



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 (1140 kg/m ³)	
Refractive Index at 68°F (20°C)		1.4085-1.4115	

- **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 or by contacting your OCI Iowa Fertilizer representative.
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