

Study of EM Technology for Decomposition and Bioremediation of Dioxin Group Compounds

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Abstract : *Dioxins exert harmful effects on humans at very low concentrations and hence their degradation warrants immediate attention. Studies were hence carried out to utilize Effective Microorganisms (EM) to bioremediate dioxins from soils of a disposal plant. The application of EM reduced dioxins, and the degradation of polychlorinated dioxins was enhanced. The microbial populations of the treated soils were enhanced, thus illustrating benefits. The potential of mitigating dioxins through EM is presented.*
