



## DEF

### Diesel Exhaust Fluid

#### Sinopec Galance Aqueous Urea Solution (DEF)

Pack Size: (2) 2.5 Gallon Jugs

Shipping Weight: 41.75 lbs.

Dimensions: 24"x24"x24"

SINOPEC Galance Aqueous Urea Solution AUS 32 (DEF) is formulated using high purity urea and water. Meet formal API Diesel Exhaust Fluid certification. This product is a 32.5% solution designed for use in diesel engines with SCR technology. That is clear, non-toxic and safe to handle.

#### APPLICATIONS

- Heavy-duty commercial vehicle using SCR system to comply with API & Euro 5 & 6.
- Diesel engines with SCR Technology.

#### FEATURES AND BENEFITS

- Clear, non-toxic and safe to handle.
- Strict alkalinity control, ensure the service life of the product.
- Ultra-low metallic content, avoid catalyst poisoning, effectively extending the life of the product.
- Ultra-low biuret, phosphate and aldehydes content, avoid blockage of the catalyst pores and nozzle, effective protection for the SCR injection system.
- Reducing the emissions of NO<sub>x</sub> and the fuel consumption with SCR technology.

#### TYPICAL DATA

Urea content, %(m/m)	32.4
Density at 20°C, kg/m <sup>3</sup>	1090.0
Refractive index at 20°C	1.3828
Alkalinity as NH <sub>3</sub> , %(m/m)	0.01
Biuret, %(m/m)	0.21
Aldehydes, mg/kg	0.2
Insoluble matter, mg/kg	5.6
Phosphate (PO <sub>4</sub> ), mg/kg	0.2
Calcium, mg/kg	0.0
Iron, mg/kg	0.0
Copper, mg/kg	0.0
Zinc, mg/kg	0.0
Chromium, mg/kg	0.0
Nickel, mg/kg	0.0
Aluminium, mg/kg	0.0
Magnesium, mg/kg	0.0
Sodium, mg/kg	0.2
Potassium, mg/kg	0.1
Identity	YES



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## OEM & INDUSTRY SPECIFICATIONS

API	Diesel Exhaust Fluid
ISO	22241
DIN V	70070
JIS	2247
BS ISO	2241

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## ACCURACY OF INFORMATION

Data provided in this PDS is typical and subject to change as a result of continuing product research and development. The information given was correct at the time of printing. The typical values given are subject to variations in the testing procedures and the manufacturing process may also result in slight variations. Sinopec guarantees that its lubricants meet any industry and OEM specifications referred to on this data sheet. Sinopec cannot be held responsible for any deterioration in the product due to incorrect storage or handling. Information on best practice is available from your local distributor.

## PRODUCT AND ENVIRONMENTAL SAFETY

This product should not cause any health problems when used in the applications suggested and when the guidance provided in the Material Safety Data Sheet (MSDS) is followed. Please consult the MSDS for more detailed advice on handling; MSDSs are available from your local distributor. Do not use the product in applications other than those suggested. As with all products, please take care to avoid environmental contamination when disposing of this product. Used oil should be sent for reclamation/recycling or, if not possible, must be disposed of according to relevant government/authority regulations.

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## FURTHER INFORMATION



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