

Hydrogen Chloride HCl

Hydrogen chloride mixtures are needed in many applications to calibrate CEMs that are used to measure HCl emissions. These mixtures are also used in conjunction with the following US EPA methods:

- Methods 26 and 26A: Determining HCl emissions from combustion stacks, primarily waste incinerators.
- Method 321: Determining HCl emissions at portland cement kilns through the use of Fourier Transform Infrared (FTIR) Spectroscopy.

Hydrogen chloride mixtures are also used for industrial hygiene and semiconductor applications. ACULIFE™ cylinder treatment assures mixture stability and accuracy.

Cylinder Pressure

KN	2300 psig (159 bar)
AN	2000 psig (138 bar)
Cylinder Valve Outlet CGA No.	330
DOT/TC Label	Nonflammable
Other Available Sizes	Please Inquire

Recommended Equipment

Single-Stage Regulator with Cross Purge	
Assembly	Model 217CP, Page 273
Single-Station Manifold	Model 8100, Page 309

in Nitrogen				Single-Certified Standards	
				Certified	
Concentration	Size	Contents		Working Class	
		CF	m ³		
ACULIFE 5 – 24.9 ppm	KN	273	8	•	•
	AN	209	6		
ACULIFE 25 – 5000 ppm	KN	273	8	•	•
	AN	209	6		
ACULIFE 0.5% – 5%	KN	273	8	•	•
	AN	209	6		

This product is available as a SCOTT™ CEM DAILY STANDARD™ for EPA daily calibration requirements. Contact your Air Liquide representative or see page 161.