

Fiflow® BTX

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:

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| Appearance | Clear colourless high density liquid |
| Odour | None |
| Molecular Weight | Approx. 399 |
| Density (20°C) | 1,76 ± 0,05 g/cm ³ |
| Viscosity (Lamy Tve-05 – Spindle: MS-BV1 – Speed: 200 rpm) | Approx. 7 mPa.s |
| Boiling Range | Approx. 59°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.

