

DINADOX A+B

Chlorine-free swimming-pool disinfectant

APPLICATION:

For disinfection of swimming-pool water. The product is suitable for the constant as well as the shock (occasional, high dosage) disinfection of swimming-pool pressurized filters and plumbing. It kills the majority of chlorine-resistant bacteria. Excellent biofilm-degrader.

On open water surfaces its concentration is quickly reducing because of the contact with air. Please keep the concentration of the product on a constant level (by adding it to the water continuously). If you apply the product together with a free-active chlorine containing disinfectant, the two products intensity each other in the treated water. Do not mix the undiluted product with other chemicals. In the swimming-pool water the product can be combined with other recommended products.

DOSAGE:

In case of uninterrupted use, the required concentration can be achieved by using a volume proportionate chemical dosing pump. To ensure a balanced distribution in plumbing the use of static mixers is recommended or it is advisable to introduce the chemical in the pre-pump section of plumbing. Do not dilute the product after you prepared it.

- **Priming:** To reach a concentration of mg/l you must add 67 ml DINADOX per 1m³ of swimming-pool water (to reach 0.1 mg/l chlorine-dioxide concentration, you must add 3.55 liters of DINADOX per 100 m³ of swimming-pool water).
- **Uninterrupted operation:** For swimming-pool water disinfection DINADOX should be applied at at least 0.2 mg/l and up to 1.0 mg/l chlorine-dioxide concentration. It can be combined with free-active chlorine, the regulation for their highest acceptable total concentration: $2*[Cl] + [ClO_2] = 1$ (mg/l). Daily dosage is dependent from the bather load.
- **Shock treatment:** Occasional, high dosage treatment during the absence of bathers. When added to sandfilters, its quantity per m³ of sandfilter: 10 liters of DINADOX, when added to the swimming-pool: 300-670 ml/m³. No bathers are allowed to use the pool until the concentration of free-active chlorine is above 1 mg/l.

To act as a biocide at uninterrupted dosage 0.2 mg/l chlorine-dioxide is needed and you must ensure a contact time of 2 hours at priming.

Measurement:

- chlorine-dioxide test-strip or colorimetric tester

In case of DPD method in the presence of free-active chlorine or combined chlorine the use of GLYCINE reagent is needed.

Storage: store at a dry, cool space, protected from light in its original container

Available as: 10 and 20 kg re-exchangeable containers

When handling disinfectants please do not forget about the safety considerations. Before using a chemical always consult the product label and the instructions for use.



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