



Odor-No-More™

TECHNICAL NEWS

Odor-No-More™ Deodorizing Super Absorbent Bedding Additive

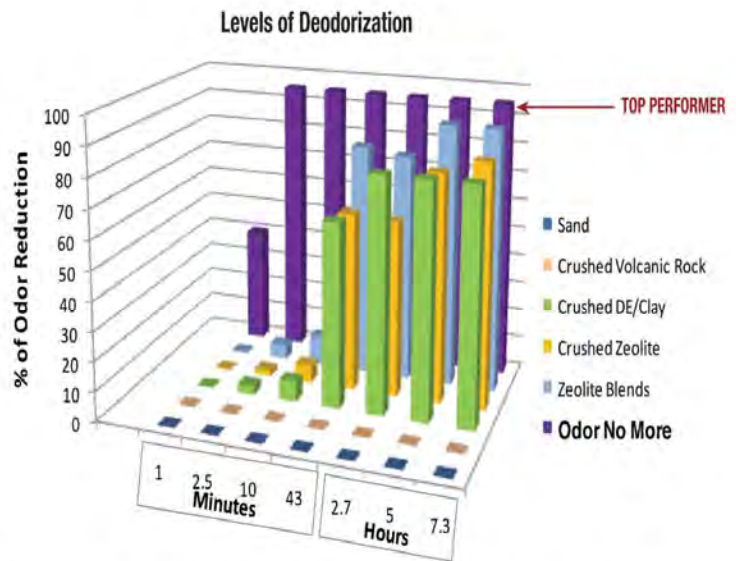


Odor-No-More™ bedding additive is a blend of super absorbent polymers and CupriDyne™. As an “odor prevention and moisture reduction” strategy it provides the ability to eliminate breeding grounds for odor causing bacteria in all types of animal bedding by solidifying liquid waste.

The CupriDyne™ reagents are GRAS (Generally Recognized as Safe) for consumption, at higher levels than the current formulations of our products. These reagents are commonly supplied to animals as feed and mineral supplements. The residual components in the bedding additive offer on-going hoof-health benefits.

Deodorization by the Numbers

A major problem related to the managing of animals is the issue of odor emissions. Ammonia as the primary source of odor is a significant respiratory hazard when inhaling levels greater than 25 ppm for prolonged periods of time. In addition, it can cause skin and eye irritation, displace oxygen in the bloodstream and cause pneumonia. Ammonia odor is the primary attractant to fly populations creating fly and maggot infestations festering animal wounds. Airborne fatty acids cling to dust, cobwebs and dirt in and around facilities creating optimum conditions for odor causing bacteria growth.

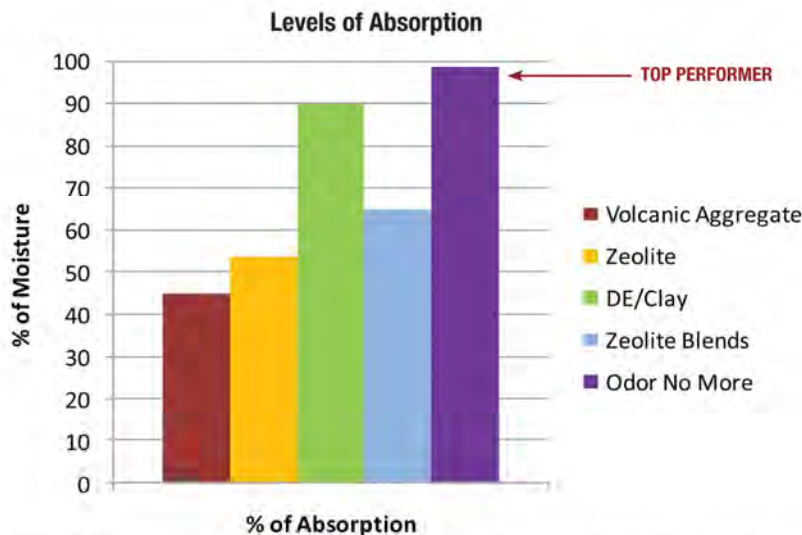


Odor-No-More reduces odors by 95% in *minutes*, other products do not reach this level of reduction in *hours*.

Deodorization Test Results

Odor-No-More™ provides superior ammonia odor reduction in **2.5 minutes** whereby other active ingredients lack in performance after **7.5 hours** as shown in the graph. Odor-No-More™ with the CupriDyne™ technology definitively eliminates odor. From an environmental perspective the Odor-No-More™ active ingredients are user friendly, non toxic and safe.

Super Absorbency by the Numbers



Total Moisture Holding Capacity was measured by water flooding 100 grams of material for 5 minutes then draining the excess water. The amount of water retained was calculated in material weight percentage.

Test Results

The use of the bedding additive offers superior absorption, a significantly reduced application rate - **ounces vs. pounds and 24 times more absorbency by volume**, easier handling and application, reduced cat litter waste.

Conclusions

CLEANER & DRIER = SAFER & HEALTHIER

Current product offerings are inferior in moisture and odor control even in large quantities and over extended periods of time as commonly recommended. The drawback of the current products is the large quantities of material required which then produces excessive waste, requires excessive handling and storage, and shelf space. Additionally, current product claims reference hours to accomplish substantial odor reduction thus exposing both animals and humans to prolonged periods of potentially toxic odors.