

Trichlorosilane

A colorless, volatile liquid

TECHNICAL INFORMATION

Chemical Symbol	HSiCl ₃
Molecular Weight	135.45
Specific Volume	2.85 ft ₃ /lb (0.18 m ₃ /kg)
CAS Registry Number	10025-78-2

SHIPPING INFORMATION

DOT Proper Name	Trichlorosilane
Hazard Class	4.3 (3) (8)
ID Number	UN 1295
Labels	Flammable Liquid, Dangerous When Wet, Corrosive

CYLINDER SIZES AVAILABLE

Std. Cylinder Sizes*	Contents	Cylinder Pressure (PSIG)	CGA Valve Connection

*Nonstandard cylinder sizes available upon request

Specifications Subject to Change Call to Confirm

Grade	Purity	Impurity	Specifications	Equipment Recommended
3.5 (Semiconductor)	99.95%	Boron Carbon Donor (As+P) Iron Other Chlorosilanes Resistivity	<0.1ppb/a <5ppb/a <0.8ppb/a <50ppb/a <500ppm/w ≥3000hm-cm	Call for Recommendation
3.0 (Semiconductor)	99.9%	Boron Carbon Donor (As+P) Other Chlorosilanes Resistivity	<0.1ppb/a <50ppm/a <1ppb/a <1,000pp/w >3000hm-cm	Call for Recommendation

This information in no way replaces the Safety Data Sheets (SDS) for use and safety standards.
Please refer to the SDS for details.

Middlesex Gases & Technologies, Inc.
292 Second Street
PO Box 490249
Everett, MA 02149

(800) 649-6704 or (617) 387-5050
www.MiddlesexGases.com
Info@MiddlesexGases.com