

**Comparison of  
GenTech Vapor Degreasing Solvent to Perchloroethylene (PERC)**



<b>Performance Properties</b>	<b>GENTECH</b>	<b>PERC</b>
<b>Boiling Point</b>	160°F	250°F
<b>Flash Point</b>	None	None
<b>Evaporation Rate (n Butyl Acetate = 1)</b>	4.5	2.1
<b>Azeotropic Composition</b>	Yes	Yes
<b>Inhibited Against Metal Corrosion</b>	Yes	Yes
<b>Inhibited Against Hydrolysis</b>	Yes	Yes
<b>Kauri Butanol Value</b>	129	90
<b>Technical Properties</b>	<b>GENTECH</b>	<b>PERC</b>
<b>Specific Gravity, 25/25°C</b>	1.31	1.62
<b>Pounds Per Gallon @ 77°F</b>	10.99	13.47
<b>Specific Heat, 25°C, cal/g</b>	0.27	0.21
<b>Latent Heat, cal/g</b>	58.5	50.1
<b>Viscosity, 25°C, cps</b>	0.49	0.75
<b>Vapor Pressure, 25°C (mm Hg)</b>	139	18.1
<b>Vapor Density (Air =1)</b>	4.3	5.76
<b>Water Solubility (g/100 ml)</b>	0.25	0.15
<b>Flammability Limits LEL/UEL</b>	3% to 9.0%	13% to 23%
<b>Hansen Parameters: Non-Polar / Polar</b>	17.9 / 5.8	
<b>Regulatory Profile</b>	<b>GENTECH</b>	<b>PERC</b>
<b>Hazardous Air Pollutant (HAP)</b>	Yes	Yes
<b>NESHAP Regulated</b>	Yes	Yes
<b>VOC (Volatile Organic Compound)</b>	100%	100%