

Product Specification

Isceon[®] MO99

ASHRAE Number: R438A

Composition:

<u>Component name</u>		<u>Chemical Formula</u>	<u>CAS Number</u>	<u>Composition (%w/w)</u>
Difluoromethane	(R32)	CH ₂ F ₂	075-10-5	7.0 – 9.0
Pentafluoroethane	(R125)	CHF ₂ CF ₂	354-33-6	43.5 – 46.5
Tetrafluoroethane	(R134a)	CH ₂ FCF ₃	811-97-2	42.7 – 45.7
n-Butane	(R600)	CH(CH ₃) ₃	106-97-8	1.5 - 1.8
Isopentane	(R601a)	C ₂ H ₅ CH(CH ₃) ₂	078-78-4	0.4 - 0.7

Guaranteed Specifications

UNCONTROLLED

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		

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

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