



SANOSIL

DISINFECTANTS FOR LIFE 



Sanosil TPC-S

Cleaner & Descaler
for tanks and pipes

www.sanosil.com

Sanosil TPC-S

Broad-spectrum descaling agent with corrosion protection



... for the cleaning and decalcification of tanks, pipes and technical installations

- ✔ Dissolves poorly soluble mineral deposits incl. phosphate and calcium magnesium
- ✔ Removes metal hydroxides (rust etc.)
- ✔ With effective corrosion protection for metal parts
- ✔ Restores flow and the function of encrusted fittings
- ✔ Optimises heat transfer in plate heat exchangers
- ✔ Easy to rinse out - also suitable for drinking water systems
- ✔ Low foaming for optimal handling
- ✔ Ideal for disinfection pre-treatment with Sanosil disinfectants
- ✔ Quality product from Swiss production



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SANOSIL AG • CH-8634 Hombrechtikon • Schweiz
E-mail: kundeninfo@sanosil.com
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Sanosil TPC-S: Produktbeschreibung

TPC-S is an efficient, acidic broad-spectrum descaler for the gentle removal of carbonate and phosphate crusts, calcium-magnesium salts and other poorly soluble mineral deposits. Metal hydroxides (rust/fly rust) and zinc compounds are also removed, thus achieving a pickling effect.

Sanosil TPC-S has integrated corrosion inhibitors which effectively protect metal parts from corrosion during the cleaning process.

The product is preferably used for descaling and cleaning tanks, pipes and fittings in means of transport such as ships and trains. However, it has also proved very effective for the treatment of technical installations such as spray nozzles, hot water systems, plate heat exchangers, cooling and steam systems.

The application of Sanosil TPC-S is ideal for pre-treatment for disinfection with Sanosil disinfectant for additional removal of microorganisms and biofilms.



Evaporative cooling system with strong lime and dirt crusts



Sanosil TPC-S



Overview:

Product type

Concentrate (Dangerous Goods) UN No. 3265

Application

Circulation/flow-through method, immersion treatment, spraying on

Dosage / contact time

Undiluted-1:10 with water for 15 min-15 hours.

Application temperature:

20-40 °C

pH value

1

Contains:

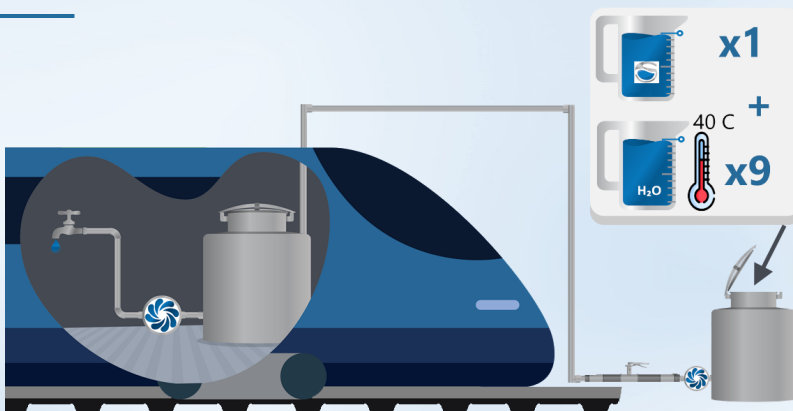
Hydrocarboxylic acid
2-hydroxyethanoic acid
Methyl sulphonic acid
Ethylhexyl hydrogen sulphate



Precautions:

Sanosil TPC-S may only be used by professional users. It causes severe burns to the skin and severe eye damage on contact. The usual safety and occupational health measures apply when handling acids to protect the eyes and skin. (See safety data sheet for details).

Practical use:



Descaling of tanks and pipes

For dissolving mineral deposits and metal oxides in tanks: Mix a TPC-S solution with warm water and introduce it into the tank or water system with a chemical-resistant feed pump and distribute it inside.

The exposure time and concentration depends on the contamination / calcification.

Then rinse thoroughly with fresh water.

Dosage TPC-S: ~ 1:10 diluted with water

Water temperature: 20-40 °C

Reaction time: 1-2 hours



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Spray

A cleaning solution is prepared and sprayed directly onto the objects / surfaces to be descaled with a sprayer. If foam formation is constant, add some liquid if necessary. Rinse with water when the foam formation decreases considerably.

Dosage TPC-S: 100%-10% (undiluted 1:10 with water)

Water temperature: 20-40 °C

Reaction time: ~ 15-60 minutes

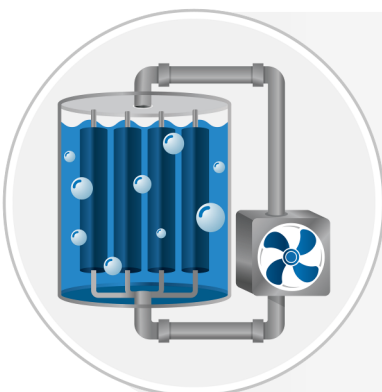
Immersion/ Insertion

Place calcified / encrusted parts in a bath of TPC-S and water. The concentration, temperature and exposure time depend on the degree of soiling / thickness of the mineral deposits. As soon as no more bubbles form, the cleaning process is complete. Remove the parts from the solution and rinse thoroughly with clear water. The cleaning solution can be used several times.

Dosage TPC-S: ~ 1:10

Water temperature: 20-40 °C

Reaction time: 15-60 min



Circulation / Continuous Process (CIP)

A cleaning solution is created and ideally circulated with the delivery pump (CIP principle). The cleaning solution can be stacked and used several times. After the cleaning solution, rinse the system thoroughly with clear water.

Dosage TPC-S: ~ 1:10

Water temperature: 20-40 °C

Reaction time: 15-60 min

Post-treatment with Sanosil disinfectant (optional)

Sanosil TPC-S is an ideal pre-treatment and cleaning for water systems. If, after cleaning, disinfection is also desired to remove germs / biofilms, the disinfection products Sanosil S015 / Super 25 are ideal.

The usual dosage is 1 ml Super 25 per litre of water or 6-7 ml Sanosil S015. Reaction time 1-4 hours.

Important: Treatment with TPC-S and Sanosil disinfectant should be done one after the other and with an intermediate rinse. The products should not be mixed.



Our technical application advice, both written and verbal, is based on extensive testing.

We provide advice to the best of our current knowledge, but this is non-binding insofar as application and storage are beyond our direct control. Product descriptions or information about the properties of the preparations do not contain any statements about liability for any damage.



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