

Type of Solvent	Tetrachloroethylene (PCE, PERC)	Trichloroethylene (TCE)	1,1,1-Trichloroethane (TCA)
Manufacturer	principally: Dow Chemical, PPG Industries, & Vulcan Chemicals	various	formerly Dow Chemical
Chemical Formula	C_2Cl_4	C_2HCl_3	$C_2H_3Cl_3$
Boiling Point (degrees Fahrenheit)	250	189	165
Vapor Pressure (mm Hg) @ 77°F	18.2	74.3	123
Specific Gravity	1.62	1.46	1.34
Density (lbs. per gallon)	13.47	12.11	11.1
Solubility in Water (g/L in 100 g of H ₂ O)	0.015	0.11	1.36
Kauri-Butanol (KB) Value	90	129	124
odor	ethereal	chloroform like	mild chloroform like
Notes		Used in spotting but no longer used as primary drycleaning solvent	No longer manufactured

Type of Solvent	Stoddard Solvent	DF-2000™	PureDry™
Manufacturer	various	ExxonMOBil Chemical	Niran Technologies
Chemical Name			
Chemical Formula	> 65% C10 or higher hydrocarbons	Synthetic Aliphatic Hydrocarbon	mixture of Isoparaffins, Perfluorocarbons and Hydrofluoro
Boiling Point (degrees Fahrenheit)	300-415	376-401	298
Flashpoint (degrees Fahrenheit)	100-139	147	350
Vapor Pressure (mm Hg) @ 77°F	0.5-0.27	0.49	2.1
Specific Gravity	0.75-0.82	0.77	0.8
Density (lbs per gallon)	6.8	6.8	6.71
Solubility in Water (g/L in 100 g of H ₂ O)	negligible	negligible	negligible
Kauri-Butanol (KB) Value	29-45	27	37-40
Odor	Kerosene like	virtually odorless	slight solvent
Notes			

1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113, Valclene) Carbon Tetrachloride (tetrachloromethane)

formerly Dupont
 $C_2Cl_3F_3$
 117
 285
 1.564
 13.07
 0.02
 30
 ethereal
 No longer manufactured

various
 CCl_4
 170.6
 91
 1.594
 13.3
 0.08
 136
 No longer used in drycleaning

Green Earth®

GreenEarth Cleaning LLC
 decamethylcyclopentasiloxane
 $C_{10}H_{30}O_5Si_5$
 210
 170
 0.3
 0.95
 7.9
 0.000017
 13
 odorless

Impress™

Lyondell Chemical
 Propylene Glycol Ethers
 trade secret
 413.6
 190.4
 0.05 @ 68 F
 N/A
 N/A
 appreciable (10 % or more)
 N/A
 mild odor

Rynex

Rynex Corporation
 substituted aliphatic glycol ethers
 trade secret
 152
 200
 32
 0.95
 7.6
 N/A
 70
 light solvent odor

Drylene™ 800

Chimica Sud S.N.C.
 383-408
 179
 N/A
 Hydrocarbon comparable
 Hydrocarbon comparable
 <100
 27
 odorless

EcoSolv

Chevron Phillips Chemical Co.
 aliphatic hydrocarbon
 C10-C13 Isoparaffins
 181
 142
 1.5 @ 100 F
 0.76
 N/A
 Negligible
 26-27
 hydrocarbon odor
 a.k.a. HC-DCF High Flash™

Hydroclene

Caled Chemical
 aliphatic petroleum solvent (naphtha)
 368
 145
 0.23
 0.79
 6.59
 Negligible
 hydrocarbon odor

Shell Sol 140 HT

Shell Chemicals
 C9-C12
 371-416
 139
 <5
 0.79
 Hydrocarbon comparable
 Negligible
 N/A
 Hydrocarbon odor