



Beckart's Aqua-Dry® Innovation Targets Starch Odor

There is typically no way of getting around it; the odor emanating from the starch kitchen of a corrugating plant is a common nuisance problem. The odor – as in many other manufacturing and waste treatment settings – can be mitigated with masking agents or powered exhaust equipment, but those approaches often involve their own strong odors or prohibitive initial and operating costs.

Beckart Environmental, Inc., with over 30 years of experience in the box making and flexographic markets for wastewater treatment and recycling equipment, recently began to seriously pursue chemical approaches to BOD and COD reduction, as well as odor reduction. The result is a full line of patented chlorine dioxide products, including a powdered packet innovation called Aqua-Dry® that is safe, efficient, and eliminates mold, mildew and other bacterial microorganisms, neutralizing odors at the source.

An increasing number of corrugators who have worked with Beckart for years are now introducing Aqua-Dry for their odor reduction needs. A typical preparation is one packet in a 5 gallon bucket of water, which requires about 2 hours' settling time to dissolve thoroughly. The solution can then be poured by the cupful into each pit or drain, or directly into the system's equalization tank if configured as such. Some converters have reported odor elimination with as little as 3 gallons of the mixture.

A major benefit of Aqua-Dry for odor control purposes is the safety it offers. It is appropriate for those manufacturers serving the food and beverage industries, or wherever chemicals brought in-house need to pass stringent safety and regulatory benchmarks.



Beckart Environmental's Aqua-Dry® chlorine dioxide is offered in dry powdered packets.