

Product Name: **URAN[®]-32 (32-0-0)**Order Code: **URAN32**MSDS No.: **35****FERTILIZER PRODUCTS**

Source: Augusta, GA / Geismar, LA

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

page 1 of 1

CHEMICAL DATA	TYPICAL	GUARANTEED
Total Nitrogen, Wt. %		32.0 ± 0.2
Ammonia Nitrate, Wt. %	45.1	42.1 - 47.6
Urea, Wt. %	34.8	32.9 - 37.0
Alkalinity, as Ammonia, Wt. %	0.03	0.01 - 1.05
Inhibitor: ENDCOR, UAN, ppm	60	
Water, Wt. %	20.1	

PHYSICAL DATA	TYPICAL	GUARANTEED
Appearance		Clear with a slight tint
Specific Gravity @ 60°/60°F	1.326	
Viscosity, cps @ 60°F	5.5	
Salting-out temperature, °F	29	
Freezing point, °F	-16	
Equivalent acidity, lbs CaCO ₃ , Equivalent per 100 lbs Product	57.6	

FORMULATION AND HANDLING FACTORS, 60°F	
Pounds/Gallon	11.04
Gallons/Ton	181.2
Pounds/Cubic Feet	82.6
Pounds N/Gallon	3.53
Pounds/Unit N	62.5
Gallons/Unit N	5.66

PLANT FOOD NITROGEN CONTENT	
Total Nitrogen, Wt. %	32.0
Ammoniacal Nitrogen, Wt. %	7.9
Nitrate Nitrogen, Wt. %	7.9
Urea Nitrogen, Wt. %	16.2

DENSITY (POUNDS PER GALLON) AS A FACTOR OF TEMPERATURE						
30°F	40°F	50°F	60°F	70°F	80°F	90°F
11.13	11.11	11.08	11.04	11.01	10.98	10.94

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.

