



Terra Environmental Technologies
a division of Terra Industries Inc.

TYPICAL PHYSICAL PROPERTIES
32.5% Aqueous Urea Solution
DeNOx Grade

Description: Urea Solution, AUS 32, is a manufactured product of technically pure urea mixed with demin quality water designed to meet the Specifications of DIN 70070:2005 and ISO 22241-1:2006 for NOx abatement technologies.

Typical Chemical and Physical Analysis

Parameter	TYPICAL
Urea Concentration	32.5 +/- 0.7 %
Specific gravity at 20 °C	1.087 - 1.093 kg/m3
Refractive Index at 20 °C	1.3814 - 1.3843
Free Ammonia (alkalinity)	0.2% max
Biuret	0.3% max
Formaldehyde	Formaldehyde Free
Insoluble Matter	20 ppm max
Phosphates	0.5 ppm max
Calcium	0.5 ppm max
Iron	0.5 ppm max
Copper	0.2 ppm max
Zinc	0.2 ppm max
Chromium	0.2 ppm max
Nickel	0.2 ppm max
Aluminum	0.5 ppm max
Magnesium	0.5 ppm max
Sodium	0.5 ppm max
Potassium	0.5 ppm max
Water Quality	DEMIN - ISO 3696 Applicable

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