



# DEF (Diesel Exhaust Fluid)



**Bestbuy DEF** is a 32.5% aqueous Urea Solution, AUS 32, a manufactured product of technically pure urea mixed with demin quality water designed to meet the specifications of DIN 70070:2005 and ISO 22241 1:2006 for NOx abatement technologies.

**Bestbuy DEF** is certified as a Diesel Exhaust Fluid by the American Petroleum Institute.

**Bestbuy DEF** transforms harmful nitrogen oxide emissions from diesel powered vehicles into harmless water vapor and nitrogen.

**Bestbuy DEF** is contained in a separate tank and sprayed from the SCR (Selective Catalytic Reduction) systems into the exhaust gases.

## FEATURES

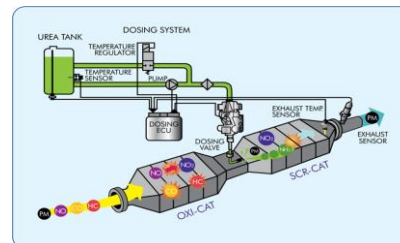
- API Certified
- Nontoxic, nonpolluting, nonhazardous and non-flammable
- Smells like ammonia
- Store in cool dry well-ventilated area out of direct sunlight

## BENEFITS

- 2 year shelf life if kept out of direct sun
- Transforms harmful emissions to water vapor
- Adheres to clean air initiatives
- Selective Catalytic Reduction systems can provide better fuel mileage and create less pollution

Typical Chemical and Physical Analysis	
Parameter	Typical
Urea Concentration	32.5 +/- 0.7%
Specific gravity at 20° C	1.087 – 1.093 kg/m3
Refractive index at 20° C	1.3814 – 1.3843
Free Ammonia (alkalinity)	0.2% max
Biuret	0.3% max
Formaldehyde	None
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

Product	9.46L (2.5 US Gal)	208L (55 US Gal)
DEF (Diesel Exhaust Fluid)	FX0002910	FX0002950



**Available Exclusively at  
Bestbuy Distributor Locations**

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AUTOMOTIVE  
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