

DuPont Fluoromonomers

Hexafluoropropylene – Prime Grade

Product Data

Property	Unit	Minimum	Maximum
Organic Purity – HFP	mole %	99.98	—

Physical Properties

Property	Unit	Typical Value
Chemical Name	—	1-Propene, 1,1,2,3,3,3-Hexafluoro
CAS No.	—	116-15-4
EINECS No.	—	204-127-4
Chemical Formula	—	CF ₃ -CF=CF ₂
Molecular Weight	—	150
Boiling Point at 1 atm	°C (°F)	-29.4 (-20.9)
Critical Temperature	°C (°F)	85.8 (186.4)
Liquid Density at 20°C (70°F)	kg/m ³ (lb/ft ³)	1332 (83.2)
Vapor Pressure at 25°C (77°F)	kPa (psia)	731.6 (106.1)
Flammability Limits	vol%	Nonflammable in air
TSCA-Reported/Included	—	Yes
Toxicity, AEL 8 hr	vol, ppm	0.5
Shipping UN No.		UN 1858

* AEL is the DuPont Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

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