

## TEHNICAL DATA SHEET CLEANEX® GEL

### 1. OVERVIEW

**CLEANEX® GEL** is a scale remover with solvent content effective in removing sticky (gum) and black carbonaceous gelling deposits, formed as a result of the decomposition of antifreeze, but also of slimy and calcareous deposits that appear in thermal installations.

The **CLEANEX® GEL** product dissolves and eliminates all the deposits that can cause blockages in the collecting pipes. The product is compatible with all metals and components that are frequently found in solar systems, heat pump installations or other thermal installations.

### 2. INSTRUCTIONS FOR USE

1. Dilute the product with water in a proportion of 20% - 50%, depending on the degree of dirtiness of the installation, at a temperature of 20-30 °C.
2. Circulate the solution in the installation with a washing pump with plastic tank and check valve, 30-50 minutes with reversal of direction or with the installation pump.
3. Follow the phenomenon of removing the deposits, if the washing liquid is very loaded (brown-black color), it is evacuated from the installation and a new solution of CLEANEX GEL 10%-20% is introduced.
4. The reaction is accelerated if the recirculated solution can be heated to 40-50°C.
5. After cleaning with CLEANEX GEL, the installation is emptied and washed well with water.
6. Recharge the pump with a 1%-4% ALKALINE NEUTRALIZER solution that circulates for 5-10 minutes. It is rinsed with water, until a neutral pH - measured with a pH determination kit, or with a pH-meter.

### 3. LABOR AND ENVIRONMENTAL PROTECTION MEASURES

**Product recommended for professional use;** Work in a well-ventilated area! Protective equipment must be worn when handling the concentrated solution (anti-acid gloves, protective glasses, rubber gloves or anti-acid coveralls).

**The product contains polyphosphates and phosphoric acid! In case of accidental burns, consult a doctor**

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.

### 4. TECHNICAL QUALITY CONDITIONS

No.	CHARACTERISTICS	VERIFICATION METHOD	PROVIDED VALUE
1	Appearance	Visual	Clear
2	Content of organic substance, min	TH	10
3	Miscible with water	%	100
4	pH value, max	EN ISO 4316	<1
5	pH, solution 20%	EN ISO 4316	<2
6	Relative density at 20°C	SR EN ISO 3675:2003	1,2-1,3
7	Corrosion on Cu blade, in a 1:1 ratio with water, 3h at 40 °C	SR EN ISO 2160	pass
8	Corrosion on aluminum blade, in a 1:1 ratio with water, 3h at 40°C	SR EN ISO 2160	pass

**5. STORAGE:** Keep containers tightly closed in a dry place.

**Packing:** plastic drums of 1 kg, 5 kg and 10 kg

**Warranty period:** 2 years in storage.