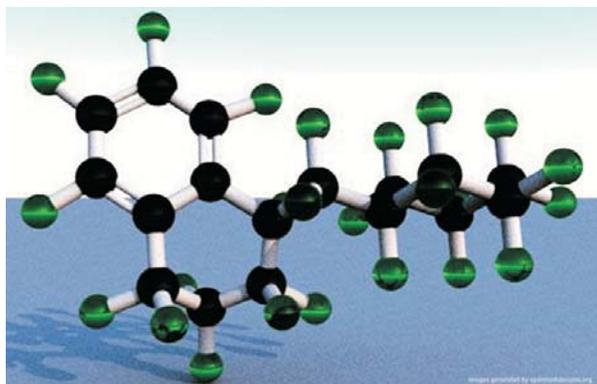




F2 Chemicals Ltd



FLUTEC™ TG-PPHB

Synonyms: Perfluoroperhydrobenzyltetralin

CAS Number: 116265-66-8

Description & Characteristics

Flutec TG-PPHB, C17F30, is a fully-fluorinated, odourless, colourless, non-volatile liquid with the following characteristics:

- Compatibility with most construction material
- Excellent chemical and thermal stability
- Non flammability
- Practically non-toxic¹

Applications

Flutec TG-PPHB is used for tracing and tagging applications.

Safety, Handling and Storage

Although Flutec TG-PPHB is considered biologically and chemically inert, good laboratory practice should be observed when handling. Flutec TG-PPHB, 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	260	Specific Heat, kj/kg °C	0.957*
Pour Point °C	-10	Critical Temperature, °C	400.4*
Molecular Weight	774	Critical Temperature, °K	673.6*
Density, g/l	2.049	Critical Pressure, bar	11.34
Viscosity (kinematic), mm ² /s	56.1	Critical Volume, l/kg	1.574*
Viscosity, (dynamic), mPas	114.5	Resistivity ohm.cm	>1013
Surface Tension, mN/m	19.4	Thermal Conductivity, mW/m °C	63.8*
Vapour Pressure, mbar	<1	Expansion Coefficient, °C ⁻¹ (0 °C)	0.00084
Heat of vaporisation at Boiling Point, kj/kg	67.9*		

* 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.