



F2 Chemicals Ltd



FLUTEC™ PFIND

Synonyms: Perfluoroindane

CAS Number: 374-80-1

Description & Characteristics

Perfluoroindane, C₉F₁₆ 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

Perfluoroindane is predominantly used as a tracer and taggant under the trade name Flutec TG-PFIND but it can be also used in many other technical applications such as heat transfer and cooling.

Safety & Handling

Although Perfluoroindane is considered biologically and chemically inert, good laboratory practice should be observed when handling. Perfluoroindane 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	117.8
Melting Point °C	-4.0
Molecular Weight	412
Partition Coefficient (log Kow)	5.2 (estimated)
Density, g/l	1.884
Specific Heat, kj/kg °C	0.85
Viscosity, (dynamic), mPas	5.01
Kinematic Viscosity	2.66
Vapour Pressure kPa	2.4
Vapour Density	ca. 0.014 g/ml

* 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.