

DISILANE

TRANSPORT INFORMATION:
UN No. 1954



Compressed Gases,
Flammable, N.O.S.



Compressed gas
flammable, n.o.s
(disilane)



Compressed Gases,
Flammable, N.O.S.

FORMULA: Si_2H_6

MSDS REFERENCE: 4825

CAS No.: 1590 - 87 - 0

GENERAL DESCRIPTION:

Colorless, poison, pyrophoric, flammable gas
with a repulsive, suffocating odor.

Shipping Name:

Hazard Class:

2.1

2.1

2.1

Label:

Flammable
Gas

Flammable
Gas

Flammable
Gas

Product and Package Information

PART NO.	PRODUCT GRADE	QUALITY ASSAY/SPECIFICATION	CYLINDER STYLE	CONTENT ft ³ / m ³	REGULATOR RECOMMENDATIONS
					SEE REFERENCE GUIDE (SECTION F, PAGE 2)
DS 4.8SP	4.8 SEMICONDUCTOR PROCESS GAS	99.998 %* H ₂ O < 1 ppm THC < 1 ppm Ar+O ₂ < 1 ppm CO ₂ < 1 ppm SiH ₄ < 1000 ppm SiH _x Cl _y < 0.2 ppm N ₂ < 2 ppm Higher Silanes < 50 ppm Siloxanes < 5 ppm Resistivity ≥ 1000 Ohm · cm	G	1000 g	700 SERIES : Semiconductor 400 SERIES : Corrosive

*Excluding silane and higher silanes

Contact your local Praxair representative for additional packages and content.

For ordering purposes, please add the desired cylinder style to the end of the above part number.

SEE SECTIONS G AND H FOR SAFETY AND TECHNICAL INFORMATION.

Cylinder Information

CYLINDER STYLE / CGA	PRESSURE psig / kPa, gauge	GROSS WEIGHT lb / kg
G / 350 / 632	33 / 228	33 / 15

For additional information on our semiconductor process gases, see Section E - Semiconductor.