



## CHEMICAL FREE COLLOIDAL SOAP



### This Product is:

- Bio-Based
- Readily Biodegradable
- Non-Toxic to Humans and Animals
- Non-Corrosive
- Non-Hazardous
- Non-Caustic
- Non-Flammable
- Hypoallergenic
- Made from plants / vegetables.

### Does Not Contain:

- Ozone Depleting Substances
- Synthetics
- Terpenes
- Petroleum Distillates
- Glycol Ethers
- Caustics
- Builders & Reagents
- California Proposition 65 Chemicals



Distributed by:

Our **CHEMICAL FREE insecticidal soap** uses colloidal chemistry to **CONTROL PESTS** which provides potent control of mosquito's, aphids, flies, ticks, and arthropods—it exhibits control activity against larval, pupae and adult stages of specific insect species while posing no threat to humans and animals or the flora and fauna. This product immediately impacts on contact, the exoskeleton structure of arthropods by disrupting the molecular structure of the chitin and other protein substances that protect insects. Its mechanism of action triggers the rapid and irreversible deterioration of the insects' spiracles and tracheal system resulting in suffocation in the case of the adult mosquitoes, beetles, mites, ticks, and wood borers.

*Colloidal Pest Control* is exceptionally powerful, safe, and readily biodegradable. Colloidal Chemistry creates Nano-sized particles called "colloidal micelles" that are invisible to the naked eye.

**One nanometer = one-billionth of a meter = 1/80,000 the width of a human hair!**

---

*Micelles are sub-microscopic, electrically charged particles that, when activated in water, repel each other in a ceaseless random movement. Micelles in liquid solution measure only 2 to 4 nanometers in size, 50 to one hundred times smaller than the particles created from typical pest control solutions.*

---

The major benefit of this revolutionary method of insect control is the products ability to target an **INDIVIDUAL SPECIES of INSECT** through varied dilution rates. This makes it possible to control problem insects without harm to beneficial resident insect populations. Additionally, unlike standard insecticides in use today, no built-in resistance can be developed by the targeted insects since this new product does not act on their nervous system, but rather on their respiratory apparatus. Another major benefit of this revolutionary method of insect control is the absence of undesirable side effects on human health and the ecosystem.

### Advantages

- Pesticide Free
- Requires no pesticide applicators license
- High Performance
- Reduces regulatory Liability
- Contains no WHIMS regulated ingredients
- Improved Worker Safety
- Made from renewable natural resources
- Will not harm grass or plants
- Reduction in expensive disposal methods
- Reduced health risks to public & employees
- Highly concentrated
- Does not react with other chemistries,
- Safe for use fabrics

### What is Chemical Free Insecticidal Soap Made From?

*Our All Natural Colloidal Soap Product is formulated with plant extracts from crops grown in North America. Precise blending with essential oils and spice extracts such as; Thyme, Sage, and Oil of Cedar give our Colloidal Pest Control muscle with NO Hazardous Chemicals additives.*

Manufactured Exclusively By: R.I.D. Systems, Inc. 888-RID-SYSTEM



## CHEMICAL FREE COLLOIDAL SOAP

### APPLICATIONS

- Agricultural
- Barns
- Ponds
- Dairy Barns
- Horse Stables
- Marina / Boat
- Dog Kennels
- Food Processing Areas
- Homes
- Yards
- Porches
- Livestock Facilities

### SPECIFICATIONS

Though the formulation is proprietary, our products contain extracts from plants, grains, and fruits such as cactus, coconuts, corn, grass, potatoes, rice, soy, citrus fruits, essential oils such as ,Thyme, Sage, Garlic, Cedar, and minute amounts of natural non-ionic surfactants and pure water.

**100% BioBased Ingredients**—alkanolamines, amino acids, plant/vegetable extracts and oils, nonionic surfactants, plant based fatty acids and organic alcohol in a base of colloidal micelles.

RADIOCARBON C-14 (5/10/04) USDA approved testing: Meets USDA proposed requirements for product tested at 84 (range 83-91;N=8) Minimum Bio-Based contact n=5.

CLEAN AIR SOLVENT: SCAQMD method 313-91 No VOHAP, ODC or GWC detected.

CARCINOGENICITY: No ingredients listed by IARC, ACGIH, NTP or OSHA as a carcinogen.

**FLASH POINT: None**

**ODOR: faint garlic odor**

**BOILING POINT: 214.4 F**

**FREEZING POINT: 28.0 F**

**SPECIFIC GRAVITY: 1.001**

**SOLUBILITY: 100%**

**PH: 9.7**

**APPEARANCE: Slightly viscous**

### BENEFITS OF COLLOIDAL PEST CONTROL

- **Effectiveness** – Colloidal Pest Control has been engineered to be extremely effective at removing many types of insects
- **Residual Effect** – unlike pesticides and other harsh chemicals, Colloidal Pest Control will help keep insects away for up to 30 days when properly applied.
- **Safety** – made from natural ingredients that will not harm your home, family, or pets.
- **Technology** – our products are created through colloidal chemistry, an off-shoot of nanotechnology, which enables the use of natural plant extracts to deliver products that were not possible a few short years ago.
- **Ease of Use** – Colloidal Pest Control is packaged as concentrate and is easily diluted with plain water to make it ready to use (RTU) with straightforward directions so that the professional, or the property owner can complete the job.

### SUGGESTED DILUTIONS

Colloidal Pest Control provides property owners, ranchers, Animal specialists and farm mangers with a safe, simple, and economical way to rid their property of potentially hazardous insects.

#### **Knockdown and Maintenance Use:**

1-2 oz. of product per gallon of water.

Distributed by:

Manufactured Exclusively By: R.I.D.  
Systems, Inc. 888-RID-SYSTEM