SOLSTICE® N15 (R-515B)

Solstice® N15, (R-515B), is a nonflammable, azeotropic HFO blend refrigerant for medium temperature commercial refrigeration and approved high temperature cooling applications.

For OEMs and contractors evaluating refrigerant options, Solstice N15 helps balance environmental goals, operational reliability, and implementation simplicity. Its A1 nonflammable classification, equal efficiency to R-134a, and zero-glide performance make it a strong candidate when decision criteria include safety, predictable operation, and ease of adoption across approved equipment platforms.

Solstice N15 is also suitable for selected high-ambient air conditioning and cooling applications, including approved transitions from legacy HCFC refrigerants such as R-124. It is not a drop-in replacement and should be evaluated according to OEM guidance, retrofit procedures, lubricant requirements, and application-specific system needs.



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CATEGORY	SOLSTICE® N15
Performance Function	New equipment / approved equipment platforms / approved retrofit applications
Refrigerant Class	HFO-based blend
Refrigerant Type	Azeotropic blend
Global Warming Potential	293
Ozone Depletion Potential	0
ASHRAE Safety Classification	A1 (nonflammable)
ASHRAE Number	R-515B
Alternative To	R-134a / selected R-124 applications where approved

WHY CHOOSE SOLSTICE N15?

When selecting a refrigerant; weight safety classification, environmental impact, performance expectations, and transition complexity become top priorities. Solstice N15 addresses these priorities with a combination of A1 non-flammability, proven efficiency comparable to R-134a, and suitability for approved refrigeration and high ambient cooling applications.

If seeking a practical path forward, Solstice N15 offers a balance of sustainability, service familiarity, and confidence in long term equipment planning.

APPLICATIONS



Medium temperature commercial refrigeration



Food retail supermarket systems & condensing units



High temperature cooling systems



Approved high-ambient air conditioning applications



Data center cooling applications



Approved R-134a replacement applications



Selected R-124 transition applications where approved

BENEFITS

- **Reduce transition risk:** Support approved equipment upgrades and refrigerant transition strategies with a solution designed for new equipment, approved platforms, and selected retrofit opportunities.
- **Meet safety requirements with confidence:** A1 nonflammable classification helps satisfy stakeholder expectations where safety and regulatory considerations influence purchasing decisions.
- **Maintain performance in demanding climates:** Enable approved high-ambient cooling applications while supporting reliable operation and long-term system planning.
- **Advance sustainability goals:** Lower environmental impact compared with legacy options while maintaining performance expectations important to owners and operators.
- **Improve planning and service simplicity:** Zero-glide characteristics support predictable system behavior and easier refrigerant management discussions across project teams.
- **Support uptime and operational continuity:** Help balance environmental objectives with practical considerations such as equipment compatibility, technician familiarity, and dependable performance.

PACKAGE TYPE	PRODUCT PACKAGING SIZE	SKU
Jug	10 lb / 4.5 kg	10662765
Jug	30 lb / 13.6 kg	10662766
Cylinder	100 lb / 45.4 kg	10661616
Half Ton	100 lb / 45.4 kg	10661796

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