

Ammonia (NH₃)

A colorless, toxic, alkaline, flammable, liquefied gas with a pungent odor, irritating to eyes, skin and mucous membranes in high concentrations.

Purity Specifications	Minimum Purity	O ₂	H ₂ O	THC	CO ₂	AR
Electronic	99.9995%	< 1	< 3	< 1	< 1	< 1
Anhydrous	99.99%					

Concentrations given are ppm by volume unless otherwise specified.

PRODUCT	Ordering Information					Equipment Recommendations		
	Cylinder Size	Contents lbs	Standard Valve Outlet (CGA)	Product Number	Cylinder Pressure at 70°F (psig)	Description Product Number	Delivery Pressure Range (psig)	Page Number
Electronic	200	52	660	AM EL200	114	Single-Stage Regulator Y11-E464C660 Cross Purge Y99-CPA4660 Tee Purge Y99-TP4C660	0-100	E30
	150A	35	660	AM EL15A	114			
	80	21	660	AM EL80	114			
	Certificate of Conformance provided upon request.							
Anhydrous	400	150	240/705	AM AH400	114	Single-Stage Regulator Y11-C520C705 Cross Purge Y99-CPA4705 Tee Purge Y99-TP4C705	0-50	E42
	200	52	240/705	AM AH200	114			
	80	21	240/705	AM AH80	114			
	Certificate of Conformance provided upon request.							

Technical Data & Shipping Information		Ask your Airgas® representative about our unmatched bulk ammonia supply capabilities.
Molecular Weight	17.031	
Specific Volume	22.7 cf/lb @70° F	
Flammability Limits in Air	16 - 25% in Air	
U.S. DOT Name	Ammonia, Anhydrous	
ID Number	UN 1005	
U.S. DOT Hazard Class	2.2	
U.S. DOT Label	Inhalation Hazard	
CAS Registry	7664-41-7	