

TEHNICAL DATA SHEET CLEANEX RESIN

1. OVERVIEW

Both borehole and mains water contain various salts and other metals that the saline solution used in the regeneration process of the cationic resin layer in the softening station cannot remove.

Over time, the level of these impurities increases inside the equipment, reducing its operating capacity. In these conditions, your softening station will no longer be able to properly protect the installation against lime deposits, affecting your investment.

2. FIELD OF USE

CLEANEX RESIN is a non-toxic, biodegradable acid agent, odorless white powder, designed to restore the efficiency of the softening station. It has the role of reconditioning the cationic resin affected by deposits of mineral salts or a high level of iron or manganese in the water.

The dose required for a reconditioning process represents 10% of the resin volume of the softening station, the consumption for a maintenance operation being a reduced one. For the best possible functioning of the softening station, periodic treatment is recommended (quarterly for water with hardness >20°C, annually for water with hardness <20°C).

3. WAY OF USAGE

The reconditioning operation is simple and economical. The brine tank of the softening station is emptied. The dose of **CLEANEX RESIN** required for reconditioning is entered (according to the table below). The cleaning and reconditioning of the cationic resin is done by manually starting a regeneration process from the control panel of the softening station.

After completing the reconditioning stage, salt tablets are reintroduced and a new regeneration process is manually initiated, which also has the role of rinsing. Once this stage is finished, you can start using the softening station again to treat the water in your installation.

Resin tank capacity / Dose required reconditioning

10 liters / 1 kg; 15 liters / 1,5 kg; 20 liters / 2 kg; 25 liters / 2,5 kg; 30 liters / 3 kg.

4. LABOR AND ENVIRONMENTAL PROTECTION MEASURES

The product contain citric acid.

The provisions regarding work and environmental safety provided in the product safety data sheet will be respected. Do not use empty packaging for food storage.

5. TECHNICAL QUALITY CONDITIONS

No.	CHARACTERISTICS	CLEANEX RESIN	
		Provided	Results
1	Appearance	Crystals, yellowish white	Crystals, yellowish white
2	pH at 1% solution in water, max	2	1,2
3	Corrosion on copper blade, in a 1:1 ratio with water, 3h at 40 °C	pass	pass
4	Corrosion on steel, in proportion with water 1:1, 3h, 40°C	pass	pass

PACKING: plastic drums at 1kg, 5kg.

WARRANTY PERIOD: 5 years in storage