

<b>Type of Solvent</b>	<b>Tetrachloroethylene (PCE, PERC)</b>	<b>Trichloroethylene (TCE)</b>	<b>1,1,1-Trichloroethane (TCA)</b>
<b>Manufacturer</b>	principally: Dow Chemical, PPG Industries, & Vulcan Chemicals	various	formerly Dow Chemical
<b>Chemical Formula</b>	C <sub>2</sub> Cl <sub>4</sub>	C <sub>2</sub> HCl <sub>3</sub>	C <sub>2</sub> H <sub>3</sub> Cl <sub>3</sub>
<b>Boiling Point (degees Fahrenheit)</b>	250	189	165
<b>Vapor Pressure (mm Hg) @ 77°F</b>	18.2	74.3	123
<b>Specific Gravity</b>	1.62	1.46	1.34
<b>Density (lbs. per gallon)</b>	13.47	12.11	11.1
<b>Solubility in Water (g/L in 100 g of H<sub>2</sub>O)</b>	0.015	0.11	1.36
<b>Kauri-Butanol (KB) Value</b>	90	129	124
<b>odor</b>	ethereal	chloroform like	mild chlorform like
<b>Notes</b>		Used in spotting but no longer used as primary drycleaning solvent	No longer manufactured
<b>Type of Solvent</b>	<b>Stoddard Solvent</b>	<b>DF-2000™</b>	<b>PureDry™</b>
<b>Manufacturer</b>	various	ExxonMObil Chemical	Niran Technologies
<b>Chemical Name</b>			
<b>Chemical Formula</b>	> 65% C10 or higher hydrocarbons	Synthetic Aliphatic Hydrocarbon	mixture of Isoparaffins, Perfluorocarbons and Hydrofluor
<b>Boiling Point (degrees Fahrenheit)</b>	300-415	376-401	298
<b>Flashpoint (degrees Fahrenheit)</b>	100-139	147	350
<b>Vapor Pressure (mm Hg) @ 77°F</b>	0.5-0.27	0.49	2.1
<b>Specific Gravity</b>	0.75-0.82	0.77	0.8
<b>Density (lbs per gallon)</b>	6.8	6.8	6.71
<b>Solubility in Water (g/L in 100 g of H<sub>2</sub>O)</b>	negligible	negligible	negligible
<b>Kauri-Butanol (KB) Value</b>	29-45	27	37-40
<b>Odor</b>	Kerosene like	virtually odorless	slight solvent
<b>Notes</b>			
<b>Type of Solvent</b>	<b>1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113, Valclene)</b>	<b>Carbon Tetrachloride (tetrachloromethane)</b>	<b>Drylene™ 800</b>
<b>Manufacturer</b>	formerly Dupont	various	Chimica Sud S.N.C.
<b>Chemical Name</b>	C <sub>2</sub> Cl <sub>3</sub> F <sub>3</sub>	CCl <sub>4</sub>	
<b>Chemical Formula</b>	117	170.6	
<b>Boiling Point (degrees Fahrenheit)</b>	285	91	383-408
<b>Flashpoint (degrees Fahrenheit)</b>	1.564	1.594	179
<b>Vapor Pressure (mm Hg) @ 77°F</b>	13.07	13.3	N/A
<b>Specific Gravity</b>	0.02	0.08	Hydrocarbon comparable
<b>Density (lbs per gallon)</b>	30	136	Hydrocarbon comparable
<b>Solubility in Water (g/L in 100 g of H<sub>2</sub>O)</b>	ethereal		<100
<b>Kauri-Butanol (KB) Value</b>	No longer manufactured	No longer used in drycleaning	27
<b>Odor</b>			odorless
<b>Notes</b>			
<b>Type of Solvent</b>	<b>Green Earth®</b>	<b>Impress™</b>	<b>Rynex</b>
<b>Manufacturer</b>	GreenEarth Cleaning LLC	Lyondell Chemical	Rynex Corporation
<b>Chemical Name</b>	decamethylecyclopentasiloxane	Propylene Glycol Ethers	substituted aliphatic glycol ethers
<b>Chemical Formula</b>	C <sub>10</sub> H <sub>30</sub> O <sub>5</sub> Si <sub>5</sub>	trade secret	trade secret

<b>Boiling Point (degrees Fahrenheit)</b>	210	413.6	152
<b>Flashpoint (degrees Fahrenheit)</b>	170	190.4	200
<b>Vapor Pressure (mm Hg) @ 77°F</b>	0.3	0.05 @ 68 F	32
<b>Specific Gravity</b>	0.95	N/A	0.95
<b>Density (lbs per gallon)</b>	7.9	N/A	7.6
<b>Solubility in Water (g/L in 100 g of H<sub>2</sub>O)</b>	0.0000017	appreciable (10 % or more)	N/A
<b>Kauri-Butanol (KB) Value</b>	13	N/A	70
<b>Odor</b>	odorless	mild odor	light solvent odor
<b>Notes</b>			

**Type of Solvent**

**EcoSolv**

**Hydroclene**

**Shell Sol 140 HT**

<b>Manufacturer</b>	Chevron Phillips Chemical Co.
<b>Chemical Name</b>	aliphatic hydrocarbon
<b>Chemical Formula</b>	C10-C13 Isoparaffins
<b>Boiling Point (degrees Fahrenheit)</b>	181
<b>Flashpoint (degrees Fahrenheit)</b>	142
<b>Vapor Pressure (mm Hg) @ 77°F</b>	1.5 @ 100 F
<b>Specific Gravity</b>	0.76
<b>Density (lbs per gallon)</b>	N/A
<b>Solubility in Water (g/L in 100 g of H<sub>2</sub>O)</b>	Negligible
<b>Kauri-Butanol (KB) Value</b>	26-27
<b>Odor</b>	hydrocarbon odor
<b>Notes</b>	a.k.a. HC-DCF High Flash™

<b>Manufacturer</b>	Caled Chemical
<b>Chemical Name</b>	aliphatic petroleum solvent (naphtha)
<b>Boiling Point (degrees Fahrenheit)</b>	368
<b>Flashpoint (degrees Fahrenheit)</b>	145
<b>Vapor Pressure (mm Hg) @ 77°F</b>	0.23
<b>Specific Gravity</b>	0.79
<b>Density (lbs per gallon)</b>	6.59
<b>Solubility in Water (g/L in 100 g of H<sub>2</sub>O)</b>	Negligible
<b>Odor</b>	hydrocarbon odor
<b>Notes</b>	

<b>Manufacturer</b>	Shell Chemicals
<b>Chemical Name</b>	C9-C12
<b>Boiling Point (degrees Fahrenheit)</b>	371-416
<b>Flashpoint (degrees Fahrenheit)</b>	139
<b>Vapor Pressure (mm Hg) @ 77°F</b>	<5
<b>Specific Gravity</b>	0.79
<b>Density (lbs per gallon)</b>	Hydrocarbon comparable
<b>Solubility in Water (g/L in 100 g of H<sub>2</sub>O)</b>	Negligible
<b>Odor</b>	N/A
<b>Notes</b>	Hydrocarbon odor

