



1-FERTILIZERS

i. LIQUED FERTILIZER

1- Urea Ammonium Nitrate (UAN,28% ,30%,32%)

Properties :-

UAN, Clear liquid with slight ammonia odor, is a solution of urea and ammonium nitrate in water used as a fertilizer with a nitrogen content that typically ranges from 28 percent to 32 percent. The commonly used grade is UAN 32.0.0 (32% N) also known as UN32 OR UN-32

package :The flexitank can load 23 MT, one container can hold one flexitank.

-IBC can load 1000 L liquid, 1,3 MT/BC, One Container can hold 18 IBCS, 23 MT in 1*20 FCL

-Others suitable containers according to the customer's requirement

Item	Index	
Appearance	Colourless liquid .light spicy smell of Ammonia	Colourless liquid .light spicy smell of Ammonia
Total N content %	30-30.3	32-32.3
Ammonium Nitrate %	40-44	42-47
Urea %	31-34	34-37
Moisture %	29-22	24-16
Free Ammonium % ≤	0.05	0.05
Solubility	100	100
PH(in 10% AN solution)	6.0 – 7.5	6.0 – 7.5
Crystallization temperature	0 c°	0 c°
Density (25)	1.3(1.30 -1.31)	1.3(1.315 -1.325)
Heavy metal	4 ppm	4 ppm

Transportation & Storage :-

Store away from incompatible material or sources of heat and ignition, Empty containers may contain residue and can be dangerous. Do not pressurize, cut, weld, solder, drill, grind or expose such containers to heat, flames, sparks or other sources of ignition; they may evolve poisonous gas and cause injury or death.