

Recycler Chemicals

Inoculum: Complex Contamination of Soil and Waste Water Treatment

Recycle - Rejuvenate – Sustain – Profit

Composition:

Thirty three different strains of free living microbes

Bacteria: Gram + and gram - strains that have demonstrated the ability to degrade a wide variety of complex organic molecules

Actinomycetes: Soil bacteria that have some unusual degradation capabilities

Fungi: Mycelial fungi that have demonstrated the ability to degrade complex chlorinated compounds

Capabilities:

- ✚ Isoprenoid, linear and cyclic terpene degradation
- ✚ Have demonstrated the ability to break down a variety of terpene compounds of varying complexity
- ✚ have demonstrated the ability to break down methylene chloride, DCE, TCE, perchloroethylene and related compounds
- ✚ Enhanced removal of many pesticides and herbicides
- ✚ have demonstrated the ability to reduce the levels of many pesticides in soil and wash water applications
- ✚ Degradation of phenols and related compounds
- ✚ Demonstrated the ability to degrade phenol, various cresols, dichlorophenol and pentachlorophenol

Applications:

- ✚ Citrus processors experiencing peel oil shocks to their wastewater treatment systems
- ✚ Various chemical manufacturers that have complex recalcitrant compounds in their wastewater
- ✚ Clothing manufacturers that have complex dyes and other related compounds in their wastewater
- ✚ Agricultural treatment locations with excessive residuals of certain pesticides and herbicides
- ✚ Pesticide and herbicide equipment washing wastewater at golf courses, landscaping and similar operations