

Product Specification

Solchem® 404a

ASHRAE Number: R404A
UN Number : 3337
Composition:

<u>Component name</u>	<u>Chemical Formula</u>	<u>CAS Number</u>	<u>Composition</u>
1,1,1-Trifluoroethane (R143a)	CH ₃ CF ₃	420-46-2	52 +/- 1 %w/w
Pentafluoroethane (R125)	CHF ₂ CF ₃	354-33-6	44 +/- 2 %w/w
1,1,1,2-Tetrafluoroethane (R134a)	CH ₂ FCF ₃	811-97-2	4 +/- 2 %w/w

Specifications

Purity	Minimum	99.0	%w/w
Water content	Maximum	15.0	ppm w/w
Non-Condensable Gas (vapour phase)	Maximum	1.5	% v/v
High boiling residue	Maximum	0.05	% w/w
Acidity (as HCl)	Maximum	1.0	ppm w/w
Chloride	No visible turbidity	Pass	
Appearance	Clear and colourless liquefied gas		

(Methods defined by the Air-Conditioning and Refrigeration Institute (ARI) Standard 700-95)

For toxicological and health and safety information, please consult our Material Safety Data Sheet.

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