



PROPANE (C₃H₈) CGA-510

A colorless, odorless, flammable liquefied gas.

Toxicity: Simple asphyxiant; contact with liquid can cause frostbite.
TWA: 1,000 pp m (OSHA)
Fire Potential: Flammable
Flammable Limits: 2.1-9.5%
Compatible Materials: Non-corrosive; most common

structural materials can be used.
Molecular Weight: 44.10
Specific Volume at 70⁰F and 1 atm: 8.62 ft³/lb
DOT Hazard Class: Flammable Gas
DOT ID No.: UN 1978
CAS No.: 74-98-6

PROPANE, Instrument Grade 2.5 Minimum Purity 99.5%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Typical Impurities (Molar ppm)
020	04164020S	20 Pounds	110 P.S.I.	Ethane < 0.05 Butane < 0.4
100	04164100S	100 Pounds	110 P.S.I.	Propylene < 0.05

PROPANE, CP Grade 2.0 Minimum Purity 99%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Typical Impurities (%)
020	04160020S	20 Pounds	110 P.S.I.	Ethane < .06 Butane < 0.8
100	04160100S	100 Pounds	110 P.S.I.	Propylene < 0.5

PROPANE, Standard Grade 1.6 Minimum Purity 96%

Order Size	Product Code	Approximate Capacity	Approximate Pressure
005	03030005S	5 Pounds	110 P.S.I.
007	03030007S	7 Pounds	110 P.S.I.
010	03030010S	10 Pounds	110 P.S.I.
020	03030020S	20 Pounds	110 P.S.I.
030	03030030S	30 Pounds	110 P.S.I.
040	03030040S	40 Pounds	110 P.S.I.
060	03030060S	60 Pounds	110 P.S.I.
100	03030100S	100 Pounds	110 P.S.I.

PROPANE, LIFT (MOTOR FUEL) GRADE 1.6 Minimum Purity 96%

Order Size	Product Code	Approximate Capacity	Approximate Pressure
014	03040014L	14 Pounds	110 P.S.I.
020	03040020L	20 Pounds	110 P.S.I.
033	03040043L	33 Pounds	110 P.S.I.
043	03040033L	43 Pounds	110 P.S.I.

PROPANE REGULATORS

Product Code	Brand	Style	Delivery Pressure P.S.I.	Description
05390017C	Western	SG-SH-	0-15, 0-45	Single Stage-Brass
05300210C	Rego	-----	Preset	Gas Grill Regulator



SULFUR DIOXIDE (SO₂) CGA-660

A colorless, nonflammable liquefied gas with a detectable odor.

Toxicity: Toxic. Extremely irritating and destructive to tissues; contact with the skin causes severe burns.

TWA: 2 ppm (ACGIH)

CAS No.: 7446-09-5

Compatible Materials: Anhydrous sulfur dioxide is non-corrosive to most structural material except zinc. Lead, carbon, graphite, or stainless steel are recommended for

handling moist sulfur dioxide.

Molecular Weight: 64.06

Specific Volume at 70°F and 1 atm: 5.95 ft³/lb

DOT Hazard Class: Poison Gas (2.3)

DOT Label: Poison Gas

DOT ID No.: UN 1079

SULFUR DIOXIDE, Anhydrous Grade 3.0

Minimum Purity 99.9%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Typical Impurities (Molar ppm)
300	02198300S	150 Pounds	34 P.S.I.	H ₂ O < 50

REGULATOR-STAINLESS STEEL

Product Code	Brand	Style	Delivery Pressure P.S.I.	Description
05390180C	Western	HSS1	0-25	Single Stage



SULFUR HEXAFLUORIDE (SF₆) CGA-590

A color, odorless, odorless, nonflammable liquefied gas. Stable and non-reactive.

Toxicity: Simple Asphyxiant.

TWA: 1,000 ppm (OSHA)

Compatible Materials: Non-corrosive; most common structural materials can be used.

Molecular Weight: 146.05

Specific Volume at 70°F and 1 atm: 2.62 ft³/lb

DOT Hazard Class: Nonflammable Gas (2.2)

DOT Label: Nonflammable Gas

DOT ID No.: UN 1080

CAS No.: 2551-62-4

SULFUR HEXAFLUORIDE, Instrument Grade 4.0 (Liquid Phase) Minimum Purity 99.99%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Typical Impurities (Molar ppm)
035	02199035S	30 Pounds	320 P.S.I.	Air < 50
115	02199115S	115 Pounds	2000 P.S.I.	Water Vapor < 10

SULFUR HEXAFLUORIDE, Commercial Grade (Liquid Phase) Minimum Purity 99.9%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Typical Impurities (Molar ppm)
035	02200035S	30 Pounds	320 P.S.I.	Air < 100
115	02200115S	115 Pounds	2000 P.S.I.	Water Vapor < 20

REGULATORS-BRASS SINGLE STAGE

Product Code	Brand	Style	Delivery-Pressure P.S.I.	Description
05390017C	Western	SG & SH	0-15, 0-45	General Purpose
05390017C	Western	SHSS	0-80, 0-150, 0-180	High Purity Application

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