

# DEWAN-18

DEWAN®-18 is a developed version of DEWAN®-50 chlorine-free disinfectant for jacuzzies and smaller pools

## APPLICATION:

DEWAN®-18 is an optimized concentration of chlorine-free disinfectant for jacuzzies and smaller pools.

DEWAN®-18 is suitable for any bath pool, which is provided with water recirculation and filtration system.

## DOSAGE:

The concentration of the disinfectant in the water predominantly varies depending on the load (the number of bathers), moreover, is expected to remain stable.

### The product is administered in three different ways:

1. **Automated feed:** peristaltic pump with built in timer controller  
**Recommended pump:** peristaltic pump with built in timer controller (1,4 l/h)
2. **With the help of measuring cup kettle and peel cap:**  
Peel cups are available for the canisters, which can be replaced with the original cup, so the fluid delivery is more precise in the weighing dish.

### Usage:

- a. Replace the original cup with the Dewan-18 peel cup.
- b. Please, hold the canister in vertical position, then open the lid!
- c. Fill the weighing dish with the disinfectant by using the dosing instruction.

## DOSAGE INSTRUCTIONS:

### INITIAL FEED:

- **for 1 m<sup>3</sup> swimming pool water 400 ml DEWAN®-18 is necessary.** Pour the half filled weighing dish's content in the swimming pool water, then circulate the water until the disinfectant is mixed well.

### CONTINUOUS FEED:

- **for 1 m<sup>3</sup> swimming pool water dose 50 ml DEWAN®-18 daily!** Pour the disinfectant in the swimming pool water and mixed for a few minutes with the peristaltic pump. Until the system sets up (for at least one week) check the chemical concentration daily (with DEWAN®-50 test strip or with DEWAN®-50 tester). If the chemical level falls down, raise the weekly dosage with 50 ml. (At an ordinary load this dosage should be enough.

**Please, pay attention that the swimming pool water should always have a measurable chemical concentration.** We suggest to check the disinfectant level regularly, after 3-4 days anyway! At a bigger load or if algae spore gets into the water the disinfectant loses its effect earlier.

**Warning:** In case DEWAN®-18 level falls down below setpoint that may lead to microbial overgrowth, which is difficult to reverse and significant additional chemicals are needed.

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## MEASURING:

- DEWAN®-18 measure can be made with DEWAN®-50 test strips, or DEWAN®-50 tester (with DEWAN®-50 tester pH level can be checked too).
- The test strip should be use weekly, if its possible check before each bath
- At the first week the level should be checked 2-3 days. **On the DEWAN®-50 test strip 50-200 mg/l is a good value.**

## BENEFITS:

- no chlorine smell, the pool water and the air remains odourless, ensuring a high quality, comfortable bathing experience
- no harmful compounds are formed
- water sanitized with DEWAN®-18-does not irritate the eyes and the skin
- **DEWAN®-18 does not modify the composition of thermal waters**
- no dependence on temperature: only inconsiderable degree of degradation even in hot weather or under strong radiation
- pH neutral: allowing easier pH-adjustment
- flexible and wide dosing range
- ensures stable sanitizing effect
- extremely effective bactericidal, virucidal and fungicidal product
- the substance is even suitable for applying to bacteria that are resistant to chlorine (with its use A type of Legionella can be avoided, and destroys the chlorine-resistant Pseudomonas Aeruginosa-t).
- no allergic reactions are caused (eg. eczema), no asthmatic reactions contrarily to chlorine
- non corrosive

## pH-SETTINGS:

Disinfecting effect of the DEWAN®-18 states in a wide pH range (it is not sensitive to pH). So pH-value check or correction is only needed if skin or eye is sensitive to high pH value. **Optimal value is between 7.2-7.4**, if its possible keep it in this range!

DEWAN®-18 is pH neutral: doesn't changes the pH value

## ADDITIONAL PRODUCTS:

- For indoor jacuzzis no other chemicals requires, only pH-adjusting.
- In case of outdoor pools in bright sunshine on additionally algae scavenger ALGI-CID is recommended

## AVAILABLE SIZES:

5 kg canister (not returnable)  
10 kg canister (returnable)





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## FURTHER RECOMMENDED PRODUCTS:

1. **DINAX® HABSTOP F – foam stop liquid**  
Effectively reduces personal care products, or other materials causes foaming.
2. **ADISAN SPA – cleaning and disinfectant for jacuzzies**  
Particularly suitable for difficult places to access as piping systems, drainage systems, as well cleans the pool wall. Removes soap, oil and grease deposits.
3. **FILTER CLEANER – filter cleaning liquid**  
It is developed for cleaning the sandfilters and filters, first of all for inorganic material (eg. Scale) removal. It can be used for paperfilters too.
4. **METAL MAGIC –for metallic and chalky deposits prevent and remove**  
For irony water prevents the discoloration, and avoids the use of calcification in the pool water.

*Use biocides safely! Always read the label and product information before use!*

