

h1>Sodium chloride 99.9% AR [7647-14-5]



CAS number: **7647-14-5**

Summary formula: **NaCl**

Molar mass: **58.44 g / mol**

Synonyms: **hydrochloric acid sodium salt**

Translation [ENG]: **sodium chloride**

Application: **Sodium chloride used as a foodstuff, responsible for the salty taste. Used in the glass and tanning industries and for food preservation. Used to melt snow and ice from streets and pavements. Used in spectroscopy and refrigeration.**

VARIATIONS

Image	Price	Pack size
$\text{Cl}^{-}\text{Na}^{+}$	£16,91 gross £13,75 netto	10 kg

Image	Price	Pack size
Cl^-Na^+	£72,20 gross £58,70 netto	50 kg

PRODUCT DESCRIPTION

Sodium chloride 99.9% AR [7647-14-5]

Sodium chloride used as a foodstuff is responsible for the salty taste. Used in the glass and tanning industries and for food preservation. Used to melt snow and ice from streets and pavements. Used in spectroscopy and refrigeration.

Appearance colorless crystals
or white crystalline powder

Content (in roasted preparation) min. 99.9%

Water insoluble substances max. 0.005%

pH (5%, 20°C) 5.0 - 8.0

Roasting losses max. 1.0%

Total nitrogen (N) max. 0.001%

Iodides (I) max. 0.008%

Sulphates (SO₄) max. 0.003%

Heavy metals (Pb) max. 0.0005%

Arsenic (As) max. 0.00005%

Bar (Ba) max. 0.003%

Magnesium (Mg) max. 0.002%

Potassium (K) max. 0.03%

Calcium (Ca) max. 0.004%

Iron (Fe) max. 0.0005%

Hazard pictograms

Labeling of hazardous chemicals and mixtures that are part of the Globally Harmonized System of

Classification and Labeling of Chemicals (GHS). The pictograms recommended by GHS have the shape of a square set on the top. They should contain a black symbol on a white background with a red border.

Priority rules to be observed in connection with the labeling of a substance:

- the skull and crossbones, the exclamation mark pictogram should not be added.
- corrosive effect, the exclamation mark pictogram should not be added if it concerns eye or skin irritation.
- health hazard determining respiratory sensitization, the exclamation mark pictogram should not be added if it concerns skin sensitization or irritation to eyes or skin.

Source: [GHS pictograms](#)