

# PRODUCT INFORMATION



## Physical Properties

Appearance:	Clear and colorless
Physical State:	Liquid
Odor:	None to slight ammonia
pH:	7.5 - 9.5
Boiling Point:	100 deg C
Crystalization Point:	-11 deg C
Specific Gravity:	1.09
Bulk Density:	1087 - 1093 kg per cubic meter
Recommended Storage:	0 to 30 deg C

## Package Sizes Available

1040 L Totes  
 208 L Drums  
 9.46 L Jugs

Also available in bulk via totes, polytanks, H2Blu Box and other customized storage solutions.

## PRODUCT SPECIFICATIONS

PARAMETER AS PER ISO 22241-1	NORMATIVE AS PER ISO 22241-2	SPECIFICATION
Urea content by total nitrogen	Annex B	31.8-33.2% (m/m)
Urea content by refractive index	Annex C	31.8-33.2% (m/m)
Density at 20°C	N/A	1087.0-1093.0 (kg/m <sup>3</sup> )
Refractive Index at 20°C	Annex C	1.3814-1.3843
Alkalinity as NH <sub>3</sub>	Annex D	0.2 Max (% m/m)
Determination of Biuret content	Annex E	0.3 max (% m/m)
Determination of Aldehyde content	Annex F	5 (mg/kg)
Determination of insoluble matter	Annex G	20 max (mg/kg)
Determination of Phosphate Content	Annex H	0.5 (mg/kg)
Trace Elements I (Annex I)	Al	0.5 (mg/kg)
	Ca	0.5 (mg/kg)
	Cr	0.2 (mg/kg)
	Cu	0.2 (mg/kg)
	Fe	0.5 (mg/kg)
	K	0.5 (mg/kg)
	Mg	0.5 (mg/kg)
	Na	0.5 (mg/kg)
	Ni	0.2 (mg/kg)
Zn	0.2 (mg/kg)	
Identity	Annex J	identical to reference scan