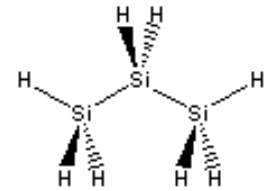


"Silcore" is a registered Trademark of ASM International, N.V.

Grade	Semicon 4N
Purity, %	99.99*
Argon + Oxygen + Nitrogen	≤3 ppmv
Carbon Dioxide	≤2 ppmv
Methane	≤2 ppmv
Silane	≤1,000 ppmv
Siloxanes	≤5 ppmv



*Excluding other Silanes
Disilane and Higher Silanes reported in Certificate of Analysis.

CYLINDER	Internal Volume	Liters	5.9	Please specify Ar, H ₂ or He as "pad" gas
	Cylinder Sizes >>		UH	
	Content	kg	3	
		lbs	6.6	

SHIP	DOT Shipping Name	Pyrophoric liquid, inorganic, n.o.s. (Trisilane)	UN Number	UN 3194	Shipped as
	DOT Classification	4.2 (Spontaneously Combustible)	ECCN #	EAR99	Liquefied Gas
	DOT Label	SPONTANEOUSLY COMBUSTIBLE			

TSCA WARNING: This material is supplied under a "Low Volume Exemption" of the Toxic Substances Control Act. As such, its use is restricted to the formation of silicon and silicon compounds and use as a synthesis reagent.

TECHNICAL DATA	Cylinder Pressure @NTP	5 psig (H ₂ or He) 1.4 atm
	Specific Volume @NTP	1.38 cc/g 0.022 ft ³ /lb
	CAS No	7783-26-8
	CGA/DISS/JIS	350/632/W22-14L
	Molecular Weight	92.33 g/mol

Boiling Point @STP	52.9°C	127.2°F
Synonyms	Trisilane	

NTP = 21°C or 70°F and 101.3 kPa or 1 atm

Cylinder	Treatment	Nominal Diameter (OD)xHeight*		Material of Construction	
		cm	Inches	Cylinder	Valve
UH	ULTRA-LINE®	18x41/45/54	7x16/17.5/21	Aluminum	SS

*Height is reported as the distance from the bottom of the cylinder to the cylinder neck/ center of the valve outlet/ top of the handwheel
SS: Stainless Steel