

# Specification

## Technical Data Sheet

<b>Product Name</b>	Perfluorodecalin
<b>Product No</b>	50547934
<b>CAS Number</b>	306-94-5
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	462.08
	<b>Specification</b>
<b>Appearance</b>	Clear, colourless liquid
<b>Molecular Weight</b>	462
<b>Storage Temperature</b>	+20 &deg; C
<b>Assay/Purity</b>	95% minimum
<b>Density</b>	1.92kg/L
<b>Boiling Point</b>	142&deg;C
<b>Refractive Index</b>	nD20: 1.313

## Specification

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**Viscosity** Kinematic: 2.66 sq. mm /s Dynamic: 5.10 mPa/s

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**Molecular Formula** C<sub>10</sub>F<sub>18</sub>

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**Odour** Odourless

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**Oxygen Solubility** per 100ml substance: 50ml

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**Pour Point** -10&deg;C

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