



# Product Specification Sheet

## Diesel Exhaust Fluid (DEF) 50%

Typical Chemical Properties	Minimum	Typical	Maximum
Urea Concentration	49.0 % (m/m)	50.0 % (m/m)	51.0 % (m/m)
Free Ammonia (Alkalinity)			0.3 % (m/m)
Biuret			0.5 % (m/m)
Aldehydes			7 mg/kg
Insoluble Matter			30 mg/kg
Phosphates, Calcium, Iron, Aluminum, Magnesium, Sodium, and Potassium (each)			0.7 mg/kg
Copper, Zinc, Chromium, Nickel (each)			0.3 mg/kg
Water Quality: DEMIN ISO 3696 Applies DEF meets the quality requirements of the ISO-22241 standard.			

Typical Physical Properties	Minimum	Typical	Maximum
Density at 68°F (20°C)		9.51 lb/gal (1141 kg/m <sup>3</sup> )	
Refractive Index at 68°F (20°C)		1.4104-1.4148	

- **Please obtain a Safety Data Sheet (“SDS”) for this product for more information.** The SDS contains important information regarding the handling and storage of this product as well as environmental, health and safety information. Copies of the SDS can be obtained at [www.iowafertilizer.com](http://www.iowafertilizer.com) or by contacting your OCI Iowa Fertilizer representative.
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