



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 ft³/lb.
CAS Registry: 7664-41-7
Safety Data Sheet Reference: Ammonia

PRODUCT GRADE SPECIFICATIONS

Grade Name	Grade	Minimum Purity	Grade Code	Catalog Number ¹	Maximum Impurity Specifications in PPM by Volume (unless otherwise specified) ²					
					O ₂	H ₂ O	THC (as CH ₄)	N ₂	CO	CO ₂
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:

¹ Complete the catalog number by selecting cylinder size code using chart below. Except for Disposables, "SG" will be replaced with "DSP".

² 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. ³	Pressure (PSIG) @ 70° F.	Valve Connection CGA	Gross Weight (lbs.)
Low Pressure Steel Cylinders					
150#	LP150	150	114	240	185
High Pressure Carbon Steel Cylinders					
200	K	50	114	240, 705	185
80	Q	15	114	240, 705	80
35	G	8	114	240, 705	38
High Pressure Aluminum Cylinders					
150A	DA	30	114	705	79

Notes: ³ 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.