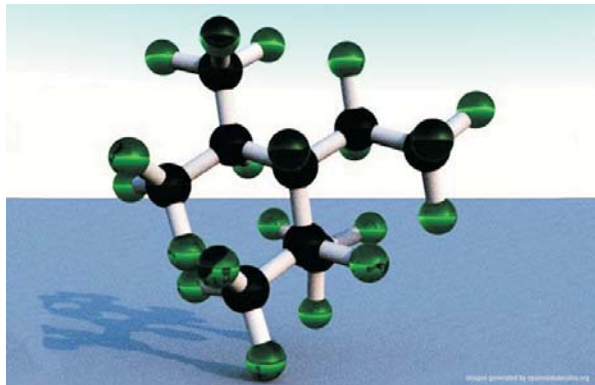




F2 Chemicals Ltd



Perfluoro-2,4-dimethyl-3-ethylpentan

Synonyms: Perfluoro-2,4-dimethyl-3-ethylpentane

CAS Number: 50285-18-2

Description & Characteristics

Perfluoro-2,4-dimethyl-3-ethylpentan, C₉F₂₀, 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-2,4-dimethyl-3-ethylpentan is used for heat transfer and cooling applications but can be used in many different applications.

Safety & Handling

Although Perfluoro-2,4-dimethyl-3-ethylpentan is considered biologically and chemically inert, good laboratory practice should be observed when handling. Perfluoro-2,4-dimethyl-3-ethylpentan 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	125.1
Pour Point °C	-55
Molecular Weight	488
Density, (sat.liq) kg/l	1.905
Specific Heat	0.021299999
Viscosity, (dynamic), mPas	1.72
Kinematic Viscosity	0.902887139107611 mm ² /s
Critical Temperature, °C	K
Vapour Pressure	2.1
Vapour Density	ca. 0.014 g/ml

* 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.