



*Good Speed*

*AdBlue®*

## Description / Application / Properties

**Good Speed AdBlue®** is an aqueous solution of urea, which helps to reduce the emissions of nitrogen oxides in diesel engines and thus to meet the ever-stricter, legally prescribed exhaust gas standards.

**Good Speed AdBlue®** is the additional fuel used to implement the EURO 4,5 and EURO 6 emission levels in order to offer a future-proof and environmentally compatible drive concept with regard to economy and performance.

The SCR technology (selective catalytic reduction) is based on a catalytic reaction in which harmful nitrogen oxides are reduced to the harmless substances nitrogen and water by means of a reducing agent.

**Good Speed AdBlue®** The storage temperature should not exceed 30°C because it favors the formation of ammonia while increasing the pressure in the tank. In addition, the storage temperature should not be lower than 11°C to avoid crystallization. The total lifetime of AdBlue does not exceed 15 months.

## Specification

DIN 70070  
ISO 22241-1

## Substances

Urea 46% N Technical Grade (CAS No: 57-13-6)  
DEMINERALIZED WATER

## Physical & Chemical Properties

|                  |                                |
|------------------|--------------------------------|
| Physical state   | Fluid                          |
| Viscosity        | 1,4 mPas at 25°C               |
| Expiration date  | 15 monts                       |
| pH               | 8,5-9                          |
| Urea content     | 32,5%                          |
| Relative density | 1,085 - 1,09gr/cm <sup>3</sup> |
| Freezing point   | -11°C                          |
| Boiling point    | About +100°C                   |



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AUS32 (AdBlue®) Specifications as per DIN70070, ISO 22241-1:2019

| <b>Test Item</b>              | <b>Unit</b> | <b>Limits</b>   |
|-------------------------------|-------------|-----------------|
| Urea content                  | % (m/m)     | 31.8 – 33.2     |
| Refractive index at 20 °C     | -           | 1.3814 – 1.3843 |
| Alkalinity as NH <sub>3</sub> | % w/w       | 0.2 max.        |
| Biuret                        | % w/w       | 0.3 max.        |
| Aldehydes                     | mg/kg       | 5 max.          |
| Insolubles                    | mg/kg       | 20 max.         |
| Phosphate                     | mg/kg       | 0.5 max.        |
| Calcium                       | mg/kg       | 0.5 max.        |
| Iron                          | mg/kg       | 0.5 max.        |
| Copper                        | mg/kg       | 0.2 max.        |
| Zinc                          | mg/kg       | 0.2 max.        |
| Chromium                      | mg/kg       | 0.2 max.        |
| Nickel                        | mg/kg       | 0.2 max.        |
| Aluminium                     | mg/kg       | 0.5 max.        |
| Magnesium                     | mg/kg       | 0.5 max.        |
| Sodium                        | mg/kg       | 0.5 max.        |
| Potassium                     | mg/kg       | 0.5 max.        |

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