

HCDSi

HEXACHLORODISILANE

Physical Properties

Vapor pressure equat.:	$\log(p(\text{bar})) = 5.64234 - 2258.6 / (T(\text{K}) - 11.798)$
Density:	1.562 g/cm ³
Molweight:	268.89 g/mol
Melting point:	2.5 °C / 36 °F
Boiling point:	145 °C / 293 °F
Sublimation point:	

Chemical Properties

Stability:	Stable under recommended storage conditions
State of matter:	Liquid

Safety & Transport

Toxicity:	Corrosive
Thermal decomposition:	
ADR/RID-class:	8
UN-no:	2987, PG II
IMDG-class:	8
UN-no:	2987, PG II
ICAO/IATA-class:	8
UN-no:	2987, PG II – AIRFREIGHT ALLOWED

For further details please refer to Safety Data Sheet (SDS)

Packaging & Standard Filling Volumes

HCDSi.100.DOCK/10.150	100g / 150ccm cyl.
HCDSi.500.DOCK/10.400	500g / 400ccm cyl.
HCDSi.800.DOCK/10.600	800g / 600ccm cyl.
HCDSi.1300.DOCK/10.1000	1300g / 1000ccm cyl.
HCDSi.4000.DOCK/10.3000	4000g / 3000ccm cyl.

Product Description

Name:	HEXACHLORODISILANE
CAS-Number:	13465-77-5
Element:	Si
Molecular Formula:	Si ₂ Cl ₆

Quality Standards

PG Pure Grade
EG Electronic Grade

Application

Silicon precursor for CVD applications

Vapor Pressure

Vapor Pressure
[mbar]

