CLAIMS

1. A composition comprising HFO-1234yf, HFO-1225zc, and at least one additional compound selected from the group consisting of HFC-254eb, HFC-254fb, HFO-1243zf, HFC-245eb, HFC-245fa, HFC-245cb, HFC-236cb, HFC-236ea, HFC-236fa, HFC-227ea, HFC-227ca, HFO-1225yc, HFO-1225ye, methane, ethane, propane, HFC-23, HFC-143a, HFC-134, HFC-134a, HFO-1132a, and FC-1216.

2. Use of the composition of claim 1 as a refrigerant.

3. Use of the composition of claim 1 as a refrigerant in air conditioners, freezers, refrigerators, heat pumps, water chillers, flooded evaporator chillers, direct expansion chillers, centrifugal chillers, walk-in coolers, heat pumps, mobile refrigerators, mobile air conditioning units and combinations thereof.

4. A method of heat transfer wherein a working fluid is used to carry heat from a heat source to a heat sink, wherein the working fluid is a refrigerant that undergoes a phase change between the liquid and gas phase and back or vice versa, characterized by said working fluid comprising a composition of claim 1.