

Fiflow® AC

Chemical Composition:

Component	Legislation
Perfluorohexane	CAS No. 355-42-0 EINECS No. 206-585-0 JCIC (523159)
Perfluoroperhydrophenanthrene	CAS No. 306-91-2 EINECS No. 400-470-0 JCIC (523159)
Perfluorodecalin	CAS No. 306-94-5 EINECS No. 206-192-4 JCIC (523159)
Perfluorodimethylcyclohexane	CAS No. 335-27-3 EINECS No. 206-386-9 JCIC (523159)

INCI Name: Perfluorohexane (and) Perfluoroperhydrophenanthrene (and) Perfluorodecalin (and) Perfluorodimethylcyclohexane

Japanese Name: Perfluoropolyether

Technical Information:

Appearance	Clear colourless high density liquid
Odour	None
Molecular Weight	Approx. 459
Density (20°C)	1,76 ± 0,05 g/cm ³
Viscosity (Lamy Tve-05 – Spindle: MS-BV1 – Speed: 200 rpm)	Approx. 10 mPa.s
Boiling Range	54°C – 220 °C
Flash Point	None
Solubility	Insoluble in water and oil, slightly soluble in organic solvents
Shelf Life	Minimum 3 years

Description: Fiflow® products are fully fluorinated Perfluorocarbons with an incredible capacity to carry gases, notably Oxygen, Nitrogen and Carbon Dioxide. They are inert materials and they are not oil soluble nor water-soluble, hence they create a third phase in emulsions. Fiflows® are fairly volatile products and therefore they require to be processed below 35°C and to be packed in airless packaging.
Typical use level: 2-15%

Before using this material see the MSDS.
This technical information is offered as a guide not a guarantee.

