



# MicroSol Liquid

## Environmental Clean Up and Remediation

Liquid

BioRemediation

Safely Remediate Pesticide Residue, Heavy Metals, Toxins, Mold, Mildew, Fungus and other Environmental Contaminants

Sizes:	8 ounce	SKU:	004-7046-ML8
	16 ounce		00E-7046-MLP
	32 ounce		004-7047-ML3
	1 gallon		004-7048-ML1
	2.5 gallon		006-7149-ML2
	5 gallon		006-7150-ML5

Orders: [www.Environmentics.com](http://www.Environmentics.com)  
304-940-8218



**A broad spectrum of billions of over 125 strains of soil borne microorganisms in a dormant state in an amino acid base. Activation occurs upon mixing into clean water. This is a balancing solution to clean the environment of toxins and broaden parameters of immunity.**

An organic enzymatic bacterial combination used for soil, crops, greenhouses, blight, turf, grapes, hydroponics, water, pond, lagoon treatment and more, **MicroSol Liquid** is bio-degradable, non-polluting and creates no phytotoxicity against vegetation and foliage.

In fact it's quite the opposite. Microbes consume and defecate through their outer membrane. Coming in contact with poisons, they emit enzymes to break the poisons down. Then they absorb and digest them. This results in excretions of beneficial amino acids, enzymes, minerals and the like. So that microbial remediation is good for the environment. It not only gets rid of the problem, it helps regenerate the area and continues to recycle, protect and prevent future problems.

The microbes control odors, break down solids and reduce waste. As natural chelators these microorganisms act on pathogenic bacteria like *Escherichia coli*, *Vibrio cholerae* and *Salmonella* while they are environmentally safe and literally breathe life back into polluted and contaminated soil and water.

Every species of microbes in **MicroSol Liquid** has a benefit and a purpose. For instance, *Bacillus* species are able to secrete large quantities of enzymes and are the source of a natural antibiotic and antifungal protein, barnase. *Arthrobacter* strains are used in bio-remediation because of its "clean-up" abilities. *Pseudomonas* are used to protect plants from a wide variety of pathogens and disease. *Rhodococcus* are especially good at metabolizing harmful pollutants and the ability to break nutrients into usable elements for plants.

Without microbes, minerals in the soil remain locked and unavailable, forcing the plants to uptake heavy metals and industrial waste in an effort to survive. The lack of microbes allows pesticide chemical residue to remain in the soil while healthy populations of microbes would consume and neutralize the chemical effects. Additionally, genetic integrity in plants and soil depend upon microbial balance as it is the microbes that provide the correct environment for life within the biome. Genetic expression is caused by the environment and in a healthy, balanced environment genetic modification would not be recognized or supported by nature.

Advanced, effective bioremediation is absolutely necessary in order to regenerate the soil. Plant life has been severely stressed so that, at this point, we need to stress in reverse. Diversity needs to be restored and the process of nature allowed to recover.

**MicroSol Liquid** works exponentially well in tandem with **MicroSol Powder**, a fine powder containing over 230 other diverse strains of soil borne microbes, including extremophiles which exist to recycle. These products work indoors, outdoors, in the air, the water, above and below ground. Every application is unique so that the most effective and economical protocol for the situation depends on the situation and what it requires. We provide general recommendations for application below. Feel free to contact us for further information.

**Liquid inoculants.** Over 125 strains of live soil borne microorganisms, dormant in an amino acid blend base

**Pond:** Mix 1 gallon **MicroSol Liquid** with 10 gallons clean water per surface acre and apply. Repeat every three days for two weeks then once weekly as needed. For prevention apply several times during growing season.

**Soil Surface:** Mix 32 ounces **MicroSol Liquid** to 10 gallons clean water per acre. Apply every three days for three applications, then once weekly as needed. For maintenance and prevention use a week before planting, and at intervals through the growing season.

**Soil Deep:** Drench thoroughly with soil surface mix. Incorporate 10 to 12 inches deep. Apply every three days for two weeks, then once per week until tests clear. For less invasive contamination use less.

**Greenhouses:** Mix 16 ounces **MicroSol Liquid** to 5 gallons clean water per 1000 square feet. Fine spray entire environment. Repeat every three days until resolved, then once per week as needed.

**Aquaponic and Hydroponic Application:** 1 fluid ounce Resinator per 10 gallons effluent. Repeat as needed.

**Gardeners:** Mix 1 ounce **MicroSol Liquid** per gallon clean water on 16 square feet. Apply evenly. Repeat as needed.

**Use diluted mixture within 24 hours of mixing.**