

Rest assured it's  
safe with colored  
mulch.



At Colorbiotics, our highly qualified team of research professionals is constantly working to develop new and innovative mulch colorant of exceptional quality. It's this relentless passion for perfection and unparalleled service that propelled Colorbiotics to become the global leader in landscape coatings technology. Colorbiotics is the only landscape colorant supplier whose production process adheres to ISO 9001 certification standards and 100 percent of our product is manufactured on site.



[www.colorbiotics.com](http://www.colorbiotics.com)

\* Mulch is not recommended for consumption.  
Colorbiotics and the Colorbiotics logo are registered trademarks of Becker Underwood in the U.S. and / or other countries.  
© 2008 Colorbiotics. All rights reserved.



How does your  
garden grow?

## In fact, an independent laboratory study supports that statement.

The colorants used in our colored mulch were recently tested by Stillmeadow, Inc., a full-service laboratory and contract research facility in Sugar Land, Texas. The facility studied how acute exposure to our colorants affected skin, eyes, lungs, and the digestive system.

The Stillmeadow study shows that Colorbiotics colorants are safe for people, animals, and the environment.



The results placed our colorants in the lowest and safest level of toxicity possible: Category IV, the same as everyday sugar.\*

Salt and baking soda, by contrast, actually have a higher toxicity level.



Colorbiotics is the only colorant supplier who has participated in this study, and we did so to give our customers peace of mind.

When safety questions arise, we want to make sure you can answer them with absolute assurance.

If you have additional questions, please call us.



888.663.6980



The Chemical Company

### **Colorbiotics Colorant Safety Testing**

This information is being provided to help alleviate any concerns about the color coating on the wood mulch. We have done extensive independent laboratory testing to ensure this colorant is safe for the plant, animals, humans and environment it is used in. The colorant is rated non-hazardous. The colorant is not toxic, non-reactive, non-flammable and environmentally friendly. The main ingredient is an iron oxide pigment. Iron oxide pigments are commonly used in cosmetics, due to their inert behavior. In the case of black mulch, the source of pigmentation is carbon black. In the liquid form, the carbon black powder is dispersed in a media of water and latex resin. No airborne particulates of carbon black are present at this time. The consumer is not exposed to any airborne particulates either. The wood mulch coated with Colorbiotics black colorant is physically bonded to the wood by the latex resin.

The information below is a summary of the independent laboratory work. Please also visit [www.mulchcolors.com](http://www.mulchcolors.com) for additional consumer safety information.

### **Toxicological Studies:**

Independent testing at Still Meadow Incorporated, Sugar Land, Texas was conducted on our colorant product line. Our product line was given a classification rating of Category IV. This is the lowest possible risk assessment achievable. The testing consisted of the following areas:

Skin Sensitization Study in Guinea Pigs

Acute Dermal Irritation Study in Rabbits

Acute Eye Irritation Study in Rabbits

Acute Inhalation Toxicity Study in Rats

Acute Dermal Toxicity Study in Rabbits

Acute Oral Toxicity Study in Rats

### **Plant Phytotoxicity:**

Independent testing at SGS Mid-West Seed Service, Inc., Brookings, South Dakota was conducted on our colorant product line. Plants studied were Petunia, Vinca, Salvia, Tomato, Timothy and Celery. Results indicate direct plant contact with our colorant system is acceptable.

Our colorants are specifically chosen and monitored to be safe for the environment, plants, animals and humans.