

# BED BUG SPRAY



Bed bugs are challenging pests to control. The well-established resistance of bed bugs to DDT and pyrethroids has created a need for different and newer chemical approaches to their extermination.

ZenEarth's proprietary green chemistry delivers exactly that. It is a potent control for bed bugs, mites, fleas, lice and chiggers. Traditional products affect the insect's endocrine system and the nature of this chemical enables bed bugs to build up a resistance to these chemicals which is passed on to its offspring. ZenEarth's Bed Bug Spray only impacts the insect's respiratory system and ultimately suffocates them. This unique method relieves concerns of bed bugs building up a resistance to the pesticide and provides on-going and long lasting effectiveness.

ZenEarth's ready to use Bed Bug Spray is made with domestically sourced and renewable plant based materials including lemongrass, thyme, peppermint, cedar, clove, rosemary and garlic oils as well as a variety of other naturally occurring ingredients. Ready to use Bed Bug Spray is safe to use around children and pets and its biodegradable ingredients make it safe for the environment too.

It has a light, pleasant aroma to ensure comfortable habitable space for family members and guests and, when used daily, will keep your premises infestation free.

Bed Bug spray is being used by professionals in a diverse range of industries including:

- Hospitality
- Institutional
- Transportation
- Military

ZenEarth Bed Bug Spray counters the need for conventional, caustic and environmentally hazardous chemicals typically used in industry. Additional benefits:

- It is formulated from a variety of readily available plants and minerals. The natural ingredients mean it is fully biodegradable, and will not contaminate or pollute the environment.
- Can be used in the vicinity of humans without danger to their health.
- There are no special requirements or procedures for use.
- Bed Bug Spray will not affect fiber quality or color of bedding materials and it will not adversely affect indoor or outdoor environmental quality.
- It is safe for the user. Many of the standard work-safe procedures are a thing of the past as there are no VOC's, it is non-toxic to humans or pets, nonhazardous, non-flammable and non-cancer forming.



## ZEN EARTH PRODUCTS ARE:

**Bio - Based**

**Readily Biodegradable**

**Non - Toxic**

**Non - Corrosive**

**Non - Hazardous**

**Non - Caustic**

**Non - Flammable**

**Non - Cancer Causing**

## DO NOT CONTAIN:

**Ozone Depleting Substances**

**Petroleum Distillates**

**Glycol Ethers**

**Caustics**

**California Proposition 65 Chemicals**

The active ingredients behind all "green" ZenEarth cleaning, solvent and lubricating products are combinations of various readily biodegradable plants and naturally occurring minerals. ZenEarth's proprietary, renewable, chemical/mechanical process creates a truly unique product that is safe for human use and for the environment. It is effective and versatile.

All ZenEarth active ingredient formulas are effective as a result of the creation of electrically charged particles known as micelle. When activated in water, micelles repel each other in a ceaseless random movement. Measuring only 2 – 4 nanometers in size, their extreme surface-area-to-volume ratio enables far greater efficacy than conventional technologies or formulas. Micelles do not produce a chemical reaction that generates new compounds when introduced into another material or the environment, instead they break down carbon based compounds into smaller particles that can be easily assimilated and metabolized by normal soil or water microorganisms.