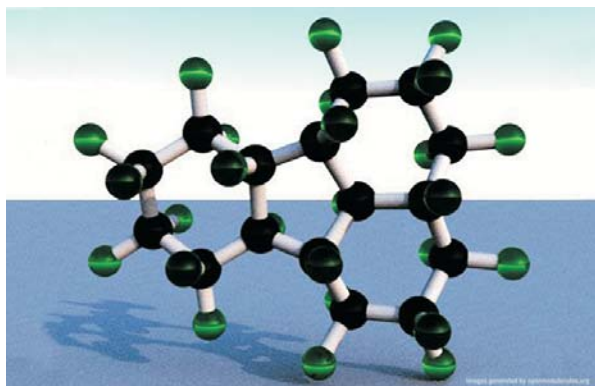




F2 Chemicals Ltd



Perfluoroperhydrofluoranthene

Synonyms: Perfluoroperhydrofluoranthene

CAS Number: 662-28-2

Description & Characteristics

Perfluoroperhydrofluoranthene, C₁₆F₂₆, is a fully-fluorinated, odourless, colourless, non-volatile liquid with the following characteristics:

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

Applications

Perfluoroperhydrofluoranthene is used in tracing and tagging applications.

Safety, Handling and Storage

Although Perfluoroperhydrofluoranthene is considered biologically and chemically inert, good laboratory practice should be observed when handling. Perfluoroperhydrofluoranthene 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	244	Refractive Index	1.3462
Pour Point °C	0	Viscosity (kinematic), mm ² /s	7.46
Molecular Weight	686	Viscosity, (dynamic), mPas	15.30
Density, g/l	2.052	Critical Temperature, °K	2.2
Vapour Pressure kPa	<0.1	Critical Temperature, °C	ca. 0.014 g/ml
Heat of vapourisation kJ/kg @ bp	67.9		

* 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.