



# AMMONIA



*Colorless, toxic, corrosive, liquefied, alkaline gas with a pungent and irritating odor.*

### SHIPPING INFORMATION

D.O.T. Proper Shipping Name: Ammonia, Anhydrous  
 I.D. Number: UN1005  
 Hazard Class: 2.2  
 Shipping Labels: Nonflammable Gas,  
 Inhalation Hazard

### TECHNICAL INFORMATION

Molecular Weight: 17.031  
 Specific Volume: 22.6 ft<sup>3</sup>/lb.  
 CAS Registry: 7664-41-7  
 Safety Data Sheet Reference: Ammonia

### PRODUCT GRADE SPECIFICATIONS

Grade Name	Grade	Minimum Purity	Grade Code	Catalog Number <sup>1</sup>	Maximum Impurity Specifications in PPM by Volume (unless otherwise specified) <sup>2</sup>					
					O <sub>2</sub>	H <sub>2</sub> O	THC (as CH <sub>4</sub> )	N <sub>2</sub>	CO	CO <sub>2</sub>
Research	5.0	99.999%	RES	SG AMRES-	1	1	3	3	1	1
CP	2.8	99.8%	CP	SG AMCP-	Sum of Total Impurities <1200ppm					

**Notes:**

- <sup>1</sup> Complete the catalog number by selecting cylinder size code using chart below. Except for Disposables, "SG" will be replaced with "DSP".  
<sup>2</sup> Specifications are typical results and are subject to change without notice. Product sold on the basis of total impurities. Individual impurities may vary slightly.

### CYLINDER INFORMATION

Cylinder Size	Cylinder Size Code	Volume lbs. <sup>3</sup>	Pressure (PSIG) @ 70° F.	Valve Connection CGA	Gross Weight (lbs.)
<b>Low Pressure Steel Cylinders</b>					
150#	LP150	150	114	240	185
<b>High Pressure Carbon Steel Cylinders</b>					
200	K	50	114	240, 705	185
80	Q	15	114	240, 705	80
35	G	8	114	240, 705	38
<b>High Pressure Aluminum Cylinders</b>					
150A	DA	30	114	705	79

**Notes:** <sup>3</sup> This product is sold by the cylinder. Fill volumes are approximate and may vary slightly depending on the cylinder manufacturer's specifications.

*Contact your WestAir representative about equipment recommendations for this product.*