DiversifiedCPC INTERNATIONAL

HFE-347

1,1,2,2-tetrafluoroethyl 2,2,2-trifluoroethyl ether (HFE-347pfc)

Aerosol Precision Cleaning

An economic alternative to Novec 7100 & 7200, HFCs & legacy solvents.

Applications Include:

- Heavy-duty cleaning (greases, heavy oils, fluxes)
- Medium-duty cleaning (oils, greases, waxes)
- Precision cleaning (light oils and particulates)
- Heat transfer

Key Features:

- Non-flammable
- Zero Ozone Depletion Potential (ODP)
- VOC exempt
- Non-corrosive
- Low surface tension and viscosity
- Excellent material compatibility

Properties	HFE-347	Novec 7100	HS Formula*	MS Formula*	PC Formula*
Kauri-Butanol Value (KB)	13	10	65-94	34	<23
Boiling Point °F (°C)	133 (56)	142 (61)	TBD	TBD	TBD
Flammability	None	None	None	None	None
Flash Point	None	None	None	None	None
Global Warming Potential (GWP)	540	320	109-270	378-423	486
Ozone Depletion Potential (ODP)	0	0	0	0	0

HS = High Solvency, MS = Medium Solvency, PC = Precision Cleaner

** Theoretical examples. Specific formulation needs will be determined with customer.*

Properties	HFE-347
Chemical Formula	C4H3F7O
CAS #	406-78-0
Boiling Point	56 C (133 F)
Kauri-Butanol Value (KB)	13
Flash Point	None
Freezing Point	-94 C (-137 F)
Flammability Limits, % by vol.	LEL: None | UEL: No
Specific Gravity @ 25 C	1.48 g/cm3 (12.35 lb./gal)
Vapor Pressure @ 25 C	0.32 kg/cm2 (4.55 psi)
Surface Tension	25 C 16.4mN/m
Evaporation Rate (Ether = 100)	67
Dielectric Strength	40 kV
Occupational Exposure Limit (8hr TWA)	50 ppm
Global Warming Potential (GWP)	540
Ozone Depletion Potential (ODP)	0

Formulated for Results

Today's aerosol, vapor degreasing, and industrial cleaning industries demand product formulations that meet precise performance objectives and lessen environmental impact. At Diversified CPC, we rely on our specialty solvent line, industry know-how, and experience to create the optimum solvent blend for any application.

Contact **info@diversifiedcpc.com** or visit **diversifiedCPC.com** to Discover The Power of Purity™.

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