

TEHNICAL DATA SHEET CLEANEX® SOLAR PLUS

Fast acting scale remover for solar panels

1.OVERVIEW

CLEANEX SOLAR PLUS is a fast and efficient cleaning product, specially designed for solar thermal systems, in order to dissolve and eliminate with extreme speed the carbonate deposits that can cause blockages in the collector pipes. These black, sticky, adherent deposits are generated by the degradation excessive due to the thermal shocks of the solar fluid.

The product is a clear slightly yellowish organic solution, fully compatible with all metals and components that are frequently found in solar systems. For operational efficiency, it is used as such.

2. INSTRUCTIONS FOR USE

1. Discharge the degraded thermal fluid from the solar heating system and do a general washing with water.
2. Empty the system completely of water and load the entire system with **CLEANEX® SOLAR PLUS**, making it circulate for approximately 2-3 hours.
3. The system is emptied. The recovered solution can still be active for 1-2 cleanings if its appearance is light brown.
4. Don't use the product diluted with water or mixed with other acidic / alkaline solutions.
5. After emptying the installation of **CLEANEX® SOLAR PLUS**, rinse the installation thoroughly with water.
6. In order for the cleaned system to function properly, it is recommended to fill the installation with Solar Antifreeze from the **CHEMSTAL®**.

3.BENEFITS

- Ready to use – doesn't require any dilution
- Removes consistent deposits produced by degraded antifreeze
- Efficiency even at room temperature
- It doesn't foam and is easy to remove
- Compatible with the materials used in the solar installation

4. LABOR AND ENVIRONMENTAL PROTECTION MEASURES

Product recommended for professional use; Work in a well-ventilated area!

Protective equipment will be worn when handling the concentrated solution. Keep away from sources of ignition.

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. TEHNICAL QUALIY CONDITIONS

No.	CHARACTERISTICS	VERIFICATION METHOD	PROVIDED VALUES
1	Appearance	Visual	yellowish
2	Miscible with water	-	100.00%
3	pH ,100g/l la 20°C	SR EN ISO 10523:2012	8,5-9,5
4	Boiling point	ASTM D 2887	200°C
5	Auto-ignition temperature	-	245°C

6. STORAGE: Keep containers tightly closed in a dry place.

Packing: plastic drums of 5 kg and 10 kg.

Warranty period: 2 years in storage.