

WATER TREATMENT FOR JACUZZI

DEWAN®-18

chlorine-free pool water and surface disinfectant

**APPLICATION:**

For professional use.

PACKAGE:

- 5 kg can
- 10 kg & 20 kg can (returnable can)

STORAGE:

in a dry, cool place protected from light

OTH LICENSE NO.:

4136-11/2009

DEWAN®-18 is the version of DEWAN®-50 chlorine-free disinfectant developed for jacuzzis and small pools.

APPLICATION:

DEWAN®-18 is a chlorine-free disinfectant with an optimized concentration for jacuzzis and small pools. It can be used for all swimming pools that are equipped with a water circulation and filter system.

DOSAGE:

The concentration of the disinfectant in the water mainly changes depending on the load (number of bathers), otherwise it is expected to remain stable.

The dosage can be made in two ways:

1. **Automated dosing:** can be timed with a peristaltic pump
Recommended pump: PERISTALTIC PUMP (time-controlled, 1.4 l/h)
2. **From a can using a measuring cup and a cap:**
A flip-off cap is available for the jugs, which, when wrapped in place of the original cap, enables the liquid to be delivered to the measuring vessel precisely.
Usage:
 1. Replace the original cap with the DEWAN®-18 cap!
 2. Open the cap while holding the can in a vertical position.
 3. Fill the measuring vessel with the chemical with the controlled flow.

Dosage instructions:

Starting quantity:

- 400 ml of DEWAN®-18 is required for 1 m³ of swimming pool water. The approx. pour the contents of a half-filled measuring cup into the pool water, then circulate the water so that the agent is well mixed.

Continuous dosing:

For 1 m³ of bath water, add 50 ml of DEWAN®-18 per day! Pour the chemical into the pool, then turn on the circulation for a few minutes. Check the chemical concentration (with a DEWAN®-50 test strip) daily until the system is installed (approximately the first week)

With an average load, it is expected that the dosed amount will be sufficient. If you measure a value lower than 50 mg/l, after the daily amount has been administered and completely mixed, repeat the administration, if necessary with a proportionally increased value (dosing 50 ml/m³ DEWAN-18 increases the DEWAN-18 by 18 mg/l level).

Pay attention to safety when using disinfectants! Always read the label and the instructions for use before use!

www.dinax.hu
www.watercompinstitute.com

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LOGLIFE
CHLORINE FREE WATER TREATMENT FOR LONG LIFE

Make sure that the pool is never left without a measurable concentration of chemicals, so we recommend that you continue to check the disinfectant level regularly, every 3-4 days! A greater load or algae spores entering the water cause the disinfectant to wear out quickly.

If the level of DEWAN®-18 drops below the prescribed value, microbial overgrowth may occur, which is difficult to reverse and requires significant additional chemicals.

Surface disinfection:

It is done with a 3% solution of Dewan®-18, the effect time is 30 minutes. To make a 3% solution, add 300 ml of Dewan®-18 to 10 liters of water. The surface can be used again after rinsing.

MEASUREMENT:

DEWAN®-18 is measured with a **DEWAN®/DEWASIL measure strip**.

The measuring strip is used at least weekly, and if possible before each bath, we check whether the appropriate amount of DEWAN®-18 is present in the pool water. In the first two weeks, measure more often, every 1-2 days. The values indicating 50-200 mg/l on the DEWAN®-50 value scale on the measuring strip are appropriate.

ADVANTAGES:

- There is no chlorine smell, the pool water and air remain naturally scented - thus providing you with a higher quality, more pleasant bathing experience.
- Does not form compounds harmful to health.
- Water disinfected with DEWAN®-18 does not sting the eyes or irritate the skin.
- It can also be used in water containing iron or other metals, the discoloration seen with chlorine does not appear in pools treated with DEWAN®-18!
- Not dependent on temperature: it hardly breaks down under the influence of sunshine and heat.
- pH neutral, so it is easier to adjust the pH value.
- Can be dosed within wide limits.
- Provides a lasting effect.
- Extremely effective against bacteria, viruses and fungi.
- It also provides protection against chlorine-resistant bacteria (it can be used to avoid atypical pneumonia caused by legionella and destroys chlorine-resistant Pseudomonas Aeruginosa).
- It does not cause allergic reactions (e.g. skin rash), there is no need to count on asthmatic diseases caused by chlorine.
- Non-corrosive

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pH-LEVEL SETTING:

DEWAN®-18 has its disinfecting effect in a wide pH value range (it is not sensitive to pH), so checking and correcting the pH value is primarily necessary if your skin or eyes are sensitive to high pH values. (In the case of a high pH value in the pool, skin irritation can occur, and too low a pH can irritate our eyes if we fall under water.)

Therefore, the optimal value is between 7.2-7.4, keep the pH in this range if possible!

DEWAN®-18 is pH-neutral: its administration does not change the pH value of the water. (However, since the pH value of the water increases continuously due to carbon dioxide separation - up to a value of approx. 9 - use **DINAX® MÍNUSZ P** granules to reduce the pH value!)

ADDITIONAL PRODUCTS:

In the case of an indoor hot tub, you don't need anything other than a pH-adjusting agent. In the case of outdoor pools, in case of strong sunlight, it is recommended to additionally use the **ALGI-CID** algae remover.

OTHER RECOMMENDED PRODUCTS:

DINAX® HABSTOP F – antifoam liquid
Effectively reduces foaming caused by body care products or other substances.

DINASAN P – cleaning and disinfecting agent for whirlpool baths
It is particularly suitable for cleaning difficult-to-access pipe systems, water inlets and drain systems, as well as the wall of the pool. Removes soap, oil and grease deposits and slimy dirt.

DINAX FILTER CLEANER F – filter cleaning liquid
Agent developed for cleaning sand filters and filter inserts, primarily for the removal of inorganic materials (e.g. limescale). Paper or so-called can also be used for harmonic filters.

DINAX METAL MAGIC F – for the prevention and removal of metallic, calcareous deposits
In the case of iron waters, it prevents the formation of discoloration, and its use can also prevent limescale in the pool water.

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