



PRODUCT SPECIFICATION SHEET

Diesel Exhaust Fluid (DEF)

| Typical Chemical Analysis | |
|---------------------------|-----------------------------------|
| Parameter | Typical |
| Urea Concentration | 32.5 +- 0.7 % |
| Density at 20 °C | 1087.0 - 1093.0 kg/m ³ |
| Refractive Index at 20 °C | 1.3814 - 1.3843 |
| Free Ammonia (alkalinity) | 0.2% max |
| Biuret | 0.3% max |
| Aldehydes | 5 ppm max |
| 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 |

Comments:

DEF meets the quality requirements defined by ISO22241-1.

Please obtain a Material Safety Data Sheet for more information

The Material Safety Data Sheet ("MSDS") for this product contains important environmental, health and safety information regarding this product, including information concerning the handling and storage of this product. Copies of the MSDS for this product can be obtained at www.cfindustries.com or by contacting your CF representative.

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