



REVISSION: 03/12/2015  
SUBSTITUTION DATE: 03/03/2016  
REVISSION NO.: 3  
VERSION NO.: 3.0

Comply with Regulation (EC) No 1907/2006 – REACH, Annex II UE

## SAFETY DATA SHEET AND RISKS (INFOSA'S SEA SALT)

### SECTION 1: Identification of the substance / mixture and of the company.

#### 1.1. Product identification

Substance identification: Sodium Chloride  
CE No.: 231-598-3  
CAS No.: 7647-14-5

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

##### Chemical industry.

Manufacture of chlorine and sodium, hydrochloric acid, soda, sodium carbonate.  
Manufacturing of paint and soap.

##### Food industry

Preservative.  
Flavor enhancer.

#### 1.3. Details of the supplier of the Safety Data Sheet.

Cia Española de Investigación y Fomento Minero S.A.  
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Tel. +34 93 588 44 04  
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#### 1.4. Emergency telephone number

Please contact: +34 93 588 44 04

### SECTION 2: Hazards Identification

#### 2.1. Classification of the substance or mixture

Substance as food ingredient Classification according to Regulation (EC) 1272/2008 (CLP), shall not apply, in the Objective and Scope of Application, point 5) e) i), food or feeds, as defined in the Regulation (CE) no 178/2002, even when they are used: i) as food additives in food products within the scope of Directive 89/107/CEE.



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## 2.2. Label elements.

Not applicable

## 2.3. Other hazards

Not applicable

## SECTION 3: Composition / information on ingredients

### 3.1. Substances

Substance identification	Sodium Chloride
CE No.:	231-598-3
CAS No.:	7647-14-5
Molecular formula	NaCl

## SECTION 4: First Aid Measures

### 4.1. Description of first aid measures

Skin contact	Not applicable
Eye contact	Wash with plenty of water.
Ingestion	Not applicable
Fire	Not applicable
Inhalation	Provide fresh air.

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

Irritation to eyes, lacrimation and red eyes. No more known significant effects or critical hazards.

### 4.3. Indication of any immediate medical attention and special treatment needed.

There is no specific treatment.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Act in accordance with the type of fire around.

### 5.2. Special hazards arising from the substance or mixture

Non-combustible.

As decomposing, it can form halogenated compounds and metal oxides.



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### **5.3. Advice for fire-fighters**

Not applicable

## **SECTION 6: Accidental release measures**

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

No special measures necessary.

### **6.2. Environmental precautions**

Avoid discharges into sewers and surface waters.  
Dilute with water.

### **6.3. Methods and material for containment and cleaning up**

Pick up mechanically.

### **6.4. Reference to other sections**

Section 8 and section 13.

## **SECTION 7 Handling and storage**

### **7.1. Precautions for safe handling**

No special measures necessary.

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

It is recommended to store away from humidity (dry environment) It is advisable to use corrosion resistant materials for machinery, premises and buildings.

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

Not applicable.

## **SECTION 8: Exposure controls**

### **8.1. Control Parameters**

Workplace exposure limits not relevant.



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## 8.2. Exposure controls

Use Anti-dust mask (for those tasks done in particle laden atmospheres of NaCl) as individual protection equipment.

## SECTION 9 Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance	White crystalline solid. Agglomerated / not agglomerated crystals, granules or tablets
Odour	Odourless
Odour threshold:	Does not apply.
pH (100 g/l agua):	6,7-9
Melting point:	801°C
Boiling point:	1465°C a 760 mm Hg
Flash point:	Does not apply
Evaporation rate:	Does not apply
Flammability:	Does not apply
Vapour pressure:	Does not apply
Vapour density:	Does not apply
Relative density at 20°C:	1,2
Solubility(ies) at 20°C:	35,86 g%agua
Partition coefficient :	Does not apply
Auto-ignition temperature:	Does not apply
Decomposition temperature :	Does not apply
Viscosity:	Does not apply
Explosive properties:	Does not apply

### 9.2. Other information

Molecular weight:	58,5 uma
Specific weight at 20°C:	2.163 Kg/m <sup>3</sup>
Relative balanced humidity at 20°C	75,3%

Heavy metals:	
Zinc (Zn)	<0.6 mg/kg
Cadmium (Cd)	<0,1 mg/kg
Lead (Pb)	<0,1 mg/kg
Copper (Cu)	<1 mg/kg
Mercury (Hg)	<0,1 mg/kg
Arsenic	<0,1 mg/kg

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Not reactive under normal environment conditions.



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## 10.2. Chemical stability

It is stable under normal environment conditions.

## 10.3. Possibility of hazardous reactions

With alkaline metals under extreme conditions.

## 10.4. Conditions to avoid

No specific conditions to avoid.

## 10.5. Incompatible materials

No known incompatibilities.

## 10.6. Hazardous decomposition products

Section 5.

# SECCIÓN 11: Toxicological information

## 11.1. Information on toxicological effects

Acute intoxication:

DL50	3,75 g/Kg
CL50-24h	4.800 mg/l (Daphnia)
CL50-24h	9.000 mg/l (Brachydanio rerio)

Primary irritation effect , serious eye injury or eye irritation, respiratory or skin sensitization, germ cell mutagenicity , carcinogenicity , reproductive toxicity , toxicity Specific target organs ( STOT ) - single exposure, specific target organ toxicity ( STOT ) – continuous exhibition and aspiration hazard :

It is not classified as a specific toxic in any of these cases.

# SECCIÓN 12: Ecological information

## 12.1. Toxicity

Influence on the surface of vegetables (metabolic disturbance) and soil (mineral imbalance).

## 12.2. Persistence and degradability

Does not apply

## 12.3. Bioaccumulative potential

Does not apply



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#### **12.4. Mobility in soil**

Does not apply

#### **12.5. Results of PBT and vPvB assessment**

Does not apply.

#### **12.6. Other adverse effects**

Does not apply.

### **SECTION 13 Disposal considerations**

#### **13.1. Waste treatment methods**

The substance must be disposed of according to government regulations..  
Containers can be recycled.  
Not to be poured down the drain.

### **SECTION 14: Transport information**

#### **14.1. UN number**

Not applicable.

#### **14.2 UN proper shipping name**

Not applicable.

#### **14.3. Transport hazard class(es)**

The product is not considered as hazardous for transport.

#### **14.4. Packing group**

Not applicable

#### **14.5. Environmental hazards**

Not applicable

#### **14.6. Special precautions for user(s)**

Not applicable

#### **14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**

Sodium chloride can be transported in bulk and it is not in the Annex II of MARPOL as it is a solid.

## SECCIÓN 15: Regulatory Information

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

#### REACH REGULATION – APLICATION EXEMPTIONS FOR SODIUM CHLORIDE

Sodium Chloride is exempted from complying of the II title (register), V title (downstream users) and VI title (evaluation), in accordance with the 7 entry of annex V of REACH.

In accordance with this entry, minerals, ores, ore concentrate, etc, can qualify for the commented exemption, as long as they are substances which occur in nature (see 3(39) article) and have not been chemically modified (see 3(40) article).

#### REACH REGULATION – APLICATION EXEMPTIONS FOR ADDITIVES

In accordance with article 2, section 5, b), when a substance is used in to food or feed in compliance with the (CE) n° 178/2008, it will be exempted from complying of the II title (register), V title (downstream users), VI title (evaluation) and VII title (authorization), even when it will be used as:

- As a food additive, inside the scope of application of Directive 89/107/CEE;
- As flavouring agent in food products inside the scope of application of Directive 83/388/CEE and of the Decision 1999/217/CEE;
- As animal feed additive inside the scope of application of Directive (CE) n° 1831/2003;
- In animal feed, inside the scope of application of Directive 81/471/CEE. Besides, in the finished product phase, intended to the end user, it won't be of application what is disposed in the title IV, to the mixes that are to be used in food or animal feed, as food additives, flavor agents, feed additive or animal feed.

#### SAFETY DATA SHEET

Sodium Chloride

IMPLEMENTATION OF REGULATION (EC) No 1272/2008 ON CLASSIFICATION, LABELING AND PACKAGING OF SUBSTANCES AND MIXTURES (CLP REGULATION) .

Regarding the CLP Regulation, manufacturers, importers and downstream users have the obligation of classifying, labeling and packing the substances and mixes in accordance with CLP, before commercializing them. (Article 4 of CLP Regulation)

In accordance with Article 1(5)(e), substances and mixes in the finished product phase, intended to the end user, would be exempt of the application of the CLP Regulation.



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## 15.2. Chemical safety Assesment

No se requiere un informe sobre la seguridad química según el Reglamento REACH.

## SECCIÓN 16: Other information

### 16.1. Indication of changes

With this second revision the Safety Data sheet format of Infosa's Sea Salt has been adapted in accordance with the Regulation (CE) nº 1907/2006 (REACH), Annex II UE.

#### **Disclaimer:**

The information contained herein is based on Infosas's present state of knowledge at the time of its creation. There is no guarantee, concerning its accuracy, integrity or suitability for a particular purpose.