

# FN<sup>®</sup> AQUA



Eco-agent for cleaning water in swimming pools and garden ponds, reducing the consumption of pool cleaning chemicals



Dirty pool water prior to application of FN<sup>®</sup> AQUA.



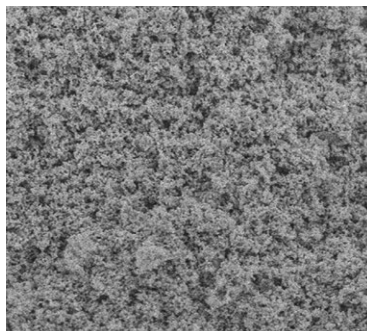
Water 3 days after application of FN<sup>®</sup> AQUA.



7 days after application of FN<sup>®</sup> AQUA, water is completely clean. Sludge of microorganisms wrapped in minerals drops to the bottom



Protective layer of FN<sup>®</sup> AQUA



100µm

■ The FN<sup>®</sup> AQUA suspension with a patented formula contains mineral additives and a large quantity of photoactive titanium dioxide (TiO<sub>2</sub>) which is chemically identical to a food colouring – titanium white, a substance used extensively in food industry and cosmetics. ■ The minerals contained in FN<sup>®</sup>

AQUA wrap cyanobacteria and algae in inorganic layer. This prevents access of ultraviolet light required for photosynthesis which is vital for cyanobacteria and algae. This will cause microorganisms to die in a few days. Then they drop to the bottom of the pool in the form of harmless sludge.

■ Daylight or artificial ultraviolet light activates microscopic crystals of photoactive titanium dioxide (TiO<sub>2</sub>) in the suspension of FN<sup>®</sup> AQUA. The crystals then physically remove molecules and microscopic particles of organic dirt used as nutrients by microorganisms from the water.