



## VertecBio™ ELSOL® Products

Bio-based Drop-in Replacements for Existing Petroleum-based Solvents

VertecBio ELSOL blends are patented, breakthrough products designed to directly replace petroleum solvents with **Bio-Based, Reduced Carbon Footprint, HAPS-Free** solvents that are both **Employee** and **Environmentally Friendly**. ELSOL blends show a 10% - 30% increase in efficiency over petroleum solvents, making them ideal for formulation of both low and higher solids products.

### VertecBio™ ELSOL® Product ► Petroleum Product

<b>AR</b>	→	<b>Acetone</b>	<b>LQ</b>	→	<b>Butyl Acetate</b>
<b>BCR</b>	→	<b>Butyl Cellosolve</b>	<b>MAKR</b>	→	<b>MAK</b>
<b>CXR</b>	→	<b>Cyclohexanone</b>	<b>NMPR</b>	→	<b>NMP (cleaning)</b>
<b>DBER</b>	→	<b>DBE</b>	<b>NMPR3</b>	→	<b>NMP (formulating)</b>
<b>Clean ECO-Solv</b>	→	<b>IPA</b>	<b>PMAR</b>	→	<b>PM Acetate</b>
<b>KTR</b>	→	<b>Tetrahydrofuran</b>	<b>TR</b>	→	<b>Toluene</b>
<b>KTR1</b>	→	<b>MEK</b>	<b>XR</b>	→	<b>Xylene</b>
<b>KTR2</b>	→	<b>MIBK</b>			

Unlike petroleum-based solvent manufacturers, Vertec BioSolvents, Inc. can custom-craft solvent blends to meet your specific needs. Solubility parameters, flash point, drying rate, and physical properties can be modified to meet your specific requirements.

Contact us today for more information about our VertecBio ELSOL™ products.

**U.S. Patent No. 7,754,104**

