

## Product Specification

## ISCEON<sup>®</sup> MO59 (R417A)

 ASHRAE Number: R417A  
 Composition:

Component name	Chemical Formula	CAS Number	Composition
1,1,1,2-tetrafluoroethane (R134a)	CH <sub>2</sub> FCF <sub>3</sub>	811-97-2	50 + / - 1 %w/w
pentafluoroethane (R125)	CHF <sub>2</sub> CF <sub>3</sub>	354-33-6	46.6 + / - 1 %w/w
n-butane (R600)	CH <sub>3</sub> CH <sub>2</sub> CH <sub>2</sub> CH <sub>3</sub>	106-97-8	3.4 +0.1 -0.4 %w/w

### Guaranteed Specifications

Purity	Minimum	99.5	%w/w
Water content	Maximum	10.0	ppm w/w
Non-Condensable Gas (vapour phase)	Maximum	1.5	% v/v
High boiling residue	Maximum	0.01	% w/w
Acidity (as HCl)	Maximum	1.0	ppm w/w
Chloride	No visible turbidity	Pass	
Appearance	Clear and colourless liquefied gas		

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

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