

Synbiotic industrial water treatment

Synbiotic water treatment is highly efficient in cleaning and dispersing sludge and other organic deposits in industrial water facilities, preventing their reoccurrence and reducing bad odor.

- ✔ **Synbiotics** are a combination of **probiotics**, (good bacteria), supplemented with **prebiotics** (good sugars)
- ✔ **Biodegradable**, ph neutral
- ✔ **No biocides** used, no hazardous substances
- ✔ Acts as **high-performance bio-dispersants** with bio-based surface-active agents
- ✔ Improve reliability and performance of industrial water systems by **purifying pumps and filters**
- ✔ **Reduce water consumption** in the systems
- ✔ **Reduce operational costs** by mitigating required maintenance, decreasing chemical (biocide) spend, and conserving water and energy



WHAT IS THE CHALLENGE?

Circuit water systems build up unwanted organic deposits that frequently lower the performance of industrial operations:

- Odor formation
- Sludge formation
- Clogging of pipes and/or reduced water flow
- Reduced operating efficiency
- Higher maintenance costs and unscheduled outages
- Organic deposits can shield microbes, requiring increased biocide use

WHAT IS THE SOLUTION?

HeiQ Synbio Aquatec! We use the power of probiotics for the sustainable cleaning of industrial process and cooling systems.

Probiotics and enzymes break down organic dirt, separating the dirt from the substrate, bringing it into a dissolved or colloidal state and making it easier to physically remove.

Our products support optimum system performance, in terms of surface cleaning, preventing deposit and odor build-up.

