



## Ultra-Microbe Booms<sup>®</sup>

Ultra-Microbe Booms are designed to be applied directly to any water system that requires bioremediation (catch basins, containment sumps, drain inlets, etc.). For best effect, the microbes should be applied upstream of the affected area.

Tether the Ultra-Microbe Boom to a stationary retrieval point. The Ultra-Microbe Boom will float on the surface of the water and move with the current (if any). The Ultra-Microbe tablets inside of the boom will slowly dissolve into the water stream and begin the bioremediation process. The tether then serves as a device to retrieve the Ultra-Microbe Boom for inspection (to see if any Ultra-Microbe tablets remain) or for removal and replacement.

The oil absorbing foam the Ultra-Microbe Boom is made of absorbs the oil into the foam where the Ultra-Microbes can begin the bioremediation process. The floating boom keeps the microbes at the surface and in constant contact with the oil.

### Precautions:

- + Store Ultra-Microbe Booms between 40°F and 130°F. Temperatures outside that range may cause the Microbes to become ineffective.
- + Ultra-Microbes require a food source (any organic material, such as hydrocarbons, vegetative waste, sewage, fats, oils, grease, etc.), oxygen, and water/moisture to stay alive. Loss of any one of these three will cause the Microbes to die off.
- + Ultra-Microbe colonies will naturally degrade in approximately 90 days.
- + Ultra-Microbes should not be exposed to radiation. This may cause the Microbes to die.
- + Ultra-Microbes work best in applications where the pH is between 5.5 and 9.5.

For maximum results, ensure that the microbes continue to receive oxygen (via an bubbler, occasional stirring or oxygen tablets) and are kept moist. Failure to keep the microbes moist will cause the colony to die out. The microbe colonies will live up to 90 days as long as there is a food source available for them to eat. Once the food source has been consumed, they will naturally die out.

Note: In some cases where there is constant addition of organic material, or where organic levels are very high, it may be necessary to add more Ultra-Microbes at staggered time intervals to boost the colonies and their power to consume more waste.

Disclaimer: Ultra-Microbes are not a universal solution for all oil related clean-up applications. It is most effective when the amount of oil is lighter and more of a sheen. Thick layers of oil will require increased amounts of microbes and time to have any noticeable effect. We recommend you contact UltraTech or your local representative/distributor to learn more if your application is a good fit for microbes.





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## Instructions

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