

PRODUCT SPECIFICATION

# Salt granulate

Chemical name: **Sodium chloride**  
 Trade name: **Salt granules for dishwashers**  
 Synonymy: **dishwasher salt, salt granules for softening and water treatment**  
 Chemical formula: **NaCl**  
 Molecular Weight: **58,44**



Nr CAS: **7647-14-5**, Nr EC: **231-598-3**

## Physicochemical parameters:

Quality parameters	Expressed as	Unit	Guaranteed values	Typical values	Reference
General requirements	-	-	White or slightly grey salt granules, without foreign impurities, without any foreign smell	White or slightly grey salt granules, without foreign impurities, without any foreign smell	-
Sodium chloride	NaCl	%	≥ 99,0*	99,4 - 99,7*	a)
Anti-caking agent [E 536]	K <sub>4</sub> [Fe(CN) <sub>6</sub> ]	mg/kg	≤ 30	5 - 25	a)
Arsenic	As	mg/kg	≤ 13	< 0,5	a)
Cadmium	Cd	mg/kg	≤ 1,3	< 0,1	a)
Chromium	Cr	mg/kg	≤ 13	< 0,5	a)
Mercury	Cr	mg/kg	≤ 0,26	< 0,01	a)
Nickel	Ni	mg/kg	≤ 13	< 0,5	a)
Lead	Pb	mg/kg	≤ 13	< 0,5	a)
Antimony	Sb	mg/kg	≤ 2,6	< 1	a)
Selenium	Se	mg/kg	≤ 2,6	< 1	a)
Loss on drying	H <sub>2</sub> O	%	≤ 0,6	< 0,5	a) b)
Insoluble matter in H <sub>2</sub> O	-	%	≤ 0,35	< 0,3	a)

Reference:  
 a) PN-EN 973:2009 Chemicals used for treatment of water intended for human consumption - Sodium chloride for regeneration of ion exchangers (Type B).

Explanations:  
 \* - on the anhydrous mass

## Additional information

Parameters	Expressed as	Unit	Guaranteed values	Typical values
Diameter of granules	-	mm	2 - 6	3 - 5
Calcium	Ca	mg/kg	≤ 50	11 - 34
Iron	Fe	mg/kg	≤ 2	0,1 - 1,0
Sulfates	SO <sub>4</sub>	%	≤ 0,04	0,01 - 0,02
Alkalinity as Na <sub>2</sub> CO <sub>3</sub>	Na <sub>2</sub> CO <sub>3</sub>	%	≤ 0,1	0,01 - 0,03
pH 1% solution	pH	-	5,5 - 8,5	6,5 - 7,5

Salt granules are produced from salt dust and vacuum salt.

### Packaging:

- polyethylene bags on palettes (5 or 25 kg),
- cartons (2 kg).

### Transport and storage:

Sodium chloride should be transported in clean, indoor means of transport, in accordance with applicable law. The load should be evenly distributed in a manner preventing movement of packages and their mutual damage.

The product should be stored in clean and dry place with humidity below 75% in tightly closed containers.

Packages - bags should be storage on palettes. Palettes should be stored separately.

### Intended use



Softening of dishwasher water



Certificates: **ISO 9001 | ISO 14001**

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