

**Comparison of
EnTron-AE Asphalt Extraction Solvent to Trichloroethylene (TCE)**



Performance Properties	EnTron-AE	TCE
Boiling Point	160°F	189°F
Flash Point	None	None
Evaporation Rate (n Butyl Acetate = 1)	4.5	3.0
Azeotropic Composition	Yes	Yes
Inhibited Against Metal Corrosion	Yes	Yes
Inhibited Against Hydrolysis	Yes	Yes
Kauri Butanol Value	129	125
Technical Properties	EnTron-AE	TCE
Specific Gravity, 25/25°C	1.31	1.46
Pounds Per Gallon @ 77°F	10.99	12.11
Specific Heat, 25°C, cal/g	0.27	0.23
Latent Heat, cal/g	58.5	56.4
Viscosity, 25°C, cps	0.49	0.54
Vapor Pressure, 25°C (mm Hg)	139	74.3
Vapor Density (Air =1)	4.3	4.53
Water Solubility (g/100 ml)	0.25	0.10
Flammability Limits LEL/UEL	3% to 9.0%	8% to 11%
Hansen Parameters: Non-Polar / Polar	17.9 / 5.8	18.7 / 9.28
Regulatory Profile	EnTron-AE	TCE
Hazardous Air Pollutant (HAP)	Yes	Yes
NESHAP Regulated	Yes	Yes
VOC (Volatile Organic Compound)	100%	100%