



PRODUCT OVERVIEW

The HC-Series™ is the professional product line for the bio-remediation of deep soil and ground water hydrocarbon contamination. These formulas were developed to help solve contamination situations that demand minimal disruption to surrounding environments while maintaining economic feasibility. The HC-Series™ has the ability to reach deep into contaminated areas, perform in-situ bio-remediation and accomplish goals in relatively short periods of time whilst realizing major material and labour savings.

HOW TO USE

HC-100
To be used for general use for the bio-remediation of soil and ground water hydrocarbon contamination. The formula was developed to solve situations that demand minimal disruption to surrounding environments while maintaining economic feasibility. We recommend the use of Dry Remediate™ with this product.

HC-200
The professional product for in-situ bio-remediation of hydrocarbon contaminated oily water, groundwater plumes and industrial wastewater, ponds and lagoons. This formulation was developed to rapidly degrade the major components of BTEX, higher range aromatic and aliphatic compounds.

HC-300
The finest professional product for the in-situ and ex-situ bioremediation of hydrocarbon contaminated soil. This formula was developed to specifically degrade light and heavy oil fractions. HC-300 Kit™ has the ability to degrade major gasoline range organics, DROs from #2 through #6 fuel oils, crude, tar, creosote and PAHs

Please call for advice for your specific application.

WHAT IT CAN TREAT

The following is a partial list of the hydrocarbons which HC Series™ can remediate:

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|-----------------|-----------------|-------------|--------------------|
| Diesel Fuel | Mineral Spirits | Alcohol | Organic pesticides |
| Heating Oil | Motor Oil | Naphthalene | Organic Herbicides |
| Gasoline | Aromatics | Crude Oil | Transmission Fluid |
| Benzene | Ethylbenzene | Toluene | Xylene |
| Paraffin | Jet Fuel | Kerosene | Organic Solvents |
| Lubricating Oil | Cutting Oils | Solvents | Grease |
| Paint Thinners | Glycols | Anti-freeze | Tars |

TECHINICAL INFORMATION

HC-Series™ products are an active mixture of hydrocarbon-oxidising, naturally occurring single-celled micro-organisms and water.

HC-Series™ products are not hazardous for the environment, they are pH Neutral and biodegradable.

Product Effectiveness: The effectiveness of this product and the speed at which it works is determined by certain factors. In general, these factors are:
- **Temperature:** The warmer the temperature the faster this product will work. The effective operating temperature is between 42°F and 120°F.
- **Aeration and Pressure:** Aeration (air hose) and pressure speed the process.
- **Type of Hydrocarbon:** Some hydrocarbons take longer than others.
The bio-remedial process generally will begin immediately but may take longer to complete depending on the above factors.

Appearance	Clear Liquid
Odor	Organic
Boiling Point	212°F (100°C)
Soluble in Water	Complete
pH Concentrate	6.9 to 7.2
pH Diluted	6.9 to 7.5
Evaporation Rate	Same as water

PACKAGING INFORMATION

Generally available as 20L cases (2 x 10L jugs).
IBCs and 200L drums available to order.
Under CLP, HC-Series™ is not classified as hazardous.

