

## RIDA Ad-blue Diesel exhaust fluid

Rida Ad-Blue is a diesel exhaust fluid used in vehicles with Selective Catalytic Reduction (SCR) technology to reduce harmful gases being released into the atmosphere. The urea in its content should be suitable for the automotive industries

### Designed to Perform

Rida Ad-Blue solution of high-purity, manufactured urea in de-mineralized water. It is a safe-to-use fluid. This International standard protects your vehicle from contamination which could cause serious damage. Using a urea solution of incorrect or low quality, that does not follow these standards risks costly repairs.

### Characteristics

- ✓ Clear and odorless liquid classified as non-toxic and safe to handle.
- ✓ Freezing point – 11 °C.
- ✓ Crystallization upon drying can cause corrosion and spillages should be cleaned using water.
- ✓ Corrosive to iron, copper, bronze, and some aluminum alloys.
- ✓ The urea in its content should be suitable for the industry, i.e. the automotive.

### Storage & handling

- ✓ Keep away from temperatures above 25°C in transport and storage conditions to maintain long-Term shelf life.
- ✓ Keep the temperature between 18-23°C as much as possible during production-stock and Transportation.
- ✓ Keep the transport storage temperature of urea at a storage temperature above -5°C to avoid crystallization.

### Typical Physical Characteristics

PROPERTY	UNITS	RESULT
Urea content	%	32.5
Alkalinity as NH3	%	<0.1
Zinc	mg/kg	<0.2
Aldehydes	mg/kg	<0.5
Aluminum (Al)	mg/kg	<0.1
Biuret	%	0.24
Density @20 °C	g/cm3	1.089
Copper (Cu)	mg/kg	<0.2
Chromium (Cr)	mg/kg	<0.2
Potassium (k)	mg/kg	<0.1
Sodium (Na)	mg/kg	<0.1
Calcium (Ca)	mg/kg	<0.2
Insoluble	mg/kg	<1
Iron (Fe)	mg/kg	<0.2
Magnesium (mg)	mg/kg	<0.1
Nickel (Ni)	mg/kg	<0.2
Phosphate	mg/kg	<0.05
Refractive index	-	1.3827

*These characteristics are typical of current product methods whilst future production will conform to Rida Lubricants specifications, variations in these physical characteristics may occur.*

# Technical Data Sheet (TDS)



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## Health & Safety Environment

- This product is unlikely to present any significant health and safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.
- Avoid contact with eyes and skin, use proper impervious gloves with used oil. After skin contact, wash immediately with soap and water. Guidance on health and safety is available on the appropriate Material Safety Data Sheet (MSDS) which can be obtained from [www.ridalubs.com](http://www.ridalubs.com)

## Protect the Environment

- Take used oil to an authorized collection point. Do not discharge used or new oil into drains, soil or water.

## Additional Information

- Technical advice on any applications not covered here may be obtained from your Rida Lubricants Representative.
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