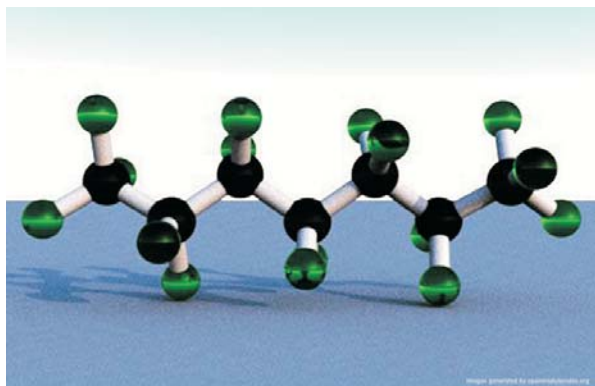




F2 Chemicals Ltd



FLUTEC™ TG-PFHEP

Synonyms: Perfluoroheptane

CAS Number: 335-57-9

Description & Characteristics

Flutec TG-PFHEP, C₇F₁₆ 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-toxic¹

Applications

Flutec TG-PFHEP finds many applications including as a fluid for cooling in the electronics industry and for various energy transfer applications.

Safety & Handling

Although Flutec TG-PFHEP is considered biologically and chemically inert, good laboratory practice should be observed when handling. Flutec TG-PFHEP, 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 ₇ F ₁₆
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 ² /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.