

Connecting**Chemistry**

# UltraPure™ Diesel Exhaust Fluid

## Typical and Physical Properties

32.5% Aqueous Urea Solution, DeNOx Grade



UltraPure DEF<sup>®</sup>  
DELIVERED NATIONWIDE



**Description:** Urea Solution, AUS 32, is a manufactured product of technically pure urea mixed with demineralized water designed to meet the specification of DIN 7007:2005 and ISO 22241-1:2006 for NOx abatement technologies.

PARAMETER	TYPICAL
Urea Concentration	32.5 +/- 0.7%
Specific Gravity at 20°C	1.087 - 1.093 kg/m <sup>3</sup>
Refractive Index at 20°C	1.3814 - 1.3843
Free Ammonia (alkalinity)	0.2% max
Biuret	0.3% max
Formaldehyde	Meets or Exceeds ISO 22241 Spec
Insoluble Matter	20 ppm max
Phosphates	0.5 ppm max
Calcium	0.5 ppm max

PARAMETER	TYPICAL
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



**CONTACT DIVERSE SUPPLY SOLUTIONS, LLC TO PLACE YOUR ORDER TODAY!**

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Connecting**Chemistry**

PRODUCT #80301

# UltraPure™ Diesel Exhaust Fluid

## 2.5 Gallon Small Pack



UltraPure DEF  
DELIVERED NATIONWIDE



### DEF Information

DEF is designed for use in diesel engines with SCR technology. This package will provide for approximately 150,000 miles (your results may vary depending on your vehicle and dosage rate).

### Chemical Data

- Meets AUS 32, ISO 22241, and DIN 70070 Specification
- Weight- 9.1 lbs per gallon (1.09 kg per liter)
- 32.5% automotive grade urea/DI water
- Clear
- Crystallizes at 12°F (-11°C)
- Ideal Storage 23°F to 86°F (-5°C to 30°C)

### Package Data

- 5 Gallon Carton (2 x 2.5 Gallon Containers) or 2.5 Gallon Cartons (1 x 2.5 Gallon Containers)
- Natural Colored Non-Vented Bottle with Vent Spout
- White Standard Cap with 38/400 W PS/22 Liner
- 2 Pack Carton Printed (200 Pound Test) with Divider Pad
- API Date Code on Each Container
- Standard 4-Way Pallet - 40" x 48"; 200 Gallons per Pallet
- Placard Each Side (4) "Do Not Double Stack" and Placard Two Sides (2) "Product ID with pallet # and production date"
- Carboard Pallet Liner and Carboard Pallet Topper
- Stretch-Wrap Finished Pallet
- Full Pallet Weight Estimated 1,920 lbs



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Connecting**Chemistry**

PRODUCT #154969

# UltraPure™ Diesel Exhaust Fluid

55 Gallon Drum One Way



UltraPure DEF  
DELIVERED NATIONWIDE



## DEF Information

DEF is designed for use in diesel engines with SCR technology. This package will provide for approximately 16,500 miles (your results may vary depending on your vehicle and dosage rate).

## Chemical Data

- Meets AUS 32, ISO 22241, and DIN 70070 Specification
- Weight- 9.1 lbs per gallon (1.09 kg per liter)
- 32.5% automotive grade urea/DI water
- Clear
- Crystallizes at 12°F (-11°C)
- Ideal Storage 23°F to 86°F (-5°C to 30°C)

## Package Data

- Holds 55 US Gallons/207.9 Liters
- 24" x 24" x 36"
- 500 lbs net weight
- Delivered by truck, offloaded by hand truck
- NAFTA compliant label in English, French, and Spanish

## Fittings

- 2 inch plug with American Buttress Thread
- 2 inch plug with National Pipe Straight Thread

## Drum Return Policy

- Sold as a "one way" package - customer discards



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**ConnectingChemistry****PRODUCT #538915**

# UltraPure™ Diesel Exhaust Fluid

## 330 Gallon Tote Closed System

**UltraPure DEF**  
DELIVERED NATIONWIDE**DEF Information**

DEF is designed for use in diesel engines with SCR technology. This package will provide for approximately 99,000 miles (your results may vary depending on your vehicle and dosage rate).

**Chemical Data**

- Meets AUS 32, ISO 22241, and DIN 70070 Specification
- Weight- 9.1 lbs per gallon (1.09 kg per liter)
- 32.5% automotive grade urea/DI water
- Clear
- Crystallizes at 12°F (-11°C)
- Ideal Storage 23°F to 86°F (-5°C to 30°C)

**Package Data**

- Holds 330 US Gallons / 1,250 Liters
- Dimensions (LxWxH) 47.24" X 39.37" X 53.15"
- 3,300 lbs net weight
- Delivered by truck, off-loaded by customer fork lift
- NAFTA compliant label in English, French, and Spanish

**IBC Return Policy**

- Returnable to Brenntag, requires a deposit
- Can be refilled onsite

**Sealed System**

Pump required for dispensing, sealed connection system ensures no contamination, Stainless Micro Matic "female" quick connect system.



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## ConnectingChemistry

PRODUCT #87305

# UltraPure™ Diesel Exhaust Fluid

Bulk



UltraPure DEF<sup>®</sup>  
DELIVERED NATIONWIDE



### DEF Information

DEF is designed for use in diesel engines with SCR technology.

### Chemical Data

- Meets AUS 32, ISO 22241, and DIN 70070 Specification
- Weight- 9.1 lbs per gallon (1.09 kg per liter)
- 32.5% automotive grade urea/DI water
- Clear
- Crystallizes at 12°F (-11°C)
- Ideal Storage 23°F to 86°F (-5°C to 30°C)

### Delivery Information

- Bulk delivery can be made into a Brenntag 330 gallon IBC or approved bulk storage container.
- Receiving locations will need to have adequate access for trucks. The unloading pipes should be 2" with a terminating valve and OPW fitting. The line should be capped when not in use.
- Outdoor storage should be heated or vented to ensure the product is not subjected to extended periods outside the ideal storage temperatures.
- Pumps and other devices that make contact with the DEF should be of compatible materials such as stainless steel or polyethylene. A detailed list of compatible materials can be provided upon request.



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