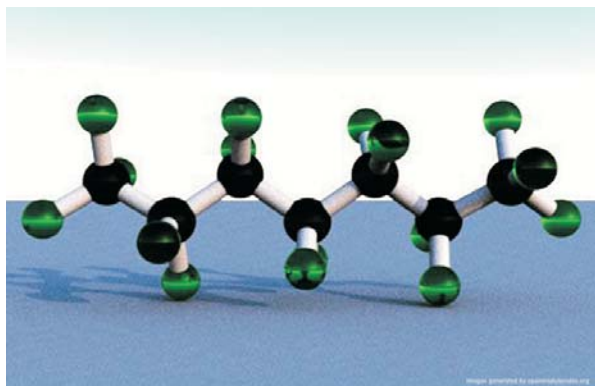




## F2 Chemicals Ltd



### Perfluoroheptane

**Synonyms:** Perfluoroheptane

**CAS Number:** 335-57-9

### Description & Characteristics

Perfluoroheptane, C<sub>7</sub>F<sub>16</sub> is a fully-fluorinated, odourless, colourless liquid with the following characteristics:

- Compatibility with most construction materials
- Excellent chemical and thermal stability
- Non flammability
- Practically non-toxic<sup>1</sup>

### Applications

Perfluoroheptane finds many applications including as a fluid for cooling in the electronics industry and for various energy transfer applications.

### Safety & Handling

Although Perfluoroheptane, is considered biologically and chemically inert, good laboratory practice should be observed when handling. Perfluoroheptane, has an indefinite shelf life if properly stored in its original sealed container. Safety data sheets are available on request.

### Typical Physical Properties

Formula:	C <sub>7</sub> F <sub>16</sub>
Molecular Weight	388
Boiling Point	80°C
Melting Point	-78°C
Density	1.720 g/ml
Refractive Index	1.2600
Specific Heat	311.00 kJ/kg/K
Viscosity	0.90 mPa s
Kinematic Viscosity	0.52 mm <sup>2</sup> /s
Surface Tension	13.0 mN/m
Critical Temperature	474.8 K
Critical Temperature	201.6°C
Critical Pressure	16.20 bar

\* Estimated value

The above typical physical properties, in no way form or represent product specification.