



HYDROGEN SULFIDE (H₂S) CGA-330

A Toxic, Colorless, flammable liquefied gas with a characteristic “Rotten egg” odor.

Toxicity: Toxic. Causes paralysis of the respiratory center. Irritating and corrosive to tissues. May cause olfactory fatigue; do not rely on odor to detect presence.

TWA: 10 ppm (ACGIH)

Fire Potential: Flammable

Flammable Limits: 4.0-44.0%

Compatible Materials: Dry hydrogen sulfide is relatively non-corrosive. When moisture is present

aluminum and stainless steel are recommended.

Molecular Weight: 34.08

Specific Volume at 70°F and 1 atm: 11.26 ft³/lb

DOT Hazard Class: Poison Gas (2.3)

DOT Label: Poison Gas and Flammable Gas

DOT ID No.: UN 1053

CAS No.: 7783-06-4

*Batch Analysis or individual Certificate of Analysis Available at additional nominal charge.

HYDROGEN SULFIDE, C. P. Grade 2.5 (Liquid Phase) Minimum Purity 99.5%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Typical Impurities (Molar ppm)
060	04142060S	9 Pounds	252 P.S.I.	O ₂ < 100
244	04142244S	60 Pounds	252 P.S.I.	H ₂ O < 1000

HYDROGEN SULFIDE, Technical Grade 2.0 Minimum Purity 99%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Typical Impurities (%)
060	04141060S	9 Pounds	252 P.S.I.	O ₂ < 200
244	04141244S	60 Pounds	252 P.S.I.	(Liquid phase)

REGULATOR, STAINLESS STEEL

Product Code	Brand	Style	Delivery Pressure P.S.I.	Description
05382011C	Western	HSS1	0-25	SS-SINGLE STAGE



ISOBUTANE (iso-C₄H₁₀) CGA-510

A colorless, odorless, flammable liquefied gas.

Toxicity: Simple asphyxiant; contact with liquid can cause frostbite.

TWA: 1,000 ppm (ACGIH)

Fire Potential: Flammable

Flammable Limits: 1.8-8.4%

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

Molecular Weight: 58.12

Specific Volume at 70°F and 1 atm[21.1°C and

101.3 kPa (abs)]: 6.47 ft³/lb (0.41 m³/kg)

DOT Hazard Class: Flammable (2.1)

DOT Label: Flammable Gas

DOT ID No.: UN 1969

CAS No.: 75-28-5

***Batch Analysis or individual Certificate of Analysis Available at additional nominal charge.**

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ISOBUTANE, C. P. Grade 2.0

Minimum Purity 99%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Typical Impurities (%)
012	04143012S	3 Pounds	31 P.S.I.	n-Butane < 0.4
060	04143060S	15 Pounds	31 P.S.I.	THC < 0 .01
135	04143135S	116 Pounds	31 P.S.I.	

REGULATOR, SINGLE STAGE BRASS

Product Code	Brand	Style	Delivery Pressure P.S.I.	Description
05390017C	Western	SG & SH	0-15, 0-45	General Purpose Gas
05390017C	Western	SHSS	0-80, 0-100, 0-150	High Purity



MAPP GAS® CGA-510

MAPP® Gas, Grade 1.6

Minimum Purity 96.0%

Order Size	Product Code	Approximate Capacity	Approximate Pressure
020	03025020S	20 Pounds	110 P.S.I.
025	03025025S	25 Pounds	110 P.S.I.
060	03025060S	60 Pounds	110 P.S.I.
100	03025100S	100 Pounds	110 P.S.I.

MAPP GAS® REGULATOR

Product Code	Brand	Style	Delivery Pressure P.S.I.	Description
05390010C	Oxweld	R-76-75-510	0- 50	Single Stage Medium