

## PURETEK

### Water Cleanup Additive



**Depicted above:** the treated versus untreated water samples after using Phase I Puretek. Note clear water with no bacteria growth and silicate sedimentation formed at the bottom of the test container.

**PUREtek** is an environmentally responsible water cleanup additive for the sterilization of water which has been contaminated by microbial growth and/or excessive organic matter. The product category is composed of 3 core formulations, one of which is selected based on the end use of the treated and repurposed water.

Phase I: Waste water to be redirected into streams, rivers and waterways.

Phase II: Drinking water to be treated during the filtration process.

Phase III: Oil Spill remediation of large volume bodies of water.

#### Highlights:

- **Phase I** is engineered to be self-cancelling and dosed at a rate which there will be no hazardous chemicals or residues remaining from the treatment. The primary purpose of this water remediation variant is for the sterilization of on-site wastewater for reallocation to industrial processes.
- **Phase II** Drinking Water. Minor modifications are made to the core formulation to remove non-essential ingredients that are utilized for industrial processes (i.e. corrosion inhibitors).
- **Phase III** Oil Spill Remediation of large volumes of water. Includes and enhanced dosage of Phase Splitting Additives (PSAs) to act as a separating agent for the oil and water.

#### Industry Examples:

- A major Canadian resource company has implemented an automated flow system using Puretek to clean out organic compounds and settle out materials in waste water which allows it to be reused to clean equipment. Results for this company included substantial cost savings and improved health and safety condition for their workers.

*Puretek is sold in 20 litre pails and 1200 litre bulk containers. Specific formulas may be prepared for each situation which may alter the price. Depending on the situation 1 litre can generally clean 500 litres of waste water. Freight is F.O.B. Laval, Quebec. Local customs charges, taxes, etc are also the responsibility of the buyer. May cause eye, lung and or skin irritation during application therefore eye and respiratory protection, along with gloves, are recommended. Toxic if ingested. See MSDS sheet for full safety details.*