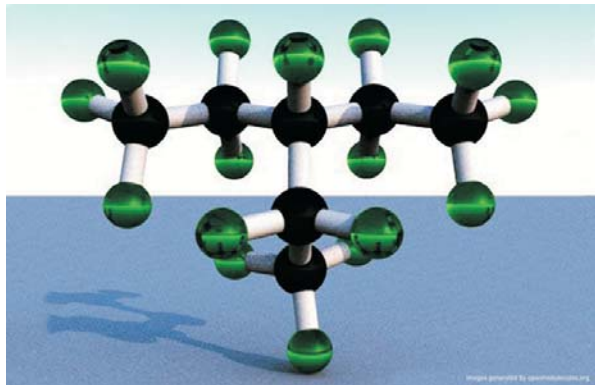




F2 Chemicals Ltd



FLUTEC™ TG-PEP

Synonyms: Perfluoro-3-ethylpentane

CAS Number: 2690-05-3

Description & Characteristics

Flutec TG-PEP, 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-PEP is predominantly used for tracing and tagging applications.

Safety & Handling

Although Flutec TG-PEP is considered biologically and chemically inert, good laboratory practice should be observed when handling. Flutec TG-PEP 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	4.0°C
Melting Point °C	-80.0°C
Molecular Weight	388
Partition Coefficient (log Kow)	6.3 (estimated)
Density	1.783 g/ml
Viscosity	0.00 mPa s
Kinematic Viscosity	0.00 mm ² /s
Surface Tension	16.0 mN/m
Critical Temperature, °C	°C
Vapour Pressure	9.2 kPa
Vapour Density	ca. 0.012 g/ml
Relative Vapour Density	9.3 (air=1)

* Estimated value

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