

 MINERA DE SANTA MARTA, S.A.	SAFETY DATA SHEET SODIUM CHLORIDE According to Regulation (EC) No 1907/2006, amended by Regulation (EU) 2020/878	VERSION 2
		20/12/2022

1 IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

Product identifier

Name of the Product: **SODIUM CHLORIDE**

Relevant identified uses of the substance or of the mixture and uses which are not advised

Roadways de-icing: De-icing agent
 Textile industry: Aid of fabrics dyeing
 Other: Animal feed

Details of the supplier of the safety information sheet

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2 IDENTIFICATION OF THE HAZARDS

Classification of the substance In accordance with Regulation (EC) 1272/2008 (CLP), this product **is not considered as a Hazardous Substance.**

Label elements The substance does not require labelling as dangerous in accordance with the Regulation (EC) 1272/2008.

Other hazards No other risk is specified.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Substance

Chemical name: Sodium chloride
 Chemical formula: Na Cl
 Molecular weight: 58,44
 CAS Register Nº: 7647-14-5
 EINECS Nº: 231-598-3



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4 FIRST AID MEASURES

Description of first aid measures

Inhaled:	Remove victim from exposure and into fresh air.
Skin contact:	It may irritate damaged skin. Wash with soap and abundant water.
Eye contact:	Wash immediately with abundant water during 15 minutes keeping eyes well open and providing medical attention.
Ingested:	Rinse mouth with water.

Most important symptoms and effects, both acute and delayed

In case of discomfort, seek medical attention.

Indication of any immediate medical attention and special treatment needed

No other indication is required.

5 FIREFIGHTING MEASURES

Extinguishing media

All possible extinguishing media can be used.

Special hazards arising from the substance or mixture

The product is not considered as flammable. But under the effects of heat, it may emit toxic and corrosive gases.

Advice for firefighters

Respiratory protection, eye protection, boots and gloves.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protection equipment and emergency procedures

Avoid contact with eyes. Contain the contaminated area and restrict access to unauthorised persons.

Environmental precautions

Prevent spillage from entering the sewer system or in the water flows. If not possible, dilute with water.

Methods and material for containment and cleaning up

Recovery:	Collect the product using suitable media (broom, vacuum cleaner).
Cleaning:	Place the spilt product in a suitable container and label it correctly.
Disposal:	Disposal of the material or solid waste at an authorized centre.

Reference to other sections

For more information, see Sections 8 and 11.

7 HANDLING AND STORAGE

Precautions for safe handling

Technical measures:	No particular technical intervention is required.
Precautions:	Avoid the formation or dispersion of dust into the atmosphere.
Usage recommendations:	Respect the usage instructions.

Conditions for safe storage, including any incompatibilities

Technical measures:	Keep containers sealed and stored in dry areas.
Incompatible substances:	See Point 10: Stability and Reactivity.
Packaging conditions:	The product can be stored in common commercial containers.
Maximum quantities that can be stored:	Not applicable.
Packaging materials:	Plastic materials (polyethylene, polypropylene).

Specific end use(s)

No additional recommendations.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

TLV (Threshold Limit Value): None.

Exposure controls

Technical measures: Localise the source of dust emission. Ensure that the workspace is well ventilated.

Collective emergency measures: Emergency eyebath.

Individual protection

Respiratory protection: Anti-dust filter mask.

Eye protection: Safety goggles.

Environmental exposure controls: No applicable legislation.

9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state: Solid

Appearance: Granules

Odour: Odourless

Other information

pH aqueous solution: 7,5 – 9,0 at 20° C, solution at 10%

Fusion point: 801° C

Boiling point: 1465° C (under 1013 hPa)

Flash point: Not applicable

Explosive properties: Non-explosive according to EC criteria

Combustion properties: Non-combustible according to EC criteria

Relative density: 2,163 g/cm³ (20°C)

Bulk density: 1,10 – 1,30 Kg/dm³ (non-compacted product)

Solubility

In water: 359 g/l at 20° C

In ethanol: Insoluble

In glicol: Insoluble

Distribution coefficient n-octanol/water: Not available

Hygroscopicity: Hygroscopic product

10 STABILITY AND REACTIVITY

Reactivity

No hazardous reaction is known under normal conditions of use.

Chemical stability

Stable at ambient temperatures and in normal usage conditions.

Possibility of hazardous reactions

Exothermic reaction to lithium. In contact with strong acids it may produce fumes of hydrogen chloride, toxic and corrosive gas.

Conditions to avoid

Keep away from moisture.

Incompatible materials

In the presence of ambient moisture, it may produce corrosion in metals and alloys.

Hazardous decomposition products

It may emit hydrogen chloride through thermal decomposition (toxic and corrosive gas).



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11 TOXICOLOGICAL INFORMATION

Information on hazards classes as defined in Regulation (EC) No 1272/2008

Acute toxicity:	It is neither considered toxic nor noxious. DL ₅₀ oral (rat): 3750 mg/kg.
Irritation:	May cause slight ocular and nasal mucous irritation by mechanical effect.
CMR effects:	No Carcinogenic, Mutagenic, Reprotoxic effects described.
Information on other hazards	No other hazards described.

12 ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity:	CE ₅₀ (Daphnia magna) / 48 hours: 1661 mg/l.
Classification of Substances	WGK (Water Hazard Class): Class 1
Hazardous to Waters (VwVwS):	Slightly hazardous for water.

Persistence and degradability

No information available.

Bioaccumulative potential

Non-bioaccumulable.

Mobility in the soil

Easily penetrates the soil due to the effects of rain.

Results of PBT and vPvB assessment

The product does not meet the criteria to be considered PBT or vPvB.

Endocrine disrupting properties

No endocrine disrupting properties described.

Other adverse effects

Other effects have not been described.

13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Deposit in an authorized centre for collection of Non-Hazardous Industrial Waste.

NOTES:

The user must pay attention to the possible existence of local instructions and regulations related to suitable means of disposal.

14 TRANSPORT INFORMATION

By Land (RID/ADR): Not applicable.	By Sea (OMI/IMDG): Not applicable.
By Air (OACI/IATA): Not applicable.	DOT regulations: non-hazardous substance for transport.

UN number

Not applicable.

UN proper shipping name

Not applicable.

Transport hazard class(es)

Not applicable.

Packing group

Not applicable.

Environmental hazards

Not applicable.

Special precautions for user

Not applicable.

Maritime transport in bulk according to IMO instruments

Not applicable.

NOTES:

The applicable regulations on this matter are in force at the date of printing this data sheet.

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15 REGULATORY INFORMATION

Regulations and legislation on the subject of safety, health and the environment

REACH regulation

At this moment, natural Sodium Chloride is exempted from the obligation to register in accordance with article 2 (7) (b) of the regulation regarding Registration, Evaluation and Authorization of Chemicals (REACH), due to is a substance covered by Annex V point 7: “The following substances which occur in nature, if they are not chemically modified: minerals, ores, ore concentrates, cement clinker, natural gas, liquefied petroleum gas, natural gas condensate, process gases and components thereof, crude oil, coal, coke.”

Defined substances which occur in nature in Article 3, point 39 as: “a naturally occurring substance as such, unprocessed or processed only by manual, mechanical or gravitational means, by dissolution in water, by flotation, by extraction with water, by steam distillation or by heating solely to remove water, or which is extracted from air by any means.”

Then, due to the fact that Minera de Santa Marta, S.A. is a producer who extracts a mineral and purifies it through leaching and crystallization processes, it considers that it is exempted and, therefore, it is not forced its registration.

Chemical safety assessment

Not a chemical safety assessment for this substance.

16 OTHER INFORMATION

Version 2 of Safety Information Sheet

According to Regulation (EU) 2020/878

NOTES

If used for other purposes than those defined above, other risks may be present over and above specified in this document. Users must know and apply all applicable regulations.

All the information included herein is based on current knowledge regarding the product in question at the time of printing this document. This information must not be considered as decisive.

This information does not exempt users from taking all forms of precaution not mentioned above and related to the use of the product, for which they are solely responsible.