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)	No	Yes
NESHAP Regulated	Yes	Yes
ACGIH Cancer Classification	A3	A5
IARC Cancer Classification	Probable	2A
Department of Transportation	Regulated	Hazard Class 6.1
RCRA Hazard Waste	Yes	Yes
VOC (Volatile Organic Compound)	100%	100%