

## TYPICAL PHYSICAL PROPERTIES

# Urea Liquor

### SCR/SNCR Grade

**Description:** Terra's SCR and SNCR grade urea solution, or liquor, is a manufactured product of urea mixed with pure water in concentrations ranging from 40 to 70 percent by weight urea. Urea is used as a nitrogen or ammonia source for industrial feedstocks and as a NOx abatement reagent in SCR and SNCR applications. All Terra urea solution is formaldehyde-free. Terra's SCR and SNCR grade UL is produced from deMin quality water. To meet our customers' needs, Terra offers services to support NOx abatement emissions control projects.

	SCR and SNCR Grades			
	UL-(40)	UL-50	UL-60	UL-70
Urea Strength (+/- 1%)	40	50	60	70
Free Ammonia (at loading)	<0.3%	<0.5%	<0.5%	<0.5%
Biuret (at loading)	<0.5%	<0.5%	<0.7%	<0.7%
Magnesium (Mg)	<0.8 ppm	<0.8 ppm	<0.8 ppm	<0.8 ppm
Calcium (Ca)	<0.8 ppm	<0.8 ppm	<0.8 ppm	<0.8 ppm
Phosphates as PO <sub>4</sub>	<1.5 ppm	<1.5 ppm	<1.5 ppm	<1.5 ppm
Iron (Fe)	<0.8 ppm	<0.8 ppm	<0.8 ppm	<0.8 ppm
Formaldehyde	None	None	None	None
Water Quality	DeMin	DeMin	DeMin	DeMin



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This product will typically have similar physical characteristics as those listed above. Product characteristics may vary slightly, depending on the source. Although the information here is provided in good faith and believed to be reliable, Terra makes no guarantee, warranty or representation as to the suitability of the product for any purpose, and the user accepts full responsibility to determine the suitability of the product for its own use. Terra's liability for damages or losses shall be limited to replacement of the product or refund of the purchase price, at Terra's option. In no event shall Terra be liable for any special or consequential damages.