

Water Care Instructions

Pool Care in 5 Steps

POOL CARE



A759001TD



Pool Care



How much of the pool care products do I have to add to my pool?

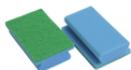
Take full advantage of our Pool Care App with integrated dosing calculator.



Cleaning and Care

Before filling your pool

Before filling, clean the pool carefully with **Pool cleanser alkaline** (normal impurities) or **Pool cleanser super** (for lime deposits).



Hand scrubber to apply the pool cleaner, for easy cleaning



Pool brush for stubborn dirt

After successful cleaning, we recommend treating the pool walls and the pool bottom with ALGEZID foam-free. ALGEZID foam-free is a liquid, chlorine-free algae prophylactic.

Before activating the filter system, please check the filter sand. Replace it when it is no longer fine-grained. Be sure to insert a new filter cartridge when using a cartridge filter system.

Filling the pool

We recommend filling the pool with well water by no means! Well water is usually heavily ferrous and coppery. This water can be saved only with the aid of highly concentrated chlorine or special chemicals. The price advantage which results from the filling with well water is more than offset by the increased demand for water care products. Use therefore preferably water from a public waterworks, because this has already been prepared.

Cleaning

Regular cleaning of your pool liner prolongs its durability. Detergents adapted for the particular field of use facilitate your care.

Further information and instructions for use of the products and their safety data sheets can be found on the internet at:
<http://www.steinbach-chemicals.com>

The water care instructions are available for download in the following languages: DE, EN, FR, IT, SWE, CZ, SK, SLO, HU, HR, RO



Recommendation for Care

Pool cleanser alkaline

Material saving, fat-dissolving. Used for indoor and outdoor pools. Easily dissolves grease, lime soap and normal dirt.



Pool cleanser super

Strongly acidic cleaner for the main- and the spring-cleaning of swimming pools. POOL CLEANSER SUPER easily dissolves all strong lime deposits, rust and general dirt.



Scum line gel cleanser special alkaline

Effective cleaning of all pool materials (tiles, liner, polyesters, fittings, etc.). SCUM LINE GEL CLEANSER SPECIAL ALKALINE is characterized by its high content of cleaning substances. The excellent dissolvent and cleansing effect removes even stubborn lime deposits. The swimming pool regains color and luster.



Leaf net and telescopic pole

For removing leaves and debris from the water surface



Vacuum cleaner, suction hose and telescopic pole

To clean the bottom



⚠ Clean your pool bottom regularly. Dirt, leaves etc. serve as a fertile soil for bacteria and algae.

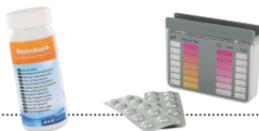
pH control

The main thing is a correctly adjusted pH-value. This is essential for optimum performance of the used water care products.

The pH-value should be checked immediately after filling your pool with the test kit or Quicktest strips. The measured value (comparison measurement) should always be between 7.0 and 7.4 and always be within this range during further use. The pH is influenced by factors such as water temperature and bath frequency. Therefore, the measurement should be repeated at least once or twice a week.

Testing method:

Quicktest strips or test kit with tablets



8,5

Effects of too high pH-value:

- Great lowering of disinfection effects
- Water tends increasingly to lime deposits and turbidity
- There is an increase of eye and skin irritation

8,0

7,5

7,4

Perfect pH-range for optimal water care

7,0

6,5

Effects of too low pH-value:

- The water becomes increasingly corrosive
- Odor nuisance and mucosal irritation

6,0

If the pH-value is lower than 7.0 add **PH-PLUS** (pH raiser), if the pH-value is above 7.4 add **PH-MINUS** (pH reducer). Afterwards let your filter system work at least 24 hours to ensure optimum "mixing". Then check the pH value again.

To measure the water temperature, we additionally recommend a floating pool thermometer.



Disinfection

Chlorine disinfection

Germes and bacteria find optimal conditions in your pool water, the higher the temperature is. In addition, impurities by bathers and from the environment occur. To prevent these effects, we use disinfectants based on chlorine. They eliminate bacteria and germs and disinfect your pool water.

Testing method:

Quicktest strips or test kit with tablets

The ideal chlorine level is in a range between 0.3 to 0.6 mg / l. The measurement should be made once per week at least.



First chlorination

Chlorine granules

Is a fast-dissolving disinfectant, which is immediately effective against fungi and viruses and reduces organic turbidity and impurities in the pool water. CHLORINE GRANULES is lime-free, pH-neutral and can be used for each water hardness.

⚠ Organic and inorganic chlorine products must definitely not be mixed!



Disinfection part 2

Routine disinfection

You should add the disinfectant not before the chlorine level is in the low range of the recommended value. Consider also that proper disinfection or a crystal clear water is only possible in conjunction with an adequate filtering and with a filter system adapted for the water quantity.

Chlorine tabs 20 g - FreshUp Sparklingtabs

Are fast-dissolving chlorine tablets that have an immediate effect against fungi and viruses and reduce organic turbidity and impurities in the pool water.



Chlorine tabs 200 g slowly soluble

Are lime-free, slowly soluble and act for a long time against bacteria, viruses and fungi in the pool water and reduce organic turbidity and impurities. CHLORINE TABS 200 g SLOWLY SOLUBLE can be used for every water hardness, they dissolve without residue and do not cause debris or clogged filters.



Quattrotabs 200 g slowly soluble

Is the complete swimming pool care for the routine disinfection, algae prevention and flocculation (with sand filter). QUATTROTABS 200 g SLOWLY SOLUBLE act for a long time against bacteria, viruses, fungi, algae and cloudiness.



Total blue 20 g slowly soluble

Is the complete swimming pool care for the routine disinfection, algae prevention and pH stabilization. TOTAL BLUE 20 g SLOWLY SOLUBLE provides a crystal clear, navy blue pool water. The new active agent combination enables secure and simple water care with a single tablet, also for small swimming pools.



Dosage float for chlorine tablets

⚠ Chlorine tablets must never be thrown directly into the water.



Disinfection part 3

Disinfection part oxygen

Germ and bacteria find optimal conditions in your pool water, the higher the temperature. In addition, contaminants are introduced by the bather and the environment. To prevent these influences, we use oxygen-based disinfectants. These eliminate bacteria and germs and disinfect your pool water.

Testing method:

Test kit with tablets

The ideal active oxygen content is between 5.0 and 10.0 mg / l.
The measurement should be done at least once a week.



First and routine disinfection

For optimal effectiveness, the combination of oxygen granules / oxygen tabs and oxygen activator is required.

The addition of the listed products should be made according to the dosage recommendation (product label). Also take into account that proper disinfection or crystal clear water can only work in conjunction with adequate filtration or a well-tuned filter system.

A change from chlorine to oxygen disinfection or vice versa is possible at any time.

Oxygen granules

For disinfection and oxidation of impurities based on oxygen without chlorine, by elimination of active oxygen in aqueous solution.



Oxygen activator liquid

Is a part of the water care system based on oxygen without chlorine. It is used to enhance the disinfecting effect of the oxygen product and to prevent algae growth.



Expedients

Flocculation - Removing cloudiness

Smallest dirt particles cannot be retained by the sand filter. To remove them, we recommend the use of flocculants.

⚠ Only for use with sand filter systems!

Flocculant Cartridges

Non-filterable impurities in the water can be made filterable by using FLOCCULANT CARTRIDGES. The pre-portioned flocculant in the FLOCCULANT CARTRIDGES forms flakes on the way to the filter which envelop even the smallest dirt particles. These particles can be retained by the filter. So the pool water is cleaned from smallest dirt particles when the circulation proceeds continuously. The water becomes crystal clear. Because of the improved formula the FLOCCULANT CARTRIDGES operate even better over several days.

Superflock liquid

Bonds suspended particles to a "flake". This way suspended sediment which cloud the water and normally passes through the filter can be filtered out.



Hard water

The harder the water the greater the risk of limescale, lime precipitates and cloudiness in your pool. The addition of HARDNESS STABILISER LIQUID at the begin of the season prevents these negative effects.

Hardness stabiliser liquid

HARDNESS STABILISER LIQUID reduces limescale and lime precipitates in pool and filter systems. No water turbidity occurs.



Metals and metal deposits in the water

We recommend filling the pool with well water by no means! Well water is usually heavily ferrous and coppery.

Metall-Ex liquid

Removes metals and metal deposits from the water. Metals and lime are crystallized, settle down in the filter and can be removed by backwashing. Immediately after addition of METAL-EX LIQUID you can bath again.



Algae prevention

Algaecide liquid

Highly concentrated and foam-free algae prevention with clear effect. Long-acting liquid algaecide to prevent algae formation and to kill existing algae.



⚠ Algae are a breeding ground for bacteria. For sustainable algae-free pool water the use of ALGAECIDE LIQUID is absolutely recommended.

When using multi-functional tablets you don't need ALGAECIDE LIQUID, as these tablets contain already materials to prevent algae growth.

Winterizing

If the water in your pool is only lowered and the pool is not completely dismantled, we recommend the winterizing not before the water temperature is below 12 ° C. When the temperature is higher, the filter pump should work regularly and the water care should be executed as during the pool season (pH, chlorine value). Otherwise algae may arise even before the winter months.

Whether your pool is allowed to stay up during the winter, please refer to the user guide.

After lowering the water level, we recommend adding a winter care product to avoid algae in the winter months.

Winter care product liquid

If used once in autumn, it prevents strong adhesion of dirt and lime deposits and the strong growth of algae in the filled pool during the winter. WINTER CARE PRODUCT LIQUID makes an effortless spring cleaning possible.



Troubleshooting - What is to be done ...

Problem: **cloudy, dirty water**

Cause: faulty filter function, too many substances

Solution: Backwashing. If the filter system is calcified, use an acidic filter cleaner. If the filter system is ok, make a shock chlorination, meaning raise the chlorine level of the pool water up 3 mg / l for a short time. The addition of flocculants is recommended as an additional measure (CAUTION: prohibited for cartridge filter systems). Backwash thoroughly. Clean cartridge filter or replace by a new one.

Problem: **milky water**

Cause: lime precipitates, not filtered particles

Solution: Adjust the pH level to 7.2 (by adding pH-Plus or pH-Minus). If there are flocculated flocculants turn off the circulation pump and remove the flakes on the bottom with the pool cleaner after about 10-12 hours. Lime precipitates in the pool water (turbidity, shimmering white coating on the water surface, etc.) usually disappear shortly after adjusting the pH to 7.2 and after the addition of a flocculants while the filter system is running. (CAUTION: prohibited for cartridge filter systems). Backwash thoroughly. Clean cartridge filter or replace by a new one.

Problem: **greenish water, algae, slippery pool liner**

Cause: too little disinfectant in the water, algae growth

Solution: Adjust the pH level to 7.2. Let the filter system run continuously during the first 1-2 days. For disinfection with chlorine: Wipe dead algae from the pool walls. Remove algae from bottom with a brush and an aspirator. Make a shock chlorination, meaning raise the chlorine level of the pool water up 3 mg / l. The addition of ALGEZID FLÜSSIG is recommended. Backwash thoroughly. The added chlorine has degraded after a few days. Backwash thoroughly. If the water is not clear after 1-2 days, repeat the procedure. Cartridge filter system: Frequently clean or replace the cartridge.

Problem: **brown water**

Cause: iron deposits in the water

Solution: Adjust the pH level to 7.2 by the addition of a pH control agent. Add flocculants and, if necessary, METALL EX FLÜSSIG (CAUTION: prohibited for cartridge filter systems), prolong filter run time, backwash thoroughly. Frequently clean or replace the cartridge.

Water quantity calculation

Problem: unpleasant odor

Cause: too low chlorine dosing, non-degraded organic substances

Solution: Adjust the pH level to 7.2 by the addition of a pH control agent. After a shock chlorination this smell will disappear after a short time.

Problem: skin and eye irritations

Cause: non-degraded organic substances, pH level too high, low chlorine dosage.

Solution: Adjust the pH level to 7.2 by the addition of a pH control agent. If there is too little chlorine in the water, raise the chlorine content. If the chlorine content is too high, reduce addition.

Calculation of the pool capacity

For properly dosing of the water care products, you need to know how many m³ water your pool holds. Depending on the pool shape, you can calculate the volume with the formulas listed below.

m³ = cubic meter

1 cubic meter = 1,000 liters



Rectangular pool

Length (m) x width (m) x depth (m) = pool capacity (m³)



Round pool

Diameter (m) x diameter (m) x depth (m) x 0,78 = pool capacity (m³)



Oval pool

Length (m) x width (m) x depth (m) x 0,89 = pool capacity (m³)



8-shape pool

Length (m) x width (m) x depth (m) x 0,85 = pool capacity (m³)

 Or use our online dosage calculator at:
www.steinbach.at/poolpflege

General information

Please note!

The recommended care products for your pool are delivered in concentrated form. For correct handling, we recommend reading the instructions on the packaging carefully. All pool accessories should always be stored in a safe place and out of the reach of children. To extend the durability of the products, we recommend storing them in a cool location. In no case you may expose chemicals or storage containers with chemicals to direct sunlight. Due to the high temperatures, the optimal effect of the products can be affected negatively.

**Use biocide products carefully.
Always read label and product information before use!**

Pool Care Calculator

Take full advantage of our Pool Care App with integrated dosing calculator.



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Application errors, typing and printing errors excepted!

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