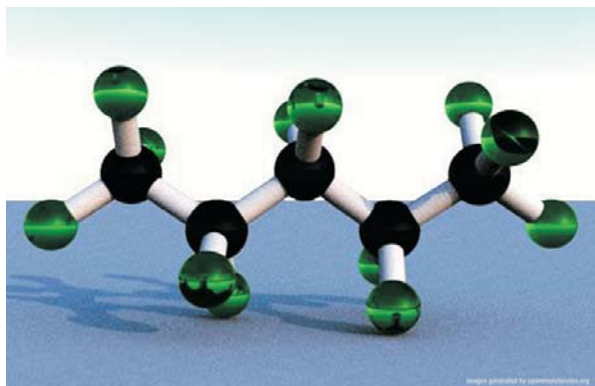




F2 Chemicals Ltd



FLUTEC™ TG-PFP

Synonyms: Perfluoropentane

CAS Number: 678-26-2

Description & Characteristics

Flutec TG-PFP, C5F12 is a fully-fluorinated, odourless, colourless liquid.

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

Applications

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

Safety, Handling and Storage

Although Flutec TG-PFP is considered biologically and chemically inert, good laboratory practice should be observed when handling. Flutec TG-PFP has an indefinite shelf life if properly stored in its original sealed container. Material safety data sheets are available on request.

Typical Physical Properties

Boiling Point °C	29	Surface Tension	0.4
Freezing Point °C	-120	Vapour pressure, mbar	862
Molecular Weight	288	Heat of vaporisation at boiling point, kJ/kg	90.8
Density, (sat.liq) kg/l	1.604	Specific Heat. KJ/kg °C	1.05*
Viscosity (kinematic), mm ² /s	0.29	Oxygen solubility, ml per 100ml	54
Viscosity, (dynamic), mPas	0.46	Refractive index, n _D 20	1.2383

* Estimated value

Temperature dependant properties are quoted at 25? unless otherwise stated. The above typical physical properties, in no way form or represent product specification.