

# Methyl Mercaptan

A colorless, flammable, potentially harmful, liquefied gas

## TECHNICAL INFORMATION

|                            |  |
|----------------------------|--|
| <b>Chemical Symbol</b>     | CH <sub>3</sub> SH                                 |
| <b>Molecular Weight</b>    | 48.1   |
| <b>Specific Volume</b>     | 8.0 ft <sup>3</sup> /lb (0.499 m <sup>3</sup> /kg) |
| <b>CAS Registry Number</b> | 74-93-1  |

## SHIPPING INFORMATION

|                        |                  |
|------------------------|------------------|
| <b>DOT Proper Name</b> | Methyl Mercaptan |
| <b>Hazard Class</b>    | 2.3              |
| <b>ID Number</b>       | UN 1064          |
| <b>Labels</b>          | Flammable Gas    |

## CYLINDER SIZES AVAILABLE

| Std. Cylinder Sizes* | Contents | Cylinder Pressure (PSIG) | CGA Valve Connection |
|----------------------|----------|--------------------------|----------------------|
| 0                    | 0.5      | 15                       | 110                  |
|                      |          |                          |                      |
|                      |          |                          |                      |
|                      |          |                          |                      |

\*Nonstandard cylinder sizes available upon request

## Specifications Subject to Change Call to Confirm

| Grade                 | Purity | Impurity         | Specifications | Equipment Recommended  |
|-----------------------|--------|------------------|----------------|--|
| 2.5 (Chemically Pure) | >99.5% | Total Impurities | < 0.5%         | Series 3400 regulator (3403) or Series 8500 Manual Control Valves (8520) |
|                       |        |                  |                |  |
|                       |        |                  |                |  |
|                       |        |                  |                |  |

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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