

## PRODUCT BULLETIN

### Blue Blood DEF (Diesel Exhaust Fluid)

*API Certified*

PRODUCT #800

**CAM2 BLUE BLOOD DEF** is an American Petroleum Institute (API) certified Diesel Exhaust Fluid that meets international standards for purity and composition for use as a Nitrogen Oxide (NOx) reducing agent in all Selective Catalytic Reduction (SCR) Emission Control systems. Per specifications, it is a high purity 32.5% (by weight) aqueous urea solution (urea in de-ionized water).

**CAM2 BLUE BLOOD DEF** is a reducing agent which is injected into the hot exhaust gas stream downstream of the diesel particulate filter. It vaporizes in the hot exhaust gas to form ammonia and carbon dioxide which then reacts with the SCR system catalytic converter and the NOx (oxides of nitrogen) in the exhaust, converting the harmful NOx emissions to harmless nitrogen and water.

**CAM2 BLUE BLOOD DEF** meets ISO 22241-2 specifications and meets all applicable standards and specifications for use in all SCR systems. It meets or exceeds all applicable standards, certifications and manufacturer's performance requirements, including purity and composition.

#### FEATURES

- API Certified Diesel Exhaust Fluid
- For Use in All SCR Emission Control Systems
- Meets ISO 22241 Specifications
- Non-Toxic, Non-Flammable, Non-Polluting
- Provided in white 1 and 2 gallon containers, semi-transparent white 275 gallon totes as well as plastic drums. The white containers block sunlight which will degrade DEF and help it to stay cooler, which will increase shelf life.
- No special handling is required - It's easy to use.

#### APPLICATIONS

For use in SCR (Selective Catalytic Reduction) Emission Control Systems for automotive and heavy duty diesel engines in order to meet the EPA 2010 initiatives for near zero levels of NOx emissions from diesel exhaust.

See Technical Data on pg 2.





## PRODUCT BULLETIN

### Blue Blood DEF (Diesel Exhaust Fluid)

*API Certified*

PRODUCT #800

#### SPECIAL HANDLING, NOTICES OR WARNINGS

Care in handling should be taken according to ISO 22241-3. Avoid temperatures below -12 °F and above 95 °F. If DEF is frozen it may be thawed without degradation. Shelf life begins to reduce when DEF is stored above 86°F and/or is stored in an open container. CAM2 Blue Blood DEF is highly corrosive to aluminum, copper, brass, zinc, lead, magnesium, mild steel and plastics or metals coated with nickel. It should be stored in plastic or stainless steel containers.

All surfaces that come into contact with CAM2 Blue Blood DEF must be free of foreign matter.

#### TYPICAL PROPERTIES

Product Code	800
Form	Liquid Clear
Odor	Ammoniacal (Slight)
pH	9.8 to 10 (Conc. (% w/w): 10%)
Melting/Freezing Point	-11.5 C (11.3 °F)
Flash Point (Deg C)	None
Vapor Pressure (mm Hg)	6.4 kPa (48 mm Hg) (at 40°C)
Density	9.05 - 9.09 lbs/gal (77°F)
Refractive index	1.3814 – 1.3843 (77°F)
Miscible in water	Yes

Contact your CAM2 representative or CAM2 distributor for additional information.

**CAM2 INTERNATIONAL, LLC**

685 Haining Road, Vicksburg, MS 39183 USA • Tel: 800-338-2262

[www.CAM2.com](http://www.CAM2.com)