



# PRODUCT DATA 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/m3
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 ISO22241-2.

Please obtain a Safety Data Sheet for more information

The Safety Data Sheet ("SDS") 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 SDS for this product can be obtained at [Fuelquality@loves.com](mailto:Fuelquality@loves.com) or by contacting your Musket representative.

Important Disclaimer

Product characteristics may vary slightly depending on the source. The information provided herein is provided in good faith and Musket Corporation makes no guarantee, warranty or representation as to the suitability of the product for any purpose. User accepts full and complete responsibility for determining the suitability of the product for its own use.

Musket's liability resulting from a failure of the product to meet the specifications stated above will be limited to replacement of the product or a refund of the purchase price paid, at Musket's sole option. In no event will Musket be liable for any lost profits, lost opportunities, indirect, special, incidental, consequential, or punitive damages in connection with this Product Data Sheet.

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