

Fluo-Oil 40

Fluorinated Oil



FLUO-OIL 40 - FLUORINATED OIL

OVERVIEW

Fluo-Oil 40 is a fluorinated oil proposed by Emulseo as an alternative to Fluorinert™ FC-40 for microfluidic applications. Fluo-Oil 40 has especially been formulated to ensure stability, biocompatibility, and reproducibility of microfluidic experiments. Fluo-Oil 40 chemical and physico-chemical properties are similar to those of Fluorinert™ FC-40 and are summarized in the table below:

	Fluo-Oil 40	Fluorinert™ FC-40
Appearance -----	Transparent	Transparent
Biocompatibility -----	✓	✓
Boiling point (°C) -----	165	165
Viscosity (mPa.s) -----	4.1	4.1
Density (g/cm3) -----	1.85	1.85

Fluo-Oil 40 is especially recommended for solubilization of surfactants from Emulseo.

BENEFITS



Biocompatibility



Reproducibility



Stability

RECOMMENDATION

Emulseo's Fluo-Oil 40 has been precisely designed to dilute Emulseo's surfactant neat or already diluted in Fluorinert™ FC-40 or Fluo-Oil 40.

STORAGE

Emulseo's fluorinated oil should be stored at room temperature protected from light in glass vials for 1 year. After solubilization of FluoSurf™ in the oil, the solution should be stored at room temperature protected from light for 1 year.

SAFETY NOTES

- Avoid inhalation, ingestion and contact with skin and eyes
- Wear chemical resistant personal protective equipment
- Wear suitable gloves
- Wear suitable protective clothing
- Safety glasses with side-shields

For additional information, see the Material Safety Data Sheet

After use, dispose of the products in an appropriate waste container in accordance with local regulations



CONTACT

If you have any queries, please do not hesitate to e-mail us at: contact@emulseo.com