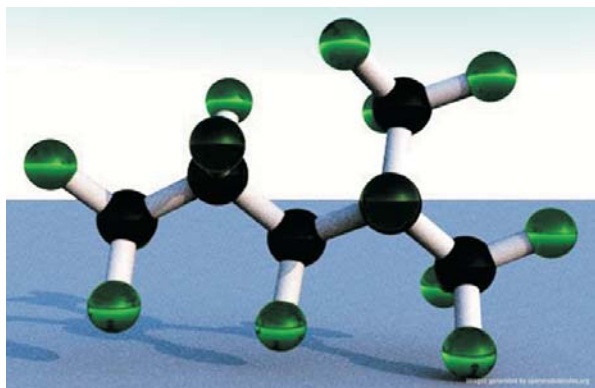




## F2 Chemicals Ltd



### FLUTECTM TG-PFH

**Synonyms:** Perfluoro-2-methylpentane / Perfluoro-i-hexane

**CAS Number:** 355-04-4

### Description & Characteristics

FlutecTG-PFH, C6F14, 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

Flutec TG-PFH is used in tagging and tracing applications.

### Safety & Handling

Although Flutec TG-PFH is considered biologically and chemically inert, good laboratory practice should be observed when handling. Flutec TG-PFH 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	57	Specific Heat, kj/kg °C	1.09
Pour Point °C	-90	Critical Temperature, °C	177.9
Molecular Weight	338	Critical Temperature, oK	451.1
Density, kg/l	1.682	Critical Pressure, bar	18.34
Viscosity (kinematic), mm <sup>2</sup> /s	0.39	Critical Volume, l/kg	1.582
Viscosity, (dynamic), mPas	0.656	Resistivity ohm.cm	>10 <sup>13</sup>
Surface Tension, mN/m	11.1	Dielectric Breakdown Strength kV/mm 50Hz	>16
Vapour Pressure, mbar	294	Thermal Conductivity, mW/m °C	65.3
Heat of vaporisation at Boiling Point, kj/kg	78.7	Expansion Coefficient, ?-1(0?)	0.00159
Specific Heat, kj/kg °C	1.09		

\* Estimated value

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