



TERMINATOR-HSD Environmental Impact Statement

The TERMINATOR-HSD series of products are designed with the idea of total environmental restoration. No aspects of the product have been designed to solve one problem while contributing to other problems. This product series is designed to fully remediate hydrocarbons and other organic compounds to innocuous carbon dioxide (CO₂) and water (H₂O) by-products through complete mineralization or degradation. The product will in no way contribute to down-stream eutrophication (plant and algae overgrowth) due to the release of excess inorganic nitrogen and phosphorus. In fact, this product series contains components that are able to remove phosphorus in the immediate surroundings and promote healthy nitrification steps in the initiation of biological nutrient removal processes (BNR).

The components in the TERMINATOR-HSD product series have a history of use in traditional wastewater treatment and aquaculture systems for the sole purpose of elimination of organic waste (COD, BOD, TOC, etc.) and minimization of nitrogen and phosphorus components, the leading causes of eutrophication in receiving streams. The divalent ions (mainly Ca and Mg) and carbonate alkalinity matrix system in the TERMINATOR-HSD product series are conducive for solving the aforementioned problems/processes. The product contains no soluble inorganic fertilizers (plant foods) that can contribute to runoff issues. The product series has properties of absorption that will hold hydrocarbons in place physically until fully remediated, thereby reducing hydrocarbons naturally seen on waterways after rainfalls (oily sheens). All of the micronutrients and macronutrients in the TERMINATOR-HSD product series are slow, time-released, based on natural biological demand and uptake.

In addition to wastewater treatment and bio-remediation application areas, the components contained in the TERMINATOR-HSD product series are all-natural and do not contain any manufactured chemicals. All of the components have been used safely in animal and human nutrition along with agriculture (soil amendment) and aquaculture. TERMINATOR-HSD contains trace minerals only in quantities that are not harmful to human, animals, and aquatic life. It contains no heavy metals listed as hazardous according to U.S. EPA general guidelines or listings. The low application dosages required due to the products' effectiveness is also a guarantee against any excesses in the environment that can be traced by standard methods procedures. The total aim of the TERMINATOR-HSD Series is to keep land mass and waterways free of pollution and to improve the overall quality of the environment with continued use.



✓ **Safe** ✓ **Non-Toxic** ✓ **Biodegradable**