




Biological Solutions for a Clean, Safe Environment

	<p style="text-align: center;">®</p> <h1 style="text-align: center;">M-1000 Products for Contaminated Waste</h1>
<p>THE PROBLEM</p>	<p>Contamination of soil and groundwater comes from dozens of sources but the majority of contaminants are hydrocarbon-based. This means that they have an organic basis for their composition and that they can be broken down into something that no longer pollutes. Sometimes, the environment can naturally break down pollutants over a long period of time. More often, site conditions, time constraints, business interests and risk evaluations require a faster remedy like the M-1000 line of bacterial products.</p>
<p>THE SOLUTION</p>	<p>Cost-effective, flexible and easy to apply, Micro-Bac's M-1000 products are natural bacteria developed specifically to supply safe, simple remedies for the clean-up of contaminated soils and groundwater. M-1000 adds a second army of microbes to the area and these extra-strength bacteria go to work to help provide...</p> <ul style="list-style-type: none"> • Faster remediation • Thorough degradation • Anaerobic capacity • Better activity • More resistance to toxins • Multiple bacterial capability
<p>THE BENEFITS</p>	<p>M-1000 products have a 95% success rate on bioremediation projects around the world, assuring that you will achieve project closure approvals more quickly, easily and economically than most mechanical or chemical technologies. The Micro-Bac remediation products are specifically targeted for the contaminant groups most frequently encountered; including products for TPH, PAH, PCBs, other aromatics, other chlorinated compounds, gasolines, crude oils, and jet fuels, to name a few. Compared to almost every other approach, M-1000 products are cost-effective. They work either anaerobically or aerobically. They require no expensive machinery. They withstand most bio-toxins and chemicals and by remediating the site more quickly, they will save you time and money on monitoring expenses, escrow fees, bank interest, penalties and lack of revenue.</p>
<p>THE USAGE</p>	<p>M-1000 products can be applied <i>in situ</i> or <i>ex situ</i>, as part of a bioreactor process, in landfarms, in biopiles, in pump and treat scenarios and in numerous other ways. They work well as an augmentation to other methods or as a stand-alone solution. Our clients</p>

	<p>are backed up by the modern lab facilities and excellent technical support of Micro-Bac International — an 18-year developer of environmental biotechnology products for industries throughout the world.</p> <p><i>Adding Nutrients...</i>Remediation specialists recognize the benefits of including nutrients in their bioremediation projects. Providing vitamins and trace minerals necessary for maximum performance, Micro-Bac’s eight nutrient packages are tailored for use with M-1000 for remediation success.</p>																		
<p>THE APPLICATION</p>	<p>Applying microbes and nutrients from Micro-Bac is simple. There’s no need for special equipment or handling. But if necessary, diagrams are supplied for unique remediation protocols.</p>																		
<p>THE ACCEPTANCE</p>	<p>M-1000 products are non-pathogenic, non-toxic and non-chemical. The EPA has seen no cause to regulate these natural products and they are used in Canada, Brazil, China, Japan, England, Venezuela and most of Europe.</p> <table border="1" data-bbox="553 810 1458 1287"> <thead> <tr> <th colspan="2">MSDS Summary for M-1000 Products</th> </tr> </thead> <tbody> <tr> <td>Appearance:</td> <td>Light pink to tan liquid with moderate odor</td> </tr> <tr> <td>Density:</td> <td>8 lbs./gallon</td> </tr> <tr> <td>Flash point:</td> <td>None</td> </tr> <tr> <td>Shelf life:</td> <td>6-12 months at 13-32 degrees C</td> </tr> <tr> <td>Handling:</td> <td>No special handling required, gloves/goggles suggested</td> </tr> <tr> <td>Disposal:</td> <td>Flush with clean water</td> </tr> <tr> <td>Hazardous:</td> <td>None</td> </tr> <tr> <td>Water Soluble:</td> <td>Yes</td> </tr> </tbody> </table>	MSDS Summary for M-1000 Products		Appearance:	Light pink to tan liquid with moderate odor	Density:	8 lbs./gallon	Flash point:	None	Shelf life:	6-12 months at 13-32 degrees C	Handling:	No special handling required, gloves/goggles suggested	Disposal:	Flush with clean water	Hazardous:	None	Water Soluble:	Yes
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