016

R.D. 782/1998

Order AAA/1783/2013,

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#### 14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations (land, inland waterway and sea transport)

#### 15. REGULATORY INFORMATION

Not applicable Regulation 96/82/CE

Regulation (EC) n° 1005/2009: not regulated

Regulation (EC) n° 850/2004: not regulated

Regulation (EC) n° 689/2008: not regulated

This product does not contain substances of very high concern according to Regulation (EC) n° 1907/2006 (REACH), article 57 above the respective regulatory concentration limit of  $\geq 0,1\%$  (w/w)

#### 16. OTHER INFORMATION

This document is a general guide to properties and potential applications of the product. This information does not apply to an unusual or non-specific use of the product.

The information contained here is based on the present state of our knowledge. Although all the information and recommendations contained in this document are provided in good faith, it is the user's responsibility to determine the accuracy and applicability of such information and such recommendations, as well as the suitability of the product for desired purposes.

Nothing described in this document should be interpreted as warranty

You can request more information from Bras del Port staff.