



Product Data Sheet

LAN-82%



82% Ammonium Nitrate Solution

General:

Apache Nitrogen Products, Inc. manufactures a clear Ammonium Nitrate solution containing 28.7% nitrogen. It is used both as a fertilizer component and an explosive agent.

Typical Chemical Composition:

Total Nitrogen (N) 82% basis	28.7 %
Total Nitrogen (N) 100% basis	35 %
Ammonium Nitrate	82 % - 84 %

Typical Physical Data:

Weight per gallon @ 200°F (93°C)	11.3 lbs.
pH range	4.0 – 5.0
Salting out temperature	153 °F (67 °C)

Compatibility & Uses:

- Use – Bases for manufacture of liquid fertilizers.
- Compatible – with 8-24-0, 9-30-0, 10-34-0, in making up complete liquid mixtures.
- Use – for combination with phosphorous solution and potash solution in complete liquid mixes.

Advantages:

- Double acting for both instant and sustained feeding. Of the 28% nitrogen, half (14%) is in the nitrate form, mobile and instantly available. The other half (14%) is ammoniacal nitrogen, which fastens itself to the clay particles in the upper soil layers, and then is released slowly as a result of gradual bacterial action that turns ammoniacal nitrogen into the nitrate form.
- Savings in transportation costs due to reduced water percentage over 57% solution.

Safety:

Refer to the product Material Safety Data Sheet for additional information.

Normal precautions for working around chemical solutions.

Apache Nitrogen Products, Inc
P.O. Box 700
Benson, AZ 85602
(520) 720-2217 Fax (520) 720-4158

E-mail: sales@apachenitro.com
Web Site: <http://www.apachenitro.com>