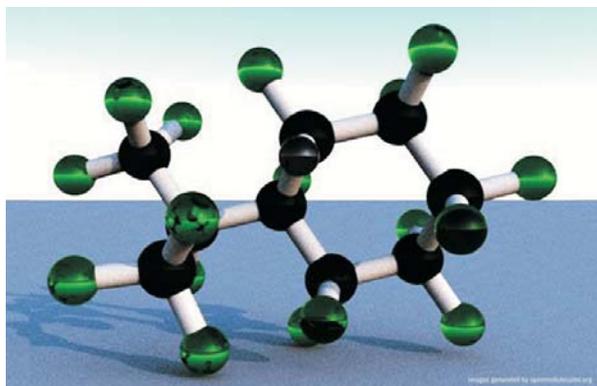




## F2 Chemicals Ltd



### Perfluoro-iso-propylcyclohexane

**Synonyms:** Perfluoro-iso-propylcyclohexane

**CAS Number:** 423-02-9

#### Description & Characteristics

Perfluoro-iso-propylcyclohexane, C<sub>9</sub>F<sub>18</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

Perfluoro-iso-propylcyclohexane is predominantly used as a tracer and taggant under the trade name Flutec TG i-PPCH but it can be also used in many other technical applications.

#### Safety & Handling

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

#### Typical Physical Properties

Boiling Point °C	130
Melting Point °C	-43
Molecular Weight	450
Partition Coefficient (log K <sub>ow</sub> )	5.8 (estimated)
Density, g/l	1.894
Viscosity, (dynamic), mPas	3.22
Kinematic Viscosity	1.70
Vapour Pressure kPa	1.7
Vapour Density	ca. 0.014 g/ml
Relative Vapour Density (air=1)	11

\* Estimated value

Temperature dependant properties are quoted at 25°C unless otherwise stated. The above typical physical properties, in no way form or represent product specification.