



Safety data sheet

according to 1907/2006/EC, Article 31

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Printing date 16.05.2019

version 7

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

· 1.1 Product identifier

- Trade name: *De-icing salt Súría*
- Synonyms *De-icing salt dry Súría, Sodium Chloride*
- CAS Number:
7647-14-5
- EC number:
231-598-3

· Registration number

This product is exempted from the obligation to register in accordance to Reg. (EC) 1907/2006 (naturally occurring mineral that is not modified chemically).

· 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses:

De-icing salt

Formulation additive

No uses advised against.

· 1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier:

IBERPOTASH, S.A.

Afuera s/n

08260-Suria

Barcelona-España

Tel: +34 93 868 28 03

Fax: +34 93 869 57 50

E-mail: msdsinfo@icl-group.com

· 1.4 Emergency telephone number: *In Europe call: +31-20-5815100 (24 hours a day, 365 days a year)*

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008

The substance is not classified, according to the CLP regulation.

· 2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008 *Void*

· Hazard pictograms *Void*

· Signal word *Void*

· Hazard statements *Void*

· 2.3 Other hazards

· Results of PBT and vPvB assessment

· PBT: *Not applicable.*

· vPvB: *Not applicable.*

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SECTION 3: Composition/information on ingredients

- **3 Substances**
- **CAS No. Description**
7647-14-5 sodium chloride 93-96%
- **EC number:** 231-598-3
- **SVHC** None

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Generally the product does not irritate the skin.
Rinse with warm water.
If skin irritation continues, consult a doctor.
- **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
If symptoms persist consult doctor.
NOTE: Never give an unconscious person anything to drink.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
The product is not flammable.
CO₂, powder, foam or water spray.
Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** None
- **5.2 Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
Hydrogen chloride (HCl)
Chlorine
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear fully protective suit.
Mount respiratory protective device.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Avoid formation of dust.
Use respiratory protective device against the effects of fumes/dust/aerosol.
Wear protective clothing.

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- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:** Pick up mechanically.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of dust.
- **Information about fire - and explosion protection:**
No special measures required.
The product is not flammable.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:**
Store away from oxidising agents.
Do not store together with acids.
- **Further information about storage conditions:** See Section 10
- **7.3 Specific end use(s)** See Section 1.2

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:**
Ventilation must be sufficient to maintain TLV-TWA below 3 mg/m³, respirable particles, and 10 mg/m³, inhalable particles [ACGIH recommendation for Particles (Insoluble or poorly soluble). Not Otherwise Specified (PNOS)]
- **8.2 Exposure controls**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Do not eat or drink while working.
- **Respiratory protection:**
Use suitable respiratory protective device in case of insufficient ventilation.



Filter P2

- **Protection of hands:**



Protective gloves

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· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. (EN 374)

· Eye protection:


Safety glasses

· Body protection: Light weight protective clothing

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties
· General Information
· Appearance:

Form: Solid

Colour: Grey-white

· Odour: Odourless

· Odour threshold: Not applicable

· pH-value at 20 °C: neutral

· Change in condition

Melting point/freezing point: 801 °C

Initial boiling point and boiling range: 1413 °C

· Flash point: Not applicable.

· Flammability (solid, gas): Product is not flammable.

· Decomposition temperature: Not determined

· Auto-ignition temperature: Product is not selfigniting.

· Explosive properties: Product does not present an explosion hazard.

· Explosion limits:

Oxidising properties The substance does not contain any groups associated with oxidising properties.
None

· Vapour pressure: Not applicable

· Density at 20 °C: 2.17 g/cm³

· Vapour density Not applicable

· Solubility in / Miscibility with water at 20 °C:

358 g/l

100°C:

388 g/l

· Partition coefficient: n-octanol/water: This substance is inorganic chemical.

Not applicable

· Viscosity:

This product is solid. Viscosity is only relevant to liquids.

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· 9.2 Other information

No further relevant information available.

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SECTION 10: Stability and reactivity

- 10.1 Reactivity No decomposition if used according to specifications.
- 10.2 Chemical stability No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions Reacts with oxidising agents.
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials:
 - Acids
 - Oxidizing agents
- 10.6 Hazardous decomposition products:
 - Formation of toxic gases is possible during heating or in case of fire.
 - Hydrogen chloride (HCl)
 - Chlorine

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
- Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

7647-14-5 sodium chloride

Oral	LD50	3550 mg/kg (rat)
Dermal	LD50	10000 mg/kg (rabbit)
Inhalative	LC50/ 1h	42000 mg/m ³ (rat)

- Primary irritant effect:
- Skin corrosion/irritation: Based on available data, the classification criteria are not met.
- Serious eye damage/irritation: Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity:
 - Based on available data, the classification criteria are not met.
 - IARC (International Agency for Research on Cancer) : Substance is not listed
 - NTP (National Toxicology Program) : Substance is not listed
- Toxicity for reproduction: Based on available data, the classification criteria are not met.
- STOT-single exposure Based on available data, the classification criteria are not met.
- STOT-repeated exposure Based on available data, the classification criteria are not met.
- Aspiration hazard No data available

SECTION 12: Ecological information

- 12.1 Toxicity
 - Aquatic toxicity: No further relevant information available.
 - Terrestrial toxicity no classification is necessary
- 12.2 Persistence and degradability The substance is inorganic; therefore no biodegradation tests are applicable.

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- **12.3 Bioaccumulative potential**
 Low potential for bioaccumulation (based on substance properties)
 This substance is highly water soluble and dissociating.
- **12.4 Mobility in soil**
 Low potential for adsorption (based on substance properties).
 This substance is highly water soluble and dissociating.
- **Ecotoxicological effects:**
- **Behaviour in sewage processing plants:** Not available
- **General notes:**
 Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
 Smaller quantities can be disposed of with household waste.
 Disposal must be made in accordance with Local Authority requirements.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made in accordance with Local Authority requirements.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

- | | |
|--|-----------------|
| · 14.1 UN-Number | Not applicable |
| · DOT, ADR, ADN, IMDG, IATA | Void |
| · 14.2 UN proper shipping name | Not applicable |
| · DOT, ADR, ADN, IMDG, IATA | Void |
| · 14.3 Transport hazard class(es) | Not applicable |
| · DOT, ADR, ADN, IMDG, IATA | Void |
| · Class | Void |
| · 14.4 Packing group | Not applicable |
| · DOT, ADR, IMDG, IATA | Void |
| · 14.5 Environmental hazards: | Not applicable |
| · Marine pollutant: | No |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| · UN "Model Regulation": | Void |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void

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- **Signal word** Void
- **Hazard statements** Void
- **Registration status (Chemical Inventories listing) :**
 - United States (TSCA) : listed
 - Canada (DSL) : listed
 - Australia (AICS) : listed
 - Japan (ENCS) : listed
 - New Zealand (NZIoC) : listed
 - Korea (KECI) : listed
 - Philippines (PICCS) : listed
 - China (IECSC) : listed
 - Taiwan (TCSI) : listed
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

- **Department issuing SDS:**
 - HERA
 - telephone: +/972-8-6297835
 - e-mail: msdsinfo@icl-group.com
- **Abbreviations and acronyms:**
 - RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
 - IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
 - ICAO: International Civil Aviation Organisation
 - ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
 - ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 - IMDG: International Maritime Code for Dangerous Goods
 - DOT: US Department of Transportation
 - IATA: International Air Transport Association
 - GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 - EINECS: European Inventory of Existing Commercial Chemical Substances
 - CAS: Chemical Abstracts Service (division of the American Chemical Society)
 - LC50: Lethal concentration, 50 percent
 - LD50: Lethal dose, 50 percent
 - PBT: Persistent, Bioaccumulative and Toxic
 - SVHC: Substances of Very High Concern
 - vPvB: very Persistent and very Bioaccumulative
 - SVHC: Substances of Very High Concern
- *** Data compared to the previous version altered.**
 - The sections where alterations took place are marked with an asterisk in the left border.
- **Disclaimer**
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