

# Edelstahl-Reiniger FL 3000

## for cleaning stainless steel swimming pools

### Product description

- ▶ **Edelstahl-Reiniger FL 3000** easily removes organic impurities, calcium and deposits from winter storage.
- ▶ Rust marks from e.g. hair clips and discolorations from e.g. copper coins are removed.
- ▶ If there are mainly rust and lime deposits on the surface and only a few oils and greases, then we recommend our **Edelstahl-Reiniger FL 1010**.

### Processing / Pool cleaning step 1

- ▶ The cleaner can only be processed with acid resistant devices and stored in acid resistant containers.
- ▶ Do not apply at a surface temperature below 10°C and above 35°C and under exposure to sun.
- ▶ Misapplication can result in staining.
- ▶ Plastics in swimming pool construction are not attacked.
- ▶ Wear the prescribed personal protection.
- ▶ Store the containers closed in a darkened room in a safety basin.
- ▶ After 36 months, transfer the product into a new acid resistant container.
- ▶ Pay attention to the instructions in the safety data sheet.

### Personal Protection

Please observe the safety instructions of the safety data sheet during processing and wear the necessary protective equipment already when decanting the cleaner.



### Dilution

The cleaner is used pure for final construction cleaning.

For spring cleaning, the cleaner can be diluted up to 1:2 with tap water. If there is rust in the pool or in the overflow channel, the cleaner should be used pure here as well.

### Preparing the pool

To clean the pool, it must be empty and free of leaves and branches. The surface should be cleaned from coarse dirt with a high-pressure device in advance. Before the cleaner is applied, all surfaces around the pool should be wetted and acid-sensitive stone floors must be covered.

Then headlights, floor drain covers and other covers are dismantled. These parts must also be cleaned with **Edelstahl-Reiniger** and checked for rust.

## Application

Then apply the cleaner to the stainless steel with an acid-proof sprayer from bottom to top. The surfaces must be sprayed entirely. Dry spots can be seen after cleaning, as the cleaner does not work there. First the pool wall is sprayed, then the bottom and finally the overflow channel.

## Exposure time

One can clearly see how rust dissolves in the cleaner. Calcium and organic deposits are only completely removed by the mechanical action of the high-pressure jet or the white fleece. The exposure time is over once the dirt can be easily removed from the surface. With the white fleece one can test whether the contamination can already be removed from a contaminated area. As a rule of thumb: at a surface temperature of 15°C 45-60 minutes, 20°C 25-35 minutes, 25°C 20 minutes.

## Washing off

After the exposure time, organic impurities are removed with a white fleece. This also removes the black line that forms in the area of the water line and rust that has not yet been dissolved by the cleaner. The white fleece cannot scratch the surface and may also be used in the visible area and on the floor. Afterwards the surface is thoroughly rinsed with a water jet without a high-pressure device, so that the cleaner is rinsed off the surface in advance. As a result, no cleaner is sprayed onto surrounding objects during the subsequent high-pressure washing process. Then wash with cold water and a high-pressure device at 100 bar to a maximum of 250 bar. During the washing process, the water jet should act on every square centimeter of the surface. Wash off from top to bottom. First the overflow channel, then the walls and afterwards the floor. The surface is acid-free once the high-pressure jet no longer produces foam. One can also check the area with a pH indicator paper. This way acid residues can be detected very easily and quickly.

## Wastewater treatment

During the washing process **Neutralisationslösung** is added to the wastewater. The canister is placed with an outlet tap leading to the drain and thus the neutralizing agent is slowly mixed with the draining wastewater. This neutralizes the cleaner and it can be drained directly. (Nevertheless, please observe the local regulations). 1 KG **Neutralisationslösung** is added per KG of **Edelstahl-Reiniger** applied.

The next step is passivation. Please refer to the relevant product data sheet and guide for processing instructions.

## Storage

The cleaner can be stored for an unlimited period at temperatures from -10°C to 35°C. The container may become brittle after 36 months of exposure to sunlight and the product may leak. Only suitable containers may be used for storage. New containers must be marked accordingly.

## Transport

The cleaner is hazardous material and subject to certain regulations.

## Disposal

The cleaner and its container must be disposed of at a hazardous or special waste collection point.