



SWIMMING POOL DOMESTIC WATER

WATER TREATMENT

disinfection pH-regulation flocculation algae-removal filter cleaning water quality control

dinax®

LONGLIFE
CHLORINE FREE WATER TREATMENT FOR LONG LIFE

LEGEND

PACKAGING:



tub



bottle



can



pail



drum



bag



IBC container

ICONS:



paddling pool



domestic pool



jacuzzi



hotels, pensions



public pools



pond



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Founded in 1995, Dinax earned the prestigious “For Budapest’s Economy” and “For Hungary’s Economy” awards in recognition of its premium public and private water treatment solutions. With more than 27 years of professional experience in manufacturing, distribution, and consulting – plus its outstanding testing background – the company is constantly improving to better serve their trusted clients. Backed by EN ISO 9001:2015 & EN ISO 14001:2015 certifications for water testing, Dinax’s in-house laboratory provides customised water utilisation and disinfection consulting based on water analysis.

DINAX’s product range covers the entire field of residential, corporate, and industrial water treatment, including:

- water treatment of public and private pools and hot tubs,
- residential water treatment, and
- industrial water treatment.

In addition, we supply environmentally friendly biological products for agricultural plants and industrial wastewater treatment.

PRODUCTION:

The vast majority of our products are manufactured in our own production facilities. Thanks to decades of manufacturing experience of our chemical engineers, we are able to supply uniquely high-purity products with international licences.

DELIVERY:

Not only do we have our own production capacity, but our ADR trucks deliver our products to the entire CEE region. For further deliveries, we use our well-established transport partners.

LABORATORY:

In addition to in-process quality control, our laboratory is also equipped for drinking and bath water testing. For water treatment, a precise knowledge of water quality is essential in order to be able to make a detailed and professional proposal for the treatment that meets the customer’s needs. For technological purposes, we carry out high-precision analyses of water samples coming into the laboratory as a basis for the development of problem-solving proposals.

In addition to water testing, our laboratory offers the following services:

- analysis and suggestions for the appropriate cleaning material and process for the removal of scale and mineral deposits on the basis of a sample (e.g. tiles, pipe sections);
- microscopic examination and cleaning of the sand filter material, professional recommendation of the appropriate treatment procedure, and replacement of the material based on its condition;
- checking, calibrating, and repairing measuring instruments.





LONGLIFE – CHLORINE-FREE WATER TREATMENT FOR PROLONGED LIVING

The LONGLIFE range of products disinfects, adjusts pH, flocculates, and treats algae in bathing, spa, and thermal waters, i.e., provides complex water treatment without changing the composition of the water's medicinal substances! These substances are also used in places where chlorine cannot be used under any circumstances, such as waters with a high ammonium or organic content, which, if treated with chlorine, would produce carcinogenic substances. The long-term positive effects of LONGLIFE products are proven by the experience of several large hotel chains and thermal spas throughout Europe.

THE LONGLIFE PRODUCT PORTFOLIO

CHLORINE-FREE DISINFECTION

The LONGLIFE Chlorine Free Disinfection product range consists of patented disinfectant liquids with a much higher stability than hydrogen peroxide, because they contain additional components that increase effectiveness. They are specifically recommended for the treatment of wellness facilities, competition pools, and baby/children's swimming pools. Uniquely, they do not alter the composition of the spa water, so they can also be used to disinfect drain and fill pools.

CHLORINE-FREE PH ADJUSTMENT

Although the effectiveness of chlorine-free disinfectants is not affected by pH, keeping the pH within the range of 7.2-7.4 is an essential part of bathing water treatment. High pH levels can lead to a strong increase in the tendency to scale, and pH levels above 7.8 or below 6.8 can irritate bathers' skin. Therefore, LONGLIFE Chlorine-free pH-boosting and pH-reducing solutions ensure an optimal pH value and, thus, an enjoyable bathing experience in public pools, spas and private pools.

CHLORINE-FREE FLOCCULATION

Tiny, microscopic impurities in pool water, although invisible to the naked eye, cause the water to become opaque in larger quantities, making it hard to see the bottom of the pool. To ensure crystal-clear, sparkling pool water, these impurities can be converted by flocculants into filterable flakes, which in this state are large enough to be bound to the filter media. LONGLIFE's chlorine-free flocculants help to keep the pool water cleaner and clearer even when disinfectants are used.

CHLORINE-FREE ALGAE TREATMENT

Algae are plant microorganisms that provide a breeding ground for bacteria. When they proliferate, they first cause aesthetic problems. If not treated properly, the water, which initially appears cloudy and greenish, can later turn into a stringy, lumpy, or even gelatinous substance floating in the water, which can be physically disturbing. In addition to the direct health risks posed by algae, the main danger of algae growth is that the algae consume the disinfectant, allowing the growth of truly dangerous bacteria. LONGLIFE Chlorine Free Algaecides prevent algae growth by reducing the phosphate content of the water, ensuring crystal clear, healthy water.

Dinax Ltd. is the market leader in Hungary for chlorine-free disinfectants. These authorized products contain active oxygen and they are significantly more stable than technical-grade peroxide. In addition, they contain some further components that enhance their efficiency.

It does not alter the composition of the thermal water and can therefore be used for disinfection of filling and drainage pools. In public swimming-pools and baths the use of **DEWAN®-50** and **DEWAN®-35**, while in private swimming-pools and whirlpools **DEWAN®-18** is recommended.

Although it is not so widespread yet, chlorine-free disinfection has numerous advantages, which are listed below:

- it does not dry out skin,
- it does not irritate the eye,
- it has no odour,
- it does not react with other components in water,
- no harmful substances are produced,
- it decomposes without residuals,
- it does not affect the pH level of water, and its effectiveness is independent of it,
- also effective against chlorine-resistant bacteria (Pseudomonas, Staphilococcus, Legionella).

DEWAN®-50

liquid

disinfectant

Stabilized, disinfectant with broad spectrum. It is also effective against Pseudomonas, Staphylococcus and Legionella bacteria, can also be used for periodic disinfection when they appear. It can also be used unlimited for high-ammonia-content water. It can be fed only with dosing pumps.



Packaging:



DEWAN®-35

liquid

disinfectant

Providing the same effect as DEWAN®-50 in smaller concentration. This product does not modify the composition of thermal waters, as a result it can be applied to disinfect even pools with a fill-discharge water system. DEWAN®-35 is a wide-spectrum disinfectant effective against Pseudomonas Aeruginosa, Staphylococcus and Legionella bacteria, so it can be used also for periodic disinfection at the moment when they appear in the pool. It can be used unlimited in waters with high ammonium content.



Packaging:



DEWAN®-18

liquid

disinfectant

The dispensing-facilitated version of DEWAN®-50, developed for disinfection of small pools/children's pool, whirlpools and jacuzzis. The product can be used for all swimming pools with water recirculation and filtering systems. It can be dispensed with a peristaltic pump or manual metering. It can also be used for disinfecting surfaces. Wide spectrum disinfectant with all the benefits of DEWAN®-50.



Packaging:



DEWAN®-7

liquid

disinfectant

Wide spectrum disinfectant with all the advantages of the above two DEWAN® products. 7% hydrogen peroxide-content product, recommended for disinfection of pan-tiles and small whirlpools. It can be manually dispensed (we recommend using the cap of the can). It can also be used for disinfecting surfaces.



Packaging:

Take care of safety when using disinfectants. Always read the label and the operating instructions before use.

Due to the effect of hot sunshine and areas of still water in the pool, algae can appear as the concentration of chlorine is depleted. Algae are plant microorganisms that serve as a medium for bacteria. When they are exhausted, they first cause aesthetic problems (obscure, greenish water), which, if not treated properly, can be physically disturbed by the fibrous, knotty or gelatinous fluid that floats in the water, thus making the sand filter useless. Apart from the fact that certain algae can directly endanger our health, the greatest risk of algae is that algae that grow in water will consume the disinfectant, thus enabling the growth of truly dangerous bacteria.

ALGI-CID

liquid

algae prevention

It is an effective algae-preventing agent with extremely broad spectrum. Dosed weekly or fortnightly, in problematic pools can prevent algae formation. It is effective at all pH values. It does not cause foaming if dosed at high concentrations. It can also be used with chlorine-free agents.








Packaging:

1
KG

3
KG

5
KG

20
KG


In pool water susceptible to algae, a very effective method of prevention is the binding of the nutrients of the algae, and the phosphate compounds, which the algae cannot utilize as nutrients. For this purpose, our phosphate-reducing fluids have been developed, which are either given as needed or continuously. Due to their immediate phosphate-reducing effect, the destruction of algae begins within a short period of time and the water can be kept algae-free without long-term use. Phosphate levels may cause over recurrence of algal problems above 0.2 mg/l. With measuring strips, photometers and our laboratory, we are able to test the parameters from the imported water sample.


DINAX PHOSPHATE MINUS NORMAL

liquid

algae-prevention with phosphate removal

For reduction of the phosphate concentration of public pools. It has a delayed, indirect effect to eliminate algae. It is strongly recommended that the composition be added to the filling or top-up water proportionally to its phosphate content. The algal formation of this phosphate-free swimming pool is extremely small.




Packaging:

10
KG

The pH value of the pool water naturally rises through natural processes following the pool's filling. Our skin and eyes are very sensitive to improper pH levels, and the effectiveness of chlorine disinfectants is greatly influenced by the pH value of the water being treated.

Due to these two important factors, it is necessary to regulate (measure and adjust) the pH value.

The optimal pH value, taking into account the comfort of the bathers, is between 7.2 and 7.4.

The natural pH rise is mitigated by solid chlorine-based disinfectants, which are acidic in dissolved form. Overdosing of these disinfectants not only causes an excess of chlorine but also the accumulation of their stabilizing agent (cyanuric acid), which first manifests itself in low pH levels. In this case, the acidic pH can be temporarily corrected with a pH-raising agent, but significant improvement in water quality can be achieved by refreshing the water.

DINAX® MINUS F

liquid

pH decreasing

We recommend mainly for public pools, or for private pools with dosing pumps. 35-37% sulfuric acid, excellent for dosing with metering pumps. (Higher concentrations of chemicals may damage the metering pumps!)



Packaging: 25 KG IBC

DINAX® MINUS P

granules

pH decreasing

Well soluble granules to quickly reduce the pH value of the pool water. Easy to use, it can be sprinkled directly into pool water, and dosage is easy to calculate.

For public users, we recommend the continuous maintenance of whirlpools.



Packaging: 1 KG 5 KG 10 KG 25 KG

DINAX® PLUS F

liquid

pH-increasing

Liquid for increasing the pH value of water for utility baths. It can be easily controlled with a chemical dosing pump, its effectiveness can be easily measured.



Packaging: 25 KG IBC

DINAX® PLUS P

granules

pH-increasing

Well soluble granules for quick increase of the pH of the pool water. Easy to use, it can be sprinkled directly into the pool water, and dosage is easy to calculate.



Packaging: 0.5 KG 1 KG 5 KG 10 KG 25 KG

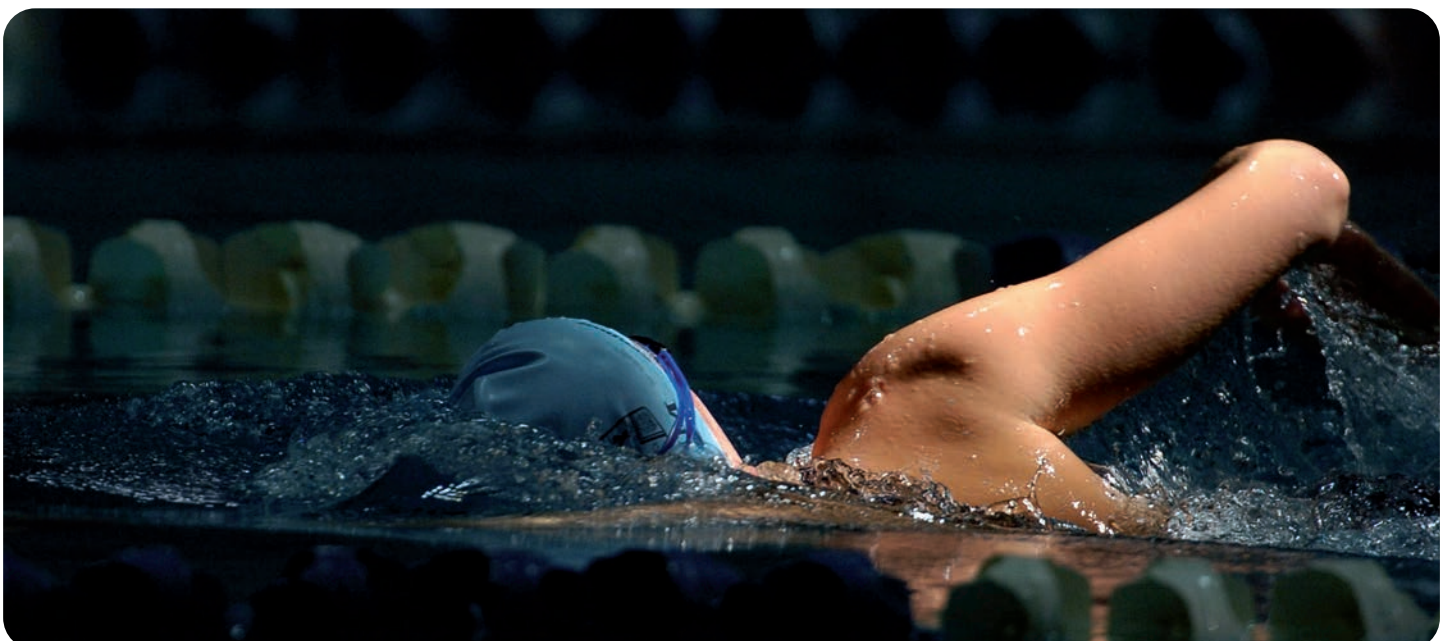
Small, microscopic contaminants in pool water are not visible to eye but in a greater weight they can result an increased opacification of water. This can increase to a degree that the bottom of the pool is no longer clearly visible. To achieve crystal clear, sparkling pool water, these small impurities can be converted to flocculants by means of flocculation, which in this state are already sufficient in size to overcome the filler material of the filter apparatus. In the case of community pools, the flocculating agents are continuous.

The dosing point is practically located in the pre-filter section, ensuring that the agent reaches the filter fill before flushing the pollutants so that they can be filtered out of the water immediately.

Important:

- we do not recommend the continuous addition of the flocculant to the equalizing tank or after the filter as the flakes are deposited and accumulate at the bottom of the pool
- in case of overdose of the substances the opacification of water may be increased
- keeping the pool water's pH below 7.4 is a very important factor in preserving the efficiency of the flocculants.

DINAX® FLOCK F	<i>liquid</i>	DINAX® FLOCK P	<i>granules</i>
flocculant		flocculant	
<p>Flocculant containing polyaluminum chloride. In the case of opalization, however, it is recommended that in frequently used pools it is offered as a prophylactic treatment for continuous dosing. It is dosed before the filter device with metering pump.</p>		<p>A flocculant can be used with any disinfectant to aid the quicker purification of pool water. The agent is dissolved in water and then poured directly into the pool water.</p>	
			
			
Packaging:   		Packaging:   	



Treatment of whirlpools is supplemented with agents designed to solve the problem of frequent use.

Such a frequent problem is the persistent foaming of effervescent pools and the contamination of long pipeline systems. These two issues are related, since the oily substances that dissolve in water easily can adhere on the wall of the piping system, and can serve as a breeding ground for the microbes. In order to keep the pipe system clean, special care should be taken, since the relatively long lines of microbes released during use can cause serious illness.

To keep the water of the jacuzzi clean and sparkling, we specifically recommend the following items.

ZERO-CHLORINE P

granules

disinfectant level reduction

Acidic white powder that is suitable for reducing the free chlorine content or active oxygen (DEWAN) content of swimming pool water.



Packaging: 1 KG 5 KG 10 KG

HABSTOP

liquid

anti-foaming

Effectively reduces foaming caused by body lotion or other substances. It is primarily recommended for whirlpools, but it can also be used for larger pools if necessary.



Packaging: 0,5 KG 1 KG 20 KG

MICROCAT® SPH-CW & ENZ

liquid

biofilm removal

Recommended agent for removing biofilms for spas and whirlpools. Advantage of enzymatic cleaning: effective cleaning; does not have an impact on the environment and health for users and equipment; it helps to keep the pipe system clean.



Packaging: 5,5 KG 1 KG



DINAX® METAL MAGIC F

liquid

prevention of iron, manganese and calcium deposit

Prevents lime deposit in the pool water. It is excellent for removing metal and lime deposits (limescale) deposited on the wall of the pool and on the bottom, protecting the pool and the water treatment system from the deposition of limescale, preventing the discoloration caused by metals in the water (eg iron). Prior to the addition of chlorine disinfectants, it is advisable to add it to the pool water when it is filled, and then added as a proportion of top-up water.



Packaging:



DINAX® METAL MAGIC F EXTRA

liquid

for high iron & manganese content in water

A product recommended for water with high iron and manganese content, which prevents the discoloration of the bath water caused by metal precipitation. It is advisable to add it when filling the pool.



Packaging:



BIPOOL G

liquid

grease-formation inhibitor

It is a biodegradable enzyme that cleans the greasy, oily contaminants accumulating in water. The formation of a oily scum on the periphery of the pool is prevented, and its effect is one month. It helps to lower foaming in pools, whirlpools, increase filtration performance and improve bacterial conditions. To be dosed weekly. We especially recommend this product for swimming pools (e.g. whirlpools, adventure pools, learning pools).



Packaging:



DINAX® WINTERIZER

liquid

winterizer

Winter conservation for seasonal pools. With its strong algae inhibitory effect, prevents algae formation in the winter. Before application, use ALGA-SOKK® P.



Packaging:



DINAX® ALKALINE PLUS P

granules

alkalinity increaser

To increase the pH buffer capacity of low-alkalinity (permanently acidic) pool waters, the water balance adjuster. By adjusting the water balance, the corrosive property of the water ceases.



Packaging:



DINAX® SCALE INHIBIT F

liquid

prevents limescale

A product recommended for high-hardness, which prevents the separation of limescale in the pipe system and the pool. It is advisable to add directly to the well.



Packaging:



Take care of safety when using disinfectants. Always read the label and the operating instructions before use.



DE-VÍZKŐ F

liquid

descaling

It is recommended for cleaning of sand filters, pools and piping systems. Suitable for general use, applied in dilution of 1:1-1: 20, removes solid impurities deposited on surfaces. Primarily recommended for scale deposits, but for example, it also efficiently dissolves iron deposits. It is recommended to use it after unplugging the unit.



Packaging:



DE-VÍZKŐ G

gel

descaling

Liquid for increasing the pH value of water for utility baths. It can be easily controlled with a chemical dosing pump, its effectiveness can be easily measured.



Packaging:

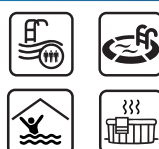


DE-VÍZKŐ P

granules

descaling

Suitable for general use, removing solids from the surface, especially lime. Suitable for sand filters, pools, piping systems, heat exchangers and salt electrolysis cells. It is recommended that the unit be disassembled when used.



Packaging:



DE-VÍZKŐ GW

gel

descaling

Chrome-plated steel surfaces, acrylic bathtubs, foil, tiled, mosaic-covered pools, designed for flat descaling. It is also suitable for decalcification of heat exchanger, using CIP pump.



Packaging:



DE-VÍZKŐ GP

gel

decalcification and dissolution of metallic cracks

A gelled liquid can be used for the decalcification of stainless steel surfaces, acrylic bathtubs, foil tiles, mosaic-covered surfaces and removal of metallic deposits. It is excellent for removing iron, manganese cracks (brownish, greyish stains).



Packaging:



DE-VÍZKŐ PSF

liquid

decalcification, dissolution of silicates

An acid mix suitable for dissolving the limescale and silicic acid in surfaces and filters. We recommend it for professional use only. Depending on the contamination, it can also be ordered with a higher active ingredient content. Available variants: De-Vizkő PSF 10, ~ 20, ~ 30.



Packaging:



DE-VÍZKŐ FS

liquid

descaling

It is suitable for horizontal, tiled surfaces and scaled filter media, liquid with hydrochloric acid. For professional use only.



Packaging:



DINAX® SZEGÉLYTISZTÍTÓ F

liquid

oily scum removal

Its application allows the cleaning of swimming pools and baths above the waterline. The edge cleanser is gelled, so it is particularly suitable for handling vertical surfaces.



Packaging: 1 KG 5 KG 10 KG 20 KG

DINAX® COVER CLEANER F

liquid

pool cover cleaner

We recommend the removal of calcium deposits from pool covers, shutters, blinds, covers, tiles, stainless and other bright surfaces. Recommended frequency: as desired, but a minimum of twice a year.



Packaging: 1 KG

DINAX® CLEANER F

liquid

shower cabin cleaning

We recommend it mainly for showers, but it is also suitable for cleaning swimming pools and whirlpool surfaces. It cleans the scaled, greasy deposits.



Packaging: 0,5 KG

DINAX® WATER REPELLENT F

liquid

shower cabin cleaning

It is perfect for treating shiny, water-contact surfaces. The surface (shower, tile, window glass, car windscreen, etc.) will be water-repellent and durable. It can be used on both glass and plastic surfaces.

Prior to use, thorough cleaning of the surface with Dinax Cleaner F is recommended.



Packaging: 0,5 KG



DINAX® DESINETTE F

liquid

general surface cleaning agent

Dinax® Desinette F can be used for surface cleaning of saunas and solariums, to remove greasy dirt and limescale. The product will achieve the desired effect on the surface when it's on a foam format. It is a great advantage that after use it is not necessary to wash the treated surface. We recommend for both professional and residential users.



Packaging: 0,5 KG 1 KG 5 KG

Non-chlorine surface disinfectants are alternative solutions to traditional chlorine-based disinfectants. While chlorine-based disinfectants like bleach are effective at killing microorganisms, they may have certain drawbacks such as strong odors, potential skin and respiratory irritations, and compatibility issues with certain materials. Non-chlorine surface disinfectants offer a viable and safer alternative for various applications.

Another non-chlorine disinfectant is hydrogen peroxide. Hydrogen peroxide is a powerful oxidizing agent that exhibits strong antimicrobial properties.

Hydrogen peroxide is a versatile and powerful disinfectant that can be used on a wide range of surfaces, including countertops, floors, and bathroom fixtures. It has strong antimicrobial properties and can effectively kill bacteria, viruses, and fungi without leaving harmful residues. Additionally, hydrogen peroxide breaks down into water and oxygen, making it an environmentally friendly choice.

DEWAN®-7

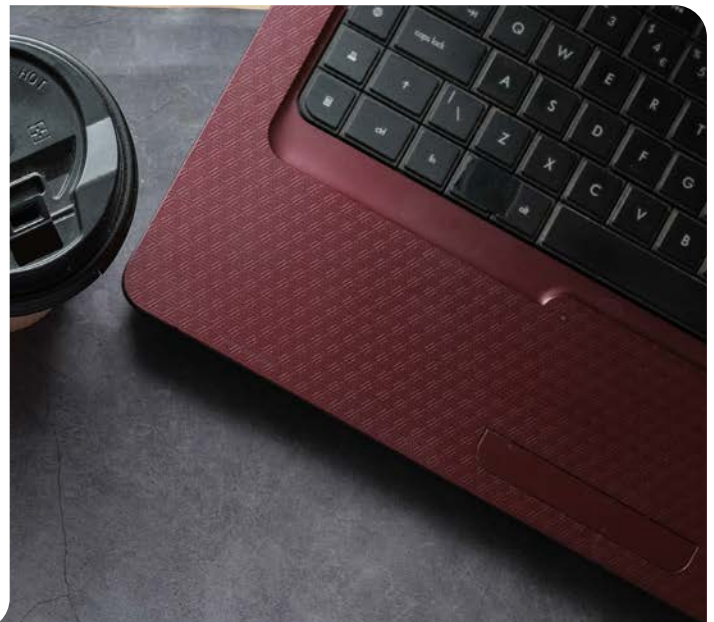
liquid

surface disinfectant

Dewan®-7 is further diluted for disinfection of water, especially for whirlpools and paddling-pools. It is excellent for chlorine-free disinfection of bathing surfaces. We recommend for both professional and residential users.



Packaging:



Take care of safety when using disinfectants.
Always read the label and the operating instructions before use.



DINAX® FILTER CLEANER F

liquid

filter descaling

Acid liquid developed for decalcification of sand filters and filter inserts. It can be used on paper or so-called harmonic filters too. The product must not come into contact with pool water. We recommend for both professional and residential users.



Packaging: 1 KG 20 KG

DINAX® FILTER FIZZY P

granulates

filter descaling

Filter cleaning powder, which is excellent for cleaning the paper filter of jacuzzis and potters, removing the mineral (inorganic) impurities depositing on the filter.



Packaging: 0,25 KG

DE-VÍZKŐ PSF

liquid

descaling

It is designed to dissolve a significant amount of limescale and silicic acid in the filtration filling by developing a suitable acid mix for the soaking or circulating washing of the filler. We recommend it for professional use only. Depending on the contamination, it can be ordered with different levels of active ingredients.

Available versions: De-Vízkeő PSF 10, ~ 20, ~ 30.



Packaging: 20 KG



FILTER MEDIA

Filter media in pools play a crucial role in maintaining water clarity and cleanliness. They are responsible for removing impurities, debris, and microscopic particles from the water, ensuring that it remains safe and enjoyable for swimmers. There are different types of filter media used in pool filtration systems, each with its own advantages and characteristics. Some of filter media options:

Dorsilit: Quarz sand is one of the oldest and most widely used filter media in pools. Sand filters are known for their effectiveness in removing larger particles and debris.

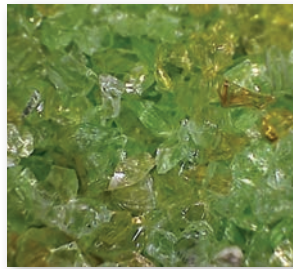
Green glass: Green glass filter media is an eco-friendly alternative to traditional sand. Glass filters can trap smaller particles than sand filters and provide excellent water clarity. They also require less frequent backwashing, leading to water conservation and reduced maintenance.



GREEN GLASS

filter media

Recycled glass filter material that is much more effective than sand: it provides greater water purity and better water quality. Its smooth micro-surface has self-sterilizing and oxidizing properties, less soils with fats, lipids and biological growths. It helps to reduce the carcinogenic byproduct of chlorinated disinfectants, trichloramines. To regain approx. half the water is needed as for sand filters.
Particle sizes: 0.5 to 1.0 mm; 1.0-2.0 mm; 2.0-6.0 mm



Packaging:  25 KG




DORSILIT BURNT QUARZ SAND

filter media

Burnt quartz sand has significantly improved filtration and purification capabilities than washed quartz sand. The reason for this is the incineration process in which organic contaminants burn. Burnt quartz sand does not contain any organic impurities or clay in which bacteria and microorganisms might settle down.
Particle sizes: 0.4 to 0.8 mm; 0.6-1.2 mm; 1.6-2.5 mm; 3.0-5.0 mm

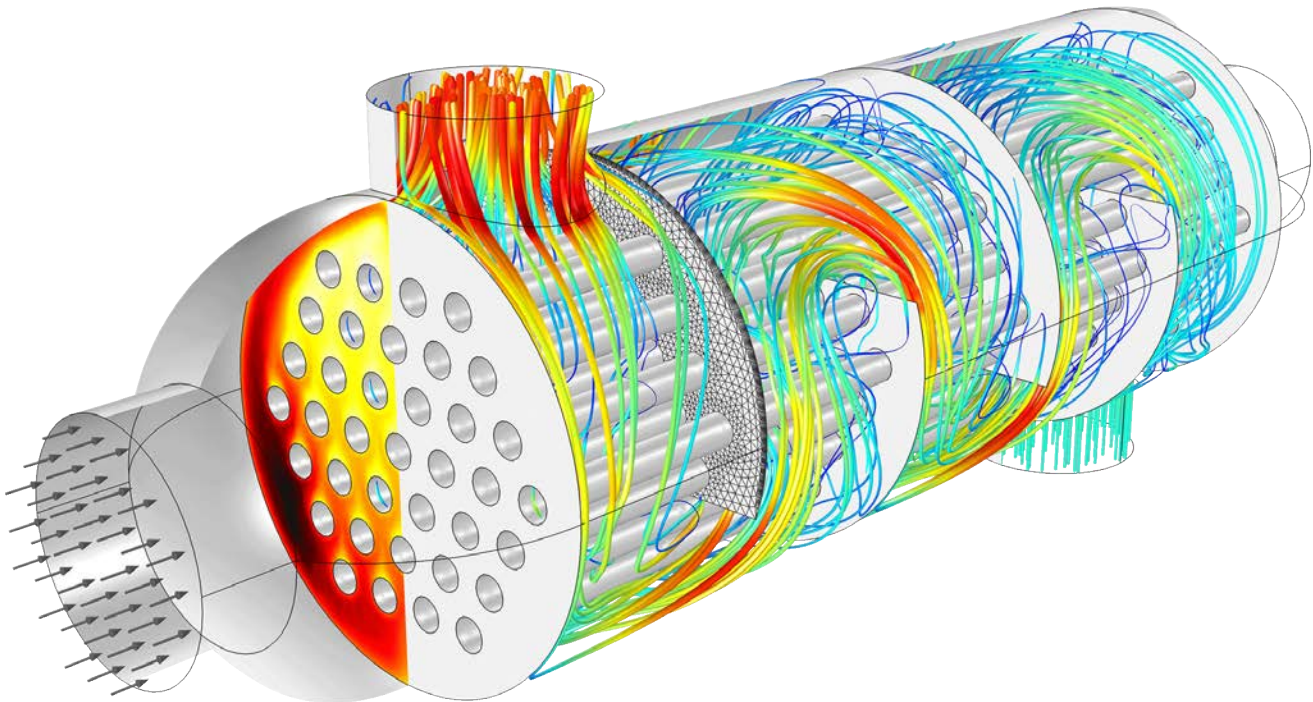


Packaging:  25 KG

Heat exchanger cleaners are chemical substances or cleaning solutions used to remove deposits and contaminants from heat exchangers. Heat exchangers play a crucial role in various industrial processes efficiently transferring heat between two or more fluid streams. Over time, these heat exchangers can accumulate deposits such as scale, rust, biofilm, and other contaminants, which can significantly reduce their efficiency and performance.

Heat exchanger cleaners are designed to effectively dissolve and remove these deposits, restoring the heat exchanger's optimal performance

The heat exchanger is one of the most delicate components of the water recirculation system. To maintain its level of efficiency, its cleanliness is very important, thus saving money and energy at regular intervals. The operation can be solved most efficiently by circulating the proper agent.



DINACLEAN C 540G P

powder


It effectively dissolves deposits formed by galvanic metals (eg heat exchangers, evaporative condensers, air washes, refrigerators, etc.). It is recommended that the solution from the product be circulated by a CIP pump.



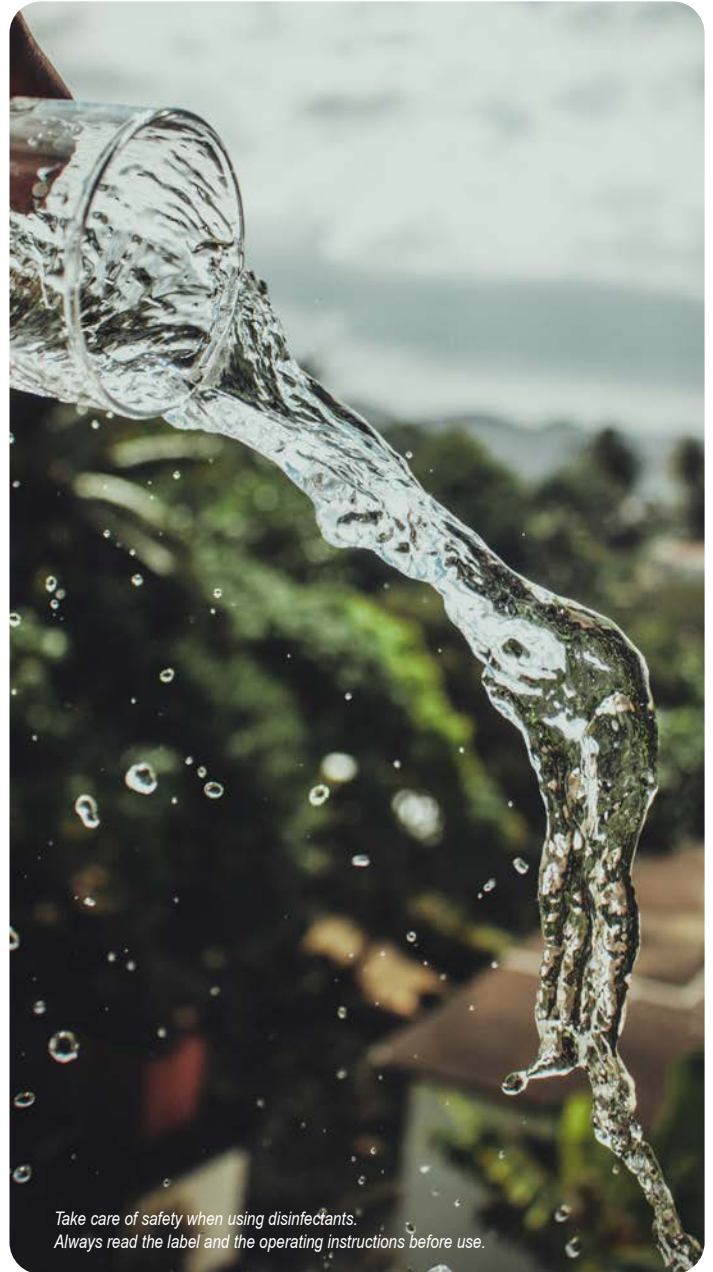
Heat exchanger cleaners are designed to effectively dissolve and remove these deposits, restoring the heat exchanger's optimal performance. They are available in different formulations, each tailored to address specific types of fouling or contamination. Some common types of heat exchanger cleaners include acid-based cleaners, alkaline cleaners, descaling agents, and biocidal cleaners.

When using heat exchanger cleaners, it is crucial to follow the manufacturer's instructions and safety guidelines. Protective equipment such as gloves, goggles, and respiratory masks should be worn, and proper ventilation should be ensured.



Packaging: 

For the pretreatment of incoming water or the disinfection of raw water, our company offers the following chlorine and chlorine-free solutions. For continuous dosing of the agents, Navidos is a volumetric chemical dispensing system that supplies the disinfectant in proportion to the flow of water to be treated.



*Take care of safety when using disinfectants.
Always read the label and the operating instructions before use.*

DEWASIL

liquid

chlorine-free drinking water disinfectant

Colorless, odorless, durable, hydrogen peroxide and silver-based, effective bacterial, viral and fungicidal product. Biologically completely degradable material is harmless to health, does not change the pH of the water, does not cause corrosion, does not cause foaming, taste or odor change, can be applied to warm water (up to 95 °C). The cost of scraping for traditional disinfectants is no more expensive. Long-term product can be used for two years.



Packaging: 



DINOX 03

liquid+ powder

chlorine-free (active oxygen) drinking water disinfectant

Content: 3 g/l of chlorine dioxide, two components (disinfectant at the site use). In closed systems (drinking water network) it can be used on its own. By preventing biofilm formation, it effectively destroys, among other things, Pseudomonas and Legionella bacteria.



Packaging: 

Whether it is a public or a private pool, regular monitoring of disinfectant levels and bathing water is essential to ensure proper water quality.

Our company offers a variety of solutions to measure the individual parameters, so you can choose from any of the easiest methods for a more complex, but more accurate process.

Testing products:

- test strips
- colorimetric (color based) testers
- digital testers
- photometers
- pocket photometers (Checker)
- desktop photometers



POOL THERMOMETERS

scaling thermometers

Our damper thermometers are available in hangable and floating (figurative) versions.



TEST STRIPS

for measuring chlorine, Dewan-50 and pH value

The measuring strips offer the simplest and fastest solution for measuring desired parameters.

We recommend our measuring strips primarily for private users, to check the disinfectant concentration and pH of swimming pools, jacuzzis.



TEST STRIP

TEST STRIP	PACKAGING	MEASURED PARAMETER
pH test strip 1-12	50 pcs/box	pH
Chlorine/bromine - pH-alkalinity test strip 0,1-10 ppm	50 pcs/box	free active chlorine, bromine pH, alkalinity
Chlorine test strip 0,5-6,0 ppm	50 pcs/box	free active chlorine
Dewan-50 test strip 0-200 ppm	50 pcs/box	Dewan-50/Dewasil
Chlorine-dioxide test strip	50 pcs/box	chlorine dioxide
Dissolved salt test strip 0-700 ppm	20 pcs/box	dissolves salt content
Iron test strip 0,02-5,0 ppm (Fe ²⁺ -Fe ³⁺)	25 pcs/box	iron

TESTER

TESTER	PARAMETER	RANGE
Chlorine/pH MINI tester	Free active chlorine	0,5-5,0 mg/l
	Total chlorine	
	Bromine	1,1-11,0 mg/l
	pH	6,8-8,0
Chlorine/pH tester with tablet	Free active chlorine	0,1-1,0 mg/l
	Combined chlorine	0,5-6,0 mg/l
	Bromine	0,22-2,2 mg/l 1,1-13,2 mg/l
	pH	6,8-8,2

DINAX TOTAL HARDNESS KIT

for measuring total hardness

Precision drip kits for spot and quick testing of tap water, bath water, surface water, industrial waters, and boiling water. The measurement is done by a drop counting method.

Measuring range: 0.5 to 30 nk °.

Number of measurements (10 nk °): approx. 100



HANNA PHOSPHATE CHECKER

HI 713

for measuring total dissolved phosphate (0,00-2,50 mg/l)

The phosphate content measurement of pool water (especially the water of outdoor pools), which allows us to quickly and easily determine the dissolved phosphate content of the water, which is the nutrient of algae and bacteria. The ideal value is below 0.2 mg/l, above this value we recommend phosphate decreasing agents such as Dinax Phosphate Minus Extra or Normal.



PRIMELAB PHOTOMETER

photometer

We primarily recommend this product for both public and private customers, to carry out regular daily monitoring measurements. The biggest advantage is that the PARAMETER LIST CAN BE EXTENDED ANYTIME. Accurate and reliable water testing equipment that allows quick, easy control of pH, combined or free chlorine and Dewan-50 concentrations as part of the basic setting. With appropriate accessories, also allows you to define if Legionella is present within one hour. Bluetooth units allow the measurement data to be accessed on a computer.



POOLLAB 2.0

measuring 24 parameters

The PoolLab® 2.0 Photometer is the perfect solution for professional water analysis of pools and spas. The fixed but exchangeable triple measurement-cuvette allows quick sampling by simply dipping the IP68 waterproof PoolLab® into the water.



LOVIBOND MULTIDIRECT

precision photometer with a wide range of applications for complete water analysis (long-term tablet reagents)

Microprocessor-controlled desktop photometer for full water analysis with extremely user-friendly design. The device allows you to store custom settings, but contains many factory settings that are tailored to LOVIBOND reagent tablets and liquids. The whole device is waterproof.



LOVIBOND MD 610

suitable for measuring 51 parameters

It is perfect for treating shiny, water-contact surfaces. The surface (shower, tile, window glass, car windscreen, etc.) will be water-repellent and durable. It can be used on both glass and plastic surfaces.

Prior to use, thorough cleaning of the surface with Dinax Cleaner F is recommended.



FT11 DIGITAL TESTER

digital tester for pH measurement

Extremely easy to use and accurate down to measurements of pH 0.1 for pH ranging from 0.0 to 14.0. Values are displayed on a digital display. No need for tablets or other reagents. The pH measurements are accurate between 0-50°C. To calibrate a buffer solution (pH 4, pH 7), KCl storage fluid is required. We recommend for both public and private use.



AD31 DIGITAL TESTER

tester for conductivity, total dissolved material and temperature

With this device, you can quickly and accurately check how the dissolved salt content of our pool and whirlpool water changed. Growth is checked by comparative measurements: check the fill water or the metering data required for charging to the pool water. In general, water balance problems may already occur above double the specific conductivity value. We recommend it to both public and private owners. Measuring range: 0,00 - 3.999 µS/cm



Chemical buffer solutions, buffer systems are a weak acid/base and a solution of a strong acid or base salt thereof, which provides a constant pH value in a system. They may be mixtures of sour salts of polyvalence acids.

Buffers can absorb large amounts of acid / base without much change in pH. Alternatively, the buffer is a solution whose pH is stable and does not change (rather varies very little) with dilution (depending on the buffer capacity), the pH value is known to be dependent on temperature.

According to their effect, the buffer solutions may be **acidic, alkaline** or **neutral**.

Buffer solutions in which the amount of oxonium ions is greater than the hydroxide ions are acidic and have a pH of less than 7.

Buffer solutions in which the hydroxide ions are in the majority are alkaline and have a pH greater than 7. If the pH of a buffer solution is 7 then the number of hydroxide ions equals the number of oxonium ions, meaning that the buffer is neutral.

pH meters, for calibrating measuring instruments, various pH buffer solutions are held in stock.

Types: pH = 4, pH = 7, pH = 9

To control the redox electrode of measuring control devices, we can offer a Redox buffer solution of 465 mV redox potential for calibration of the instrument.

FT11 pH-tester and pH electrode storage fluid is the KCl buffer solution, which is essential for preventing electrode dehydration, thus avoiding electrode failure.





dinax[®]

 **LONGLIFE**
CHLORINE FREE WATER TREATMENT FOR LONG LIFE

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