

TYPICAL PHYSICAL PROPERTIES

Anhydrous Ammonia

Agricultural Grade 82-0-0

Description: A chemical compound containing 82% nitrogen and 18% hydrogen. At ordinary temperatures it is a colorless, pungent gas about half as dense as air. Anhydrous ammonia is stored and transported in the liquid form in pressurized containers. The pressure in the container is a function of the temperature of the liquid. At 60°F, the pressure is 93 psig; at 104°, the pressure is 211 psig and at minus 28°F the pressure is at atmospheric.

Anhydrous ammonia is used for direct application to the soil and in irrigation waters. It is also used to manufacture compound fertilizers.

Typical Chemical Analysis	
Total Nitrogen	82.0%
Ammonia	99.5–99.8%
Moisture	0.2–0.5%

Typical Physical Properties	
Specific Gravity at 60° F (16° C)	0.620
Density: 60° F (16° C)	5.14 lbs. per U.S. gallon (0.62 kg/liter)



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