

Transportation Information
UN Number: 1005


Shipping Name	United States of America	Canada	Mexico
	Ammonia, Anhydrous	Ammonia, Anhydrous, Liquified	Ammonia, Anhydrous
Hazard Class	2.2	2.4 (9.2)	2.2
Label	Nonflammable Gas	Corrosive Gas	Nonflammable Gas

Formula
 NH^3
MSDS Reference

P-4562

CAS Number

7664 - 41 - 7

General Description

Colorless, toxic, corrosive, liquified gas with a sharp, intensely irritating odor.

Product and Package Information

Part Number	Product Grade	Quality Assay/ Specification	Cylinder Style	Content	Regulator Recommendations See Section F, Page 2
AM 5.0RS	5.0 Research	99.999 % O ₂ < 0.5 ppm H ₂ O < 1 ppm CO ₂ < 0.4 ppm CO < 0.1 ppm THC < 0.1 ppm N ₂ < 1.5 ppm	K	50 lb/22.7 kg	400 Series: Corrosive 408 Series: Special Purpose
AM 4.5	4.5	99.995% (liquid phase)	FA K	150 lb/68.0 kg 50 lb/22.7 kg	400 Series: Corrosive 408 Series: Special Purpose

When ordering, please add the desired cylinder style to the end of the above part number.

Add CGA if more than one is listed. (AM 4.5-**FA705**)

Add "D" for DISS connection (AM 6.5SP-**UKD**)

Cylinder Information

Cylinder Style	Connection CGA/DISS	Pressure psig/bar	Gross Weight lb/kg
FA	240, 705, 660	114/7.86	300/136
K/UK	240, 705, 660/ 720	114/7.86	183/83
AS	705, 660/ 720	114/7.86	80/36



Product and Package Information

Part Number	Product Grade	Quality Assay/ Specification	Cylinder Style	Content	Regulator Recommendations See Section F, Page 2
AM 5.0SP	5.0 Semiconductor Process Gas	99.999 % O ₂ < 2 ppm H ₂ O < 3 ppm CO < 1 ppm	K/UK AS	50 lb/22.7 kg 30 lb/13.6 kg	700 Series: Semiconductor 400 Series: Corrosive 408 Series: Special Purpose
AM 5.5SP	5.5 Semiconductor Process Gas	99.9995 % O ₂ < 0.5 ppm H ₂ O < 3 ppm CO < 0.1 ppm CH ₄ < 0.5 ppm N ₂ < 1 ppm	K/UK AS	50 lb/22.7 kg 30 lb/13.6 kg	700 Series: Semiconductor 400 Series: Corrosive 408 Series: Special Purpose
AM 6.5SP	6.5 Semiconductor Process Gas	99.99995 % Ar + O ₂ < 50 ppb CO ₂ < 100 ppb CO < 50 ppb H ₂ < 100 ppb CH ₄ < 50 ppb H ₂ O < 200 ppb Antimony < 10 ppb/w Calcium < 10 ppb/w Cadmium < 10 ppb/w Chromium < 10 ppb/w Copper < 10 ppb/w Gallium < 1 ppb/w Germanium < 2 ppb/w Gold < 10 ppb/w Iron < 10 ppb/w Lead < 10 ppb/w Lithium < 10 ppb/w Magnesium < 10 ppb/w Manganese < 10 ppb/w Molybdenum < 10 ppb/w Nickel < 10 ppb/w Potassium < 10 ppb/w Silicon < 2 ppb/w Sodium < 5 ppb/w Tin < 10 ppb/w CH ₄ < 1 ppm N ₂ < 3 ppm	UK	50 lb/22.7 kg	700 Series: Semiconductor

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5

See Section E for additional information on Praxair's Semiconductor product line (E34-E36)

See Section F for our extensive line of safety products (F132-F134)