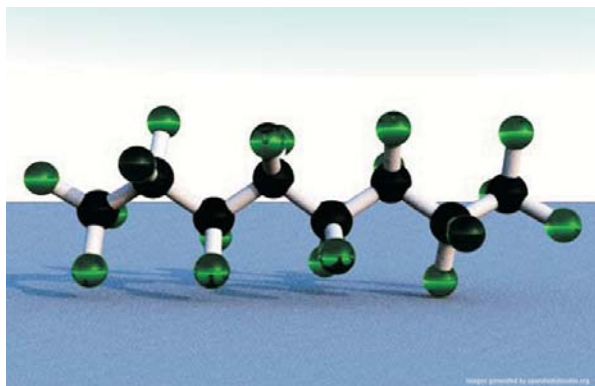




F2 Chemicals Ltd



FLUTEC™ TG-PFNO

Synonyms: Perfluoro-n-octane

CAS Number: 307-34-6

Description & Characteristics

Flutec TG-PFNO, C₈F₁₈, is a fully-fluorinated, odourless, colourless, non-volatile liquid containing a mixture of cis and trans isomers and has the following characteristics:

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

Applications

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

Safety & Handling

Although Flutec TG-PFNO is considered biologically and chemically inert, good laboratory practice should be observed when handling. Flutec TG-PFNO 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	103
Pour Point °C	-27
Molecular Weight	438
Density, g/l	1.755
Viscosity, (dynamic), mm ² /s	1.03
Viscosity, (dynamic), mPas	1.80
Vapour Pressure mbar	3.4
Surface Tension mN/m	16

* 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.