

Hexachlorodisilane (HCDS)



CAS number	13465-77-5
UN number	UN 2987
Molecular mass	268.89
Appearance	colorless liquid
Density	1.56 g/cm ³
Boiling point	144-145 °C (1013 hPa)

Hexachlorodisilane, synthesis grade, 5N

Product number	1100
Purity	99.999% (by ICP-MS)
Assay	>99.0% (by GC)
Application	deoxygenating agent in chemical synthesis, silane chemistry

Hexachlorodisilane, semiconductor grade, 6N

Product number	1105
Purity	99.9999% (by ICP-MS)
Assay	>99.5% (by GC)
Application	ALD / CVD of silicon containing layers, low T SiN, SiO ₂

Hexachlorodisilane, electronic grade, 7N

Product number	1110
Purity	99.99999% (by ICP-MS)
Assay	>99.8% (by GC)
Application	insulating layers in electronic devices, low T SiN, SiO ₂

Hexachlorodisilane, ultra high purity, 8N

Product number	1120
Purity	99.999999% (by ICP-MS)
Assay	>99.8% (by GC)
Application	high end microelectronic applications