

TEHNICAL DATA SHEET CLEANEX® INSTAL Alkaline scale remover for thermal installations

1. OVERVIEW

CLEANEX INSTAL is an alkaline solution, containing antifoam, used to remove oily deposits and those of mud and magnetite from installations that carry out heat transfer processes or fluid transport.

2. FIELD OF USE

It is used for the efficient removal of sludges, oils or conservation greases and magnetite through the combined action of unclogging and dispersion from the cleaned system made of steel, stainless steel, copper, PPR, etc. **It is not used in systems with aluminum, zinc and their alloys.**

Used in the recommended concentrations, the product doesn't attack rubber gaskets.

3. INSTRUCTIONS FOR USE

1. Dilute the scale remover with water in a proportion of 5% - 15%, at a temperature of 20-30 °C.
2. The solution is circulated in the installation with a washing pump with a plastic tank. It can also be used with recirculation with the central pump for 24-48 hours.
3. The cleaning phenomenon is followed. If the solution turns black, replace the descaling agent with a new solution at a concentration of 1%.
4. The reaction is accelerated if the recirculated solution can be heated to 40-50°C.
5. After descaling, the installation is emptied and washed thoroughly with water.
6. It is loaded again with a 1-4% ACID NEUTRALIZER solution that circulates in the system for 10-20 minutes. Rinse with water, until pH 7,5-8,5.
7. In order to protect the cleaned system against corrosion, it is recommended to fill the installation with thermotechnical antifreeze or introduce a corrosion inhibitor (INSTAL PROTECT 1%).

4. LABOR AND ENVIRONMENTAL PROTECTION MEASURES

Product recommended for professional use; Protective equipment must be worn when handling the concentrated solution (anti-acid gloves, protective glasses, rubber gloves or anti-acid coveralls).

The product contains sodium hydroxide! 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.

5. TECHNICAL QUALITY CONDITIONS

No.	CHARACTERISTICS	CLEANEX INSTAL	
		Provided	Results
1	Appearance	yellowish	yellowish
2	pH ,max	12-14	>12
3	Corrosion on copper blade, in proportion with water 1:1, 3h at 40 °C	pass	pass
4	Corrosion on steel, in proportion with water 1:1, 3h, 40°C	pass	pass

Packing: plastic drums of 5 kg ,10 kg.

Warranty period: 3 years in storage.