

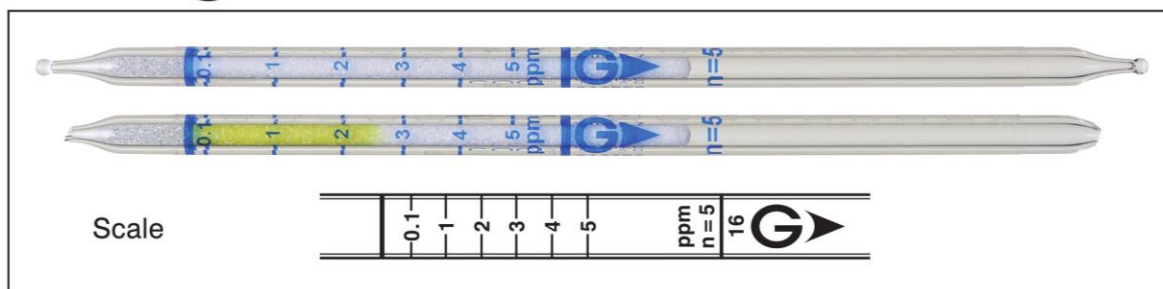


## Phosgene COCl<sub>2</sub>

Part No.:16

# Phosgene COCl<sub>2</sub>

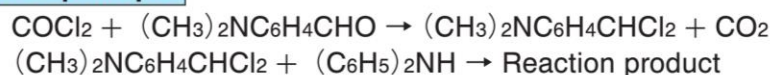
No.16



### Performance

Measuring range	0.05 to 0.1 ppm	0.1 to 5 ppm	5 to 20 ppm
Number of pump strokes	10 (1000 mL)	5 (500 mL)	1 (100 mL)
Correction factor	1/2	1	4
Sampling time	10 min	5 min	1 min
Detecting limit :	0.01 ppm (10 pump strokes)		
Colour change :	White → Yellow		
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 20 to 80 % correction not used		
Relative standard deviation :	10 % (for 0.1 to 1 ppm), 5 % (for 1 to 5 ppm)		
Tube quantity and number of tests per box :	10 tubes for 10 tests		
Shelf life :	18 months (in the refrigerator)		

### Reaction principle



### Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Chlorine	$\geq 1/2$	+	} Yellow
Hydrogen chloride	$\geq 1/10$	+	
Nitrogen dioxide	$\geq 1/5$	+	

### Calibration gas generation

Permeation tube method