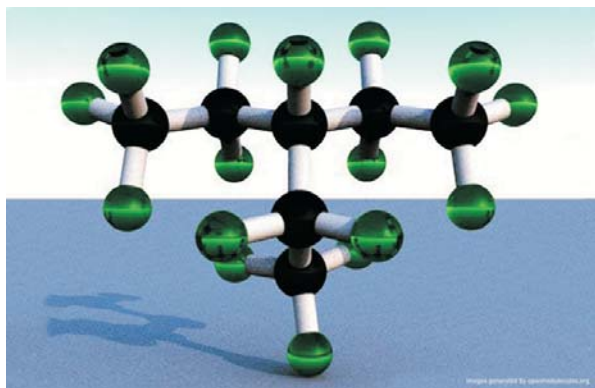




## F2 Chemicals Ltd



### FLUTECTM PP70

**Synonyms:** Perfluoro-3-ethylpentane

**CAS Number:** 2690-05-3

### Description & Characteristics

Perfluoro-3-ethylpentane 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-toxic<sup>1</sup>

### Applications

Although Perfluoro-3-ethylpentane is predominantly used as a tracer or taggant under the trade name of Flutec TG-PEP, it has the same characteristics as other perfluorocarbons and can be used in similar applications.

### Safety & Handling

Although Perfluoro-3-ethylpentane is considered biologically and chemically inert, good laboratory practice should be observed when handling. Perfluoro-3-ethylpentane 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 <sup>2</sup> /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.