

ACO / APF / NOPHOS

Catalytic Agents for Water Quality

ACO - Active Catalytic Oxidizer

ACO is an Active Catalytic Oxidizer that works by using the energy of the sun or UV light to catalyze the formation of free radicals to disinfect pool water. The radicals work just like chlorine to remove pollutants but they do not form combined chlorine.

ACO is not consumed in the process; it just makes what naturally happens much more efficient. ACO also protects chlorine from photolysis by sunlight and makes it last three times longer in outdoor pools. ACO does the same as cyanuric acid, but instead of reducing oxidation capacity, ACO amplifies the disinfection of water.



ACO Specifications

- Eco-Friendly Water Treatment - For outdoor swimming pools, ACO in combination with sunlight helps to disinfect the water. ACO is an oxidation enhancer and chlorine stabilizer.
- A Healthy Bathing Experience - When using UV irradiation, the production of toxic disinfection by-products such as chloroform and cyanogen chloride are reduced.
- High Efficiency - ACO extends the half-life of chlorine and peroxide by over 300 %, giving you substantial chemical savings.

Code	Standard Packing	Volume (ltr)
20022	1	5
20021	1	20

APF - All Poly Flocc

APF is a multi-spectrum coagulant and flocculent that can remove pollutants from solution and flocculate fine suspended solids, such as skin cells and bacteria, into large particles that are easily removed by AFM® (Activated Filter Media).

No single flocculent or coagulant can remove everything from the water. APF is a precise combination of 10 different electrolytes and polyelectrolytes to cover the widest possible range. Dissolved constituents of water make up 80% of the oxidation demand and suspended solids around 20%. Everything that is filtered out does not need to be oxidized. When the correct flocculation is used in combination with AFM, chlorine consumption and the production of unwanted chlorine by-products are reduced by up to 80%.



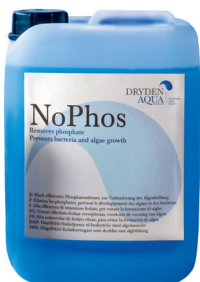
APF Specifications

- For a safe and healthy pool experience - APF is required to remove bacteria, and parasites such as Cryptosporidium and Giardia.
- Economic and environmental - Improved filtration reduces chlorine demand by up to 80%. It also means there will be fewer disinfection by-products formed. Operating costs will be lower and there will be less of an impact on the environment.
- For chlorine-free swimming in private pools - APF is important for chlorine-free water treatment of private swimming pools in combination with AFM® filtration

Code	Standard Packing	Volume (ltr)
20011	1	20

NOPHOS - No Phosphate Biological Solution Against Algae - for fish ponds

NoPhos removes phosphates that enter the pool from water supply, bathers and from debris blown into the pool. Phosphate is a fertilizer and if completely removed, algae and bacteria slowly starve and are eliminated over a period of about six weeks. NoPhos is a natural product that can be safely used in public and private swimming pools, as well as in natural pools, ponds and aquarium. NoPhos is a charged ion which reacts with phosphate to form an insoluble precipitate that is removed by AFM®, or it forms an inert deposit on the floor of the pool that is easily removed.



NOPHOS Specifications

- Eliminates phosphates - Prevents algae and bacteria growth
- Is a natural product - NoPhos can be used in swimming pools and fish ponds
- Makes crystal clear water.

Code	Standard Packing	Volume (ltr)
20001	1	5
20002	1	20