



# Product Specification Sheet

## Urea Solution 50% (SCR/SNCR Grade)

| 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  |              |              | None Detect  |
| Phosphates, Calcium, Iron, Magnesium, and Sodium |              |              | 0.7 mg/kg    |
| Water Quality: DEMIN ISO 3696 Applies            |              |              |              |

| Typical Physical Properties     | Minimum | Typical                                  | Maximum |
|---------------------------------|---------|--|---------|
| Density at 68°F (20°C)          |         | 9.51 lb/gal<br>(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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