



TECHNICAL SHEET

UAN 32 – UREA AMMONIUM NITRATE SOLUTION

Guaranteed Analysis:

	%
Total Nitrogen (N).....	32.0
Ammoniacal Nitrogen.....	7.75%
Nitrate Nitrogen	7.75%
Urea Nitrogen	16.50%
Derived from Ammonium Nitrate and Urea	

Características Físicas:

Specific Gravity @ 68°F.....	1.327
Weight (lbs./Gal.) @ 68°F:.....	11.06
Total Nitrogen (lbs./Gal):	3.54
Ammonic Nitrogen	0.86
Nitrate Nitrogen	0.86
Urea Nitrogen	1.82
Salting Out Temperature	32°F
pH Solution	6.8
Free Ammonia	0.01%

Construction of Storage & Transfer Equipment:

1. Mild Steel, stainless Steel, aluminum and certain fiberglass materials are suitable. Copper and alloys containing copper (brass) should not be used.

Compatibility

1. Compatible with ammonium phosphate Solutions such as 11-37-0, 10-34-0, etc.
2. Compatible with potash Solutions and combinations of potash and ammonium phosphate Solutions, including Potassium thio-sulfate.
3. Compatible with Ammonium thio sulfate.

USES

1. A no pressure solution is well adapted for a wide range of application practices. Direct application in pre-plant plow-down programs, injecting or binding in the soil, or applied through various irrigation systems-sprinkler, drip, flood or furrow.
2. Is the preferred source of nitrogen in liquid blending plants and in combination with herbicides for “weed and feed” programs.

Advantages:

1. Provides both fast acting and long-lasting plant food from its three forms of nitrogen. Quick response from nitrate, longer lasting from ammoniacal and sustained feeding from the water soluble organic nitrogen in urea.
2. Enjoys great compatibility with other fertilizers and many chemicals. Makes possible two or more jobs in one trip over the field. Saves time, labor and money.
3. Is easy to store, handle and calibrate for accurate application in the field.
4. Is safe being a non-pressure neutral solution, eliminates safety hazards associated with corrosive materials and high-pressure systems.

Safety:

Not generally considered toxic. Avoid contact with eyes and skin, In case of contact, thoroughly flush eyes and skin with water. 32-0-0 is not regulated by DOT.

Precautions:

1. Do NOT spray UAN-32 full strength on crops other than pastures.
2. Do NOT mix with aqua ammonia as the blend is very corrosive.