Beyond Green™ Cleaning

9801-004
Naturalcide™

Description

- Non-toxic, organic insecticide safely and effectively controls and repels crawling and flying insects.
- Controls insects by dehydration and by eliminating the exo-skeleton and absorbing their body fluids.
- Repels insects by application to infested surfaces.
- Can be used in both indoor and outdoor situations and even in sensitive areas such as food processing.
- Exempt from EPA Registration under FIFRA Section 25(B).
- One gallon of diluted (1:5) product covers 1,000 square feet.
- Non-pesticide which is safe for people, animals and the environment.
- Bio-based, all-natural and biodegradable with ingredients generally recognized as safe by the FDA.

Technology Profile

As insects become immune to a chemical insecticide, it must be increased in toxicity or totally change the chemistry of the product. Naturalcide™ is an exciting alternative to conventional chemical insecticides. Unlike chemical insecticides, there has been no insect known to develop immunity to it.

Insects are not built like other forms of life. Insects do not have blood vessels but rather a body cavity that holds their body fluids. If they lose as little as 10% of their body fluids, they aspire. Most insects have a waxy coating on the outside of their shell. Once this waxy coating is removed, the body fluid quickly evaporates and, as a result, destroys the insect on contact.

The Naturalcide™ method of terminating insects does not use chemicals to poison them. Rather, it physically destroys insects by removing the waxy coating and puncturing their bodies, dehydrating the insects.

Technical Information

Usage	Dilution Ratio	1:5
Physical Properties	Appearance	Liquid
	Color	Clear
	Fragrance	Citrus
	pH	4
	Shelf Life	Minimum 1 Year
Packaging	9801-004	(4) 1 gal./3.78

Advantages

A bio-based, all-natural insecticide controlling and repelling crawling and flying insects such as fire ants, mosquitoes, roaches and fruit flies. Naturalcide™ does not contain any hazardous ingredients like pesticide products that can cause safety and environmental concerns.

Naturalcide™ qualifies as being exempt from EPA Registration, under FIFRA Section 25(B), because it is composed of all-natural ingredients. “In 1996, EPA exempted certain minimum risk pesticides from FIFRA requirements if they satisfy certain conditions.” EPA exempted the products in part to “reduce the cost and regulatory burdens on businesses, as well as the public, for pesticides posing little or no risk and to focus EPA’s limited resources on pesticides which pose greater risk to humans and the environment.”

Unlike conventional pesticides which are ineffective when areas are wet or expecting rainfall, Naturalcide™ is safe for people, animals and vegetation.

Application

General Insects:
Dilute 1 ounce of product with 5 ounces of water. Use a sprayer with a thin-stream applicator. Apply liberally, covering entire infested area. Re-apply as needed.

Fire Ants:
Dilute 1 ounce of product with 3 ounces of water. Divide the mound into four sections. With a tool, puncher a hole into the mound and apply product directly into mound cavity. Spray product on the perimeter of mound to destroy any remaining fire ants.