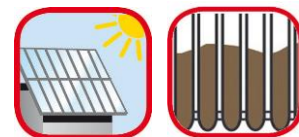


SOLAR CLEAN



Dissolver sludge in solar plants

DESCRIPTION:

SOLAR CLEAN is a fast and effective cleaning product specifically for solar thermal. SOLAR CLEAN was specially designed to remove and delete with extreme speed sludge generated by solar fluid degraded by overfishing and high thermal shock that could cause blockages in the pipes of the manifold.

This ensures optimal efficiency of solar thermal plants already in operation. SOLAR CLEAN is a liquid product, transparent, odorless, fully compatible with all metals and components that are commonly found in solar plants.

PROPERTIES AND APPLICATION:

The thermal fluids used in solar heating systems can degrade with time due to prolonged exposure to high temperatures. This degradation process, recognizable by the darkening of the thermal fluid, not only reduces the duration, but also has negative effects on the plant, with the following consequences:

- The color changes and increases the viscosity;
- The densification of the fluid and solid deposits cause blockages;
- It reduces the diameter of the pipes;
- Goes up the freezing point;
- Decreases the value of pH;
- The degraded fluid has a lower heat exchange capacity.

INSTRUCTIONS FOR USE:

To restore the proper operation of solar heating system, you must download the degraded thermal fluid, make a general wash with water, drain the system and load SOLAR CLEAN in the circuit for about two – three hours with the amount needed to fill the entire circuit.

Empty the circuit and arrange a fast washing with water; lastly load the plant with the right amount of propylene antifreeze, suitably inhibited, in order to obtain a good anticorrosion and antifreeze coverage.

VANTAGES:

- Ready to use – requires no dilution;
- Removes sludges and deposits produced by the degraded thermal fluid;
- Effective even at room temperature;
- Non frothy and easy to dispose of;
- Compatible with the materials used in the solar system.



TECHNICAL DATA:

Appearance	liquid
Color	fluorescent pink
Odor	characteristic
pH on 100g/l at 20 °C	8,5 ÷ 10
Melting point	-23,6 °C
Boiling point	204,3 °C
Lower explosion limit	1,3 % (V)
Upper explosion limit	9,5 % (V)
Ignition temperature	245 °C
Vapour pressure at 20 °C	0,32 mBar
Density at 25 °C	1,040 g/cm ³
Water solubility	complete
Coefficient of n-octanol/water	-0,46
Auto-ignition	not auto-inflammable
Surface tension	0,41 mN/m

PRECAUTIONS FOR SAFETY AND HEALTH:

After contact with skin, wash thoroughly with soap and water, in case of contact with eyes, rinse immediately for at least 15 minutes under running water and consult a doctor.

HANDLING: provide good ventilation and air in the store and workplaces. Provide measures against static buildup – Keep away from ignition sources – to provide a flame retardant.

STORAGE: Keep containers tightly closed in a dry place. For further information ask for the MSDS.

Shelf life: 24 months

PACKAGING:

Tanks of 5 liters
Tanks of 10 liters.

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