

# ECOSOLV (5700)

## Solvent for Fixodrop epilames



### Description

EcoSolv is a colorless, non-flammable, thermally stable fluorinated fluid developed in response to a global market demand for a solvent with low environmental impact. It is used for cleaning, as carrier for our epilames and for many other applications.

EcoSolv is suitable for replacing PFCs, PFPEs, HFEs, HFCs and HCFs in specialized applications. The favorable viscosity and density characteristics of this product allow superior cleaning as well as performances as carrier fluid.



### Technical features (indicative values)

<b>Solvent class</b>	Hydrofluoroolefin
<b>Density at 20 °C</b>	1,59 g/ml
<b>Boiling point</b>	110 °C
<b>Freezing point</b>	< -90 °C
<b>Viscosity at 20 °C</b>	0.83 cSt
<b>Thermal conductivity</b>	0.065 W / m-K
<b>Surface tension</b>	18 dyne / cm
<b>Vapor pressure</b>	2.9 kPa
<b>Heat of vaporization</b>	115 kJ / kg
<b>Flash point</b>	non-flammable
<b>Toxicity</b>	non-toxic
<b>Ozone depletion potential</b>	0 (ODP)
<b>Atmospheric life time</b>	< 10 days

### Application fields

- Solvent for diluting Fixodrop ES epilames
- Cleaning agent
- Coating agent (carrier fluid) for fluorinated materials.

### Safety, toxicity and environment

EcoSolv is non-flammable and does not become flammable during boiling or evaporation.

This product is thermally stable, does not oxidize and does not degrade during storage. It is thermally stable at over 175°C.

It is non-toxic, non-irritating to skin and eyes and has a low impact on aquatic life.

### Compatibility with respect to metals and other materials

EcoSolv is compatible with most metals, plastics and elastomers, including acrylic plastics and polycarbonates under stress.

Exposure to stainless steel, copper, brass and aluminum showed good stability.

### Storage

Store in a clean, dry place and protect from freezing temperatures. Do not allow the stored container to exceed 52 °C. The shelf life in the correctly stored unopened original packaging is 2 years.

