

TEHNICAL DATA SHEET CLEANEX® RAD

ECO scale remover for boilers and sanitary installations

1. OVERVIEW

The product restores the heat transfer efficiency of all types of water heaters. It is a strongly acidic, non-toxic descaling agent in powder form, which dissolves a quantity of limescale deposits of up to 50% of the weight of the amount of descaling agent used.

The product contains organic acids, corrosion inhibitors, color indicator and antifoams

It is used to remove lime deposits from any type of water heater, including heat exchangers, to restore the efficiency of heat transfer.

It can be safely used on steel, stainless steel, copper, brass, PVC, ABS, rubber, polyethylene and most plastic pipes. Has a low degree of toxicity at the recommended concentrations.

Limits:

Don't use on thin aluminum pipes or heavily corroded aluminum, zinc, galvanized steel, acrylic materials (eg: plastic kettles and plastic bathtubs), enameled surfaces (eg bathtubs), concrete and asbestos.

2. INSTRUCTIONS OF USE

- Dilute the descaling agent with hot water at 40-80 °C, in a concentration of 2.5%-10%, i.e. 250 g per 10 liters of hot water, up to 1 kg per 10 liters of hot water, depending on the grade of loading the installation. . Hot water will speed up the descaling process but do not exceed the temperature of 80°C. The descaling process determines the release of carbon dioxide (CO₂), which can lead to the formation of foam. Therefore an adequate space must be reserved before starting the activity. The color change from pink to yellow indicates the exhaustion of the solution.
- Circulate the solution with an external chemical cleaning pump with a plastic tank and check valve, 40-60 minutes, reversing the direction every 20 minutes.
- If after the recommended time there are still portions of deposits, extend the cleaning time by 60-120 minutes.
- After descaling, the installation is emptied and washed thoroughly with water several times until any traces of the product or odor are removed.
- The pump is charged again with a 1%-4% ALKALINE NEUTRALIZER solution that circulates for 10-20 minutes. It is rinsed with water, until a neutral pH - measured with a pH determination kit, or with a pH-meter.

The product is recommended for professional use!

Contains: sulfamic acid, citric acid and reaction potentiators

The provisions regarding work and environmental safety provided in the product safety data sheet will be respected.

Don't use empty packaging for food storage.

3. TECHNICAL QUALITY CONDITIONS

No.	CHARATERISTICS	CLEANEX® RAD	
		Provided	Results
1	Appearance	Reddish yellow crystals	Reddish yellow crystals
2	pH 11% solution in water, max	2	1,2
3	Corrosion on copper, 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: in plastic containers of 1kg, 5kg.

Valability period: 3 years in storage

Consult the Safety Data Sheet before first use.