

# Ethane

| Balance Gas | (M)SDS Range | (M)SDS    | Regulator Recommendations    | Page  |
|-------------|--------------|-----------|------------------------------|-------|
| Air         | 1 ppm - 1.5% | P-18-0093 | Single Stage PRS40023331-CGA | E•245 |
| Helium      | 1 ppm - 8.4% | P-18-0112 | Two Stage PRS40123331-CGA    | E•244 |
|             | 8.41 - 49.9% | P-18-0130 | Line PRS40052001-000         | E•246 |
| Nitrogen    | 1 ppm - 12%  | P-18-0099 |                              |       |
|             | 12.1 - 50%   | P-18-0459 |                              |       |

| Balance Gas | Concentration Range                            | CGA | Praxair Grades* |   |   |   |   |   | Cylinder Style | Pressure psig | Contents        |                |
|-------------|--|-----|-----------------|---|---|---|---|---|----------------|---------------|-----------------|----------------|
|             |  |     | E               | N | M | P | C | U |                |               | ft <sup>3</sup> | m <sup>3</sup> |
| Air         | 1 ppm - 1.5% <sup>(1)</sup><br><br>L.E.L. 3.0% | 590 |                 |   |   | • | • | • | AS             | 2000          | 146             | 4.13           |
|             |  |     |                 |   |   | • | • | • | K              | 2000          | 215             | 6.09           |
|             |  |     |                 |   |   | • | • | • | Q              | 2000          | 72              | 2.04           |
| Helium      | 1 ppm - 50% <sup>(1)</sup>                     | 350 |                 |   |   | • | • | • | AS             | 2000          | 134             | 3.79           |
|             |  |     |                 |   |   | • | • | • | K              | 2000          | 198             | 5.61           |
|             |  |     |                 |   |   | • | • | • | Q              | 2000          | 66              | 1.87           |
| Nitrogen    | 1 ppm - 50% <sup>(1)</sup>                     | 350 |                 |   |   | • | • | • | AS             | 2000          | 149             | 4.22           |
|             |  |     |                 |   |   | • | • | • | K              | 2000          | 221             | 6.26           |
|             |  |     |                 |   |   | • | • | • | Q              | 2000          | 74              | 2.10           |

<sup>(1)</sup> Cylinder pressure and contents will vary proportionately at higher concentrations.

\* **Key for Praxair Mixture Grades** (Refer to page C•92 for complete specification details.)

EPA (E), Primary Master (PM), Certified Master (CM), Primary Standard (P),

Certified Standard (C), Non-Certified Standard (U)