

Honeywell's Genesolv® SF (HFC-245fa)

Replacement for R11, R141b, and other Halogenated Cleaning Solvents
Environmentally Safe¹, Nontoxic², and Nonflammable³

Genesolv® SF chemistry is fully compatible with R134a & R1234yf systems and the PAG & POE oils commonly used in air conditioning, refrigeration, cryogenics, and other vapor compression systems.

Genesolv® SF chemistry is fully compatible with all the common system construction materials; including stainless steel, carbon steel, brass, aluminum, plastics, and elastomers such as neoprene, butyl rubber, polypropylene, PTFE, and polycarbonate.



PART # 118725-50LB

Genesolv® SF is shipped in 50 lb DOT 39 disposable cylinders.

(Packaged for professional use with the HECAT® H1000 A/C Component Flusher)
UN3163 - 2.2 Non-Flammable Gas - (1,1,1,3,3-Pentafluoropropane) - Ground Shipping Only

HFC-245fa CAS # 460-73-1 Molecular Formula: CF₃CH₂CHF₂
Boiling Point: 59.5 °F Vapor Pressure: 4.0 PSIG @ 70°F / 42.5 PSIG @ 130°F

(¹) **Environmental Effects:** Genesolv® SF does not deplete the ozone. It is not a VOC and has a relatively low Global Warming Potential. It is listed on the US EPA TSCA Inventory, the European EINECS Inventory, and the Japanese MITI Inventory. (²) **Toxicity:** Extensive testing demonstrates that Genesolv® SF exhibits a low order of toxicity. The American Industrial Hygiene Association (AIHA) has established a Workplace Environmental Exposure Level (WEEL) of 300 ppm (8 hour TWA). (³) **Flammability:** Genesolv® SF is classified as a nonflammable liquid. It has neither an open cup nor closed cup flashpoint, and does not exhibit vapor flame limits. Flame Limits measured at ambient temperature and pressure using ASTM E681-85 with electrically heated match ignite. Flashpoint measured by ASTM D 3828-87 & ASTM D1310-86.

