Don’t select a refrigerant solution until you’ve explored the Environment/Safety, Energy Efficiency, and Economics aspects.
Environment and Safety
Consider both Earth’s environment and your store’s environment. You want a refrigerant with reduced global warming potential (GWP) while also making sure your people, customers, and store are protected. Be wary of refrigerants that claim to be natural: they are industrial chemicals that are flammable, explosive, and toxic. Lower-GWP, nonflammable Honeywell Solstice refrigerants deliver a lower environmental impact compare to the refrigerants they replace, without sacrificing the safety you need and want.

Energy Efficiency
Energy efficiency and economics are closely linked. Maximizing energy efficiency of A/C and refrigeration units is essential, but hidden costs can eat away at your savings. For instance, ammonia delivers acceptable energy performance, but the tradeoffs outweigh the benefits. It presents an explosion risk, is acutely toxic, and requires expensive special handling and equipment. Honeywell Solstice refrigerants deliver energy-efficient performance without the risks.

Economics
Cost goes beyond refrigerant price. Choosing a so-called “natural” refrigerant can seem economically prudent on the surface, but can become expensive once you add in the hidden costs of system conversion, maintenance, and the higher cost of finding personnel trained to work with hazardous materials. With Honeywell Solstice® refrigerants, the total cost for conversion and maintenance is lower, plus there’s a large pool of trained technicians to choose from.

Choose Honeywell Solstice Refrigerants
- Low and reduced GWP and EPA SNAP-listed
- Nonflammable (ASHRAE A1)
- Safe, cost-effective choice for a wide range of applications:
  - Supermarket refrigeration
  - Commercial chillers
  - Automotive air conditioning
  - Industrial cooling

Avoid A Natural Disaster
In a recent example of the dangers of flammable refrigerants, two men suffered severe burns and six others were injured during an explosion at a refrigeration plant in Osnabrück, Germany, this past July. Osnabrück police stated that the explosion and fire occurred during maintenance on the system, which was using highly flammable propane refrigerant.