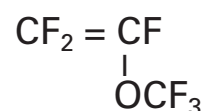


Perfluoromethylvinyl Ether (PMVE)

Technical Information

Description and Uses

PMVE is used in the manufacture of fluoropolymers and other specialty agrochemical and pharmaceutical applications.



Product Data*

Chemical Name	Ethene, Trifluoro (Trifluoromethoxy)
CAS Number	1187-93-5
EC Number	214-703-7
Molecular Weight	166.02 g/mol
Boiling Point at 1 atm	-23 °C (-9 °F)
Critical Temperature	95 °C (203 °F)
Autoignition Temperature	191 °C (375.8 °F)
Shipping UN Number	UN3153
Vapor Pressure, 20 °C (68 °F)	484 kPa (70.3 psia)
Liquid Density, 20 °C (68 °F)	1430 kg/m ³ (89.3 lb/ft ³)
Flammability Limits	7.5–50 vol%
Organic Purity—PMVE	99 wt% min.
Hydro—PMVE	0.4 wt% max.
HFP, C ₃ 's	0.45 wt% max.

*This table gives typical properties. Chemours does not make any express or implied warranty that this product will continue to have these typical properties.

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