



# Deuterium

A colorless, odorless, flammable, stable isotope of hydrogen

## TECHNICAL INFORMATION

Chemical Symbol	D <sub>2</sub>
Molecular Weight	4.03
Specific Volume	95.9 ft <sup>3</sup> /lb (5.95 m <sup>3</sup> /kg)
CAS Registry Number	7782-39-0

## SHIPPING INFORMATION

DOT Proper Name	Deuterium
Hazard Class	2.1
ID Number	UN 1957
Labels	Flammable Gas

## CYLINDER SIZES AVAILABLE

Std. Cylinder Sizes*	Contents	Cylinder Pressure (PSIG)	CGA Valve Connection
200	5000L	1786	350
80	1800L	1918	350

\*Nonstandard cylinder sizes available upon request

## Specifications Subject to Change Call to Confirm

Grade	Purity	Impurity	Specifications	Equipment Recommended
2.7	99.7%	Total Impurities	<0.3%	Series 3200 regulator (3201)

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

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