

# Technical Data Sheet

## Sodium Chloride

<b>Chemical Formula</b>	: NaCl
<b>Molecular Weight</b>	: 58.44 g/mol
<b>pH (5%)</b>	: 5-8
<b>REACH No.</b>	: No data available
<b>EC No.</b>	: 231-598-3
<b>CAS No.</b>	: 7647-14-5

### General Information:

#### Sodium chloride

-For the preparation of solutions (brines) in the production of food products (salting and canning);  
-For the restoration of ion-exchange resins of water softeners used in the process of water preparation and softening for food, pharmaceutical and other industries, in industrial and private heating and hot water supply systems, as well as in household water heaters.

As a raw material, we use edible evaporated salt of extra grades without anti-caking agents.

### Characteristics:

Name	Characteristic
Appearance	Cylindrical tablets with spherical bottom and top
Colour	White
Taste	Salty with no off-flavor
Odour	None

### Weight & Size:

Tablet weight (g)	Tablet sizes (mm)	
	Diameter	Height
13±3	25±1	15±4

### Physical and chemical parameters:

Name	Norm in terms of dry matter
Mass fraction of sodium chloride, not less than	99,7 %
Mass fraction of magnesium ion, not more than	0,01 %
Mass fraction of calcium ion, not more than	0,02 %
Mass fraction of sulfate ion, not more than	0,20 %
Mass fraction of potassium ion, not more than	0,02 %
Mass fraction of iron oxide (III), no more than	0,005 %
Mass fraction of sodium sulfate, no more than	0,20 %
Mass fraction of water-insoluble residue, no more than	0,03 %



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## Toxic content:

Name	Value
Lead, not more than	2,00 mg/kg
Arsenic, not more than	1,00 mg/kg
Cadmium, not more than	0.10 mg/kg
Mercury, not more than	0,01 mg/kg

## Radionuclide content:

Name	Value
Specific activity (Cs-137) no more than	370 bq/kg

## Expiration date:

Expiration date from the date of manufacture is 2 years.

## Transportation and storage:

Transportation is carried out by any mode of transport in accordance with the rules of transportation in force on the transport of the corresponding type.

Vehicles must be covered, clean and dry.

It is allowed to transport salt by open transport, but the conditions of transportation must be stipulated in the contract.

Store in warehouses at a relative humidity of no more than 75%

## Direction for use:

The amount and method of tablet salt application in accordance with the technological documentation for the preparation of solutions (brines) or with the equipment operating instructions.