## Methyl Mercaptan CH<sub>3</sub>SH

**Equipment Recommendation** 

**Ordering Information on Reference Page** To maintain gas quality and safety at the point of use

Lecture bottle regulator, see page 161.

Manual control valve, see page 212.

see toxic gas system page 139.

General characteristics: A colorless flammable and

**Pressure** 

@70°F PSIG

15

99.5%

Liquid phase

Product /
Code
Methyl Mercaptan

C.P.

471500

et /	Purity

Cylinder	SAP	Volume

3720

Size

LBS

General characteristics:	A colorless, flammable, and	DOT class:	2.3 (Poison Gas)
	liquefied gas with an extremely	DOT label:	Poison Gas, Flammable Gas
	strong and repulsive odor.	Specific volume:	$8.0 \text{ ft}^3/\text{lb. at } 70^{\circ}\text{F}$
Health hazards:	Highly toxic; affects the central	Specific gravity	
	nervous system.	(Air = 1):	1.66 at 68°F
TLV-TWA:	0.5 ppm	Material	
	(ACGIH 1996)	recommendation:	Stainless steel
Flammable limits:	4-22%	CAS No.	74-93-1

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El	(ACGIH 1996)	recommendation:	
Flammable limits:	4-22%	CAS No.	74-93-1
Molecular weight:	48.1	UN No.	1064
CGA valve outlet:	110		

Lbs.

0.50

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	5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	Specific volume.	0.0 11 /10. 41 / 0 1
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