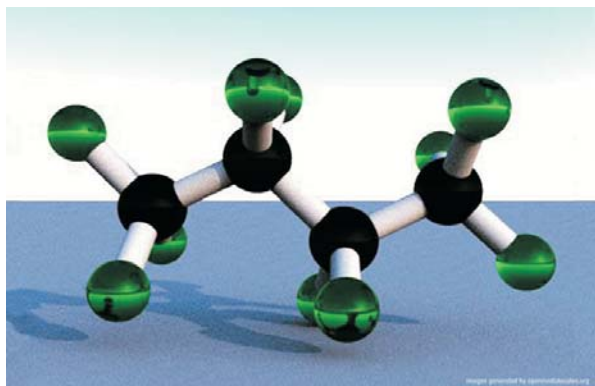




## F2 Chemicals Ltd



### Perfluorobutane

**Synonyms:** Perfluorobutane

**CAS Number:** 355-25-9

### Description & Characteristics

Perfluorobutane, C<sub>4</sub>F<sub>10</sub> is a fully-fluorinated, odourless, colourless liquefied gas has the following characteristics:

- Compatibility with most construction materials
- Practically non-toxic<sup>1</sup>
- Non-flammability

### Applications

Perfluorobutane is used in pharmaceutical applications such as contrast imaging agents. It is also had other technical applications.

### Safety & Handling

Although Perfluorobutane is considered biologically and chemically inert, good laboratory practice should be observed when handling. Safety data sheets are available on request.

### Typical Physical Properties

Boiling Point, °C	-2
Freezing Point, °C	-128
Molecular weight	238
Density (sat. liquid), kg/l	1.517
Density (vapour, 1 atm), kg/	0.009935
Vapour pressure (21.1°C), bar	2.9
Heat of vaporisation at boiling point, kj/kg	96.3*
Specific heat (sat. liquid), kj/kg °C	1.045*
Specific heat (vapour, 1 atm), kj/kg °C	0.805*10 – 100kg DOT Cylinders

\* Estimated value

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