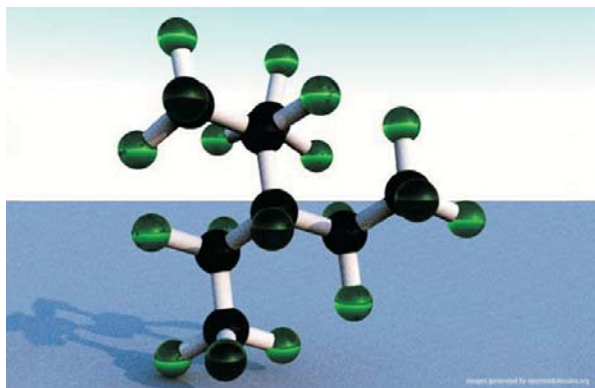




F2 Chemicals Ltd



Perfluoro-2-methyl-3-ethylpentane - FLUTE[™] PP80

Synonyms: Perfluoro-2-methyl-3-ethylpentane

CAS Number: 354-97-2

Description & Characteristics

Perfluoro-2-methyl-3-ethylpentane, C₈F₁₈, 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

Perfluoro-2-methylpentane is often used under the trade name Flutec TG-PMEP as a tracer or taggant but Perfluoro-2-methylpentane is also be used for heating and cooling applications as well.

Safety & Handling

Although Perfluoro-2-methyl-3-ethylpentane is considered biologically and chemically inert, good laboratory practice should be observed when handling. Perfluoro-2-methyl-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	103.2
Pour Point °C	-70
Molecular Weight	438
Density, g/l	1.839
Specific Heat, kj/kg °C	1.0019
Viscosity, (dynamic), mPas	2.95
Kinematic Viscosity	1.604
Critical Temperature, °C	K
Vapour Pressure	4.5 kPa
Vapour Density	ca. 0.012 g/ml

* Estimated value

The above typical physical properties, in no way form or represent product specification.