

FluoSolv™

CF-130

Technical Data Sheet

Applications:

NuGenTec FluoSolv™ CF-130 is a fluorinated heat-transfer fluid used in chillers for semiconductor tooling which require high dielectric fluids as well as a wide operating temperature range. FluoSolv™ CF-130 is a direct replacement for 3M Fluorinert™ FC-3283 for applications requiring chiller fluids in the -20 to 80°C operating range.

Key Benefits:

FluoSolv™ CF-130 meets all the critical needs for a cooling media

- ◆ Operating range of -20 to 80 °C
- ◆ Low water solubility reduces arcing
- ◆ Excellent compatibility with metals, plastics & elastomers

Physical Properties:

FluoSolv® CF-130

Appearance	Clear, colorless liquid
Density (g/ml)	1.82
Kinematic Viscosity (cSt at 25°C)	0.75
Boiling point	132 °C
Thermal Conductivity (W/m/deg C)	0.066
Dielectric Constant	1.89
Liquid Specific Heat (J/kg/deg C)	1100
Coefficient of Expansion (degC)	0.0014
Vapor Pressure (KPa at 25°C)	1.44

Availability: 1 gal (bottles) net wt = 5Kg, Packed 4 bottles per case.

Shipment: Freight classification is DOT/IMO/IATA: Not regulated.

Storage: Keep away from heat sources and direct sunlight. Store between -40° to +120°F.

Disposal: Follow all local, state, and federal regulations. Contact Nugeneration Technologies at 888-99-NuGen or email: fluosolv@nugentec.com for reclamation & disposal.

1155 Park Avenue, Emeryville, CA 94608

(888) 99-NuGen x114 • (888) 996-8436 x114 • Fax (877) 996-8436

www.nugentec.com • fluosolv@nugentec.com

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