



Specifications for Anhydrous Ammonia (Industrial)

Parameter	Value
Molecular Formula	NH ₃
Mol Wt	17
Cas #	[82-0-0]
Description	Liquid Below (-) 33 Deg Cel Gas Above (-) 33 Deg Cel
Ammonia (% NH ₃)	99.5 Min
Total Nitrogen (Wt % N)	82 Min
Moisture (%)	1 Max
Oil In ppm	20 Max

Uses

Industry	Application
Explosive	In Mfr Of Ammonium Nitrate, Nitroglycerine, TNT And Nitrocellulose
Process And Manufacturing	In Mfr Of: Methylamines And Monoethylamines Amino Resins Cynamide Nitrogen Dioxide Soda Ash Caprolactam Rocket Fuels Nitric Acid And Liquor NH ₃ Cyanides, Amides, Nitrites As A Refrigerant
Fertilizer	In mfr of urea and other fertilizers
Pulp & Paper	For pulping of wood
Metal	In bright annealing of SS, nickel and its alloys In nitriding of steel
Petroleum	As corrosion inhibitor in refineries
Food & Beverage	As N source in growth of yeast and microorganisms
Rubber	In stabilizing natural rubber latex while transportation
Leather	In prevention of tanning of liquors
Pharma	In mfr of sulfanilamide, sulfathiazole, sulfapyridine, vitamins, antimalarials and methionine
Colourant	In mfr of various dye intermediates