



SUBSTITUTION DATE: November 2022
REVISION NUMBER: 5

In accordance with Regulation (EU) No. 2020/878 OF THE COMMISSION of June 18, 2020, which modifies Annex II of Regulation (EC) No. 1907/2006 of the European Parliament and of the Council, regarding registration, evaluation, authorization and restriction of chemical substances and mixtures (REACH).

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.

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1.4. Emergency telephone number

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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

3.2. Mixture

Not applicable

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.



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.



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% water
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 ³
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.

11.2. Other Hazard Information (Endocrine Disrupting Properties)

Not listed

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. Endocrine disrupting properties

Does not apply

12.7. 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 or ID 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. T Bulk maritime transport in accordance with IMO instruments.

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 Assessment

Not required in accordance with the Regulation 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.