

## Hydrogen Sulfide

A colorless, flammable, toxic gas with the odor of rotten eggs.

| Technical Information: |  |
|------------------------|--|
| Chemical Symbol:       | H <sub>2</sub> S                                   |
| Molecular Weight:      | 34.08  |
| Specific Volume        | 11.2 ft <sup>3</sup> /lb (0.69 m <sup>3</sup> /kg) |
| CAS Registry Number:   | 7783-06-4  |

| Shipping Information: |                             |
|-----------------------|-----------------------------|
| DOT Proper Name:      | Hydrogen Sulfide, Liquefied |
| Hazard Class:         | 2.3                         |
| I.D. Number:          | UN 1053                     |
| Labels:               | Poison Gas, Flammable Gas   |

| Grade  | Part No.  | Purity  | Impurity         | Specification | Equipment Recommended   |
|--|-----------|---------|------------------|---------------|---|
| <b>PurityPlus 2.5</b><br>(Liquid Phase)<br>(Chemically Pure) | H2X-25-XX | > 99.5% | Total Impurities | < 0.5%        | 400 series stainless steel regulator<br><a href="#">see page 4.14</a><br>408 series aluminum regulator<br><a href="#">see page 4.18</a> |

XX - Complete the part number with the desired cylinder size listed below. (ie. H2X-25-400)

| Standard Cylinder Sizes * | Contents lbs. | Cylinder Pressure | CGA Valve Connection |
|---------------------------|---------------|-------------------|----------------------|
| 400                       | 170           | 252               | 330                  |
| 200                       | 60            | 252               | 330                  |
| 80                        | 20            | 252               | 330                  |

\*Nonstandard cylinder sizes available upon request