

Product Name: **URAN[®]-28 (28-0-0)**Order Code: **URAN28**MSDS No.: **35****FERTILIZER PRODUCTS**

Source: Augusta, GA / Lima, OH

Alternate Names: Urea-Ammonium Nitrate Solution, URAN, UAN

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CHEMICAL DATA	TYPICAL	GUARANTEED
Total Nitrogen, Wt. %		28.0 ± 0.2
Ammonia Nitrate, Wt. %	39.5	37.0 - 41.7
Urea, Wt. %	30.5	28.8 - 32.4
Alkalinity, as Ammonia, Wt. %	0.03	0.01 - 0.05
Inhibitor: ENDCOR, UAN, ppm	60	
Water, Wt. %	30.0	

PHYSICAL DATA	TYPICAL	GUARANTEED
Appearance		Clear with a slight tint
Specific gravity @ 60°/60°F	1.280	
Viscosity, cps @ 60°F	3.4	
Salting-out temperature, °F	1	
Freezing point, °F	-16	
Equivalent acidity, lbs CaCO ₃ , Equivalent per 100 lbs Product	50.4	

FORMULATION AND HANDLING FACTORS, 60°F	
Pounds/Gallon	10.66
Gallons/Ton	187.6
Pounds/Cubic Feet	79.7
Pounds N/Gallon	2.98
Pounds/Unit N	71.4
Gallons/Unit N	6.70

PLANT FOOD NITROGEN CONTENT	
Total Nitrogen, Wt. %	28.0
Ammoniacal Nitrogen, Wt. %	6.9
Nitrate Nitrogen, Wt. %	6.9
Urea Nitrogen, Wt. %	14.2

DENSITY (POUNDS PER GALLON) AS A FACTOR OF TEMPERATURE							
20°F	30°F	40°F	50°F	60°F	70°F	80°F	90°F
10.77	10.75	10.72	10.69	10.66	10.63	10.60	10.57

Note: All of the above properties are based on the analysis of a composite sample from a bulk shipment.
Grab samples or individual car samples may fall outside of the specified typical.

