



## AdBlue data sheet, 2023

GreenChem AdBlue® is fully compliant the requirements of ISO 22241

Characteristics	Unit	Limits
Urea content	% by weight	31,8 – 33,2
pH-value (10% HS-solution)	none	10 max.
Density at 20 °C	g/cm <sup>3</sup>	1,087 – 1,093
Refractive index at 20 °C	none	1,3814 – 1,3843
Alkalinity as NH <sub>3</sub>	% by weight	0,2 max.
Biuret	% by weight	0,3 max.
Aldehydes	mg/kg	5 max.
Insoluble matter	mg/kg	20 max.
Phosphate (PO <sub>4</sub> )	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.

**Typical characteristics**

Classified as non-hazardous for supply or transport.

**Appearance**

Physical state: liquid  
 Colour: colourless/ white  
 Odour: ammonia (slight)

**Freezing point**

-11 °C (12,2 °F), prevent freezing

**Boiling point**

100 °C (212,2 °F)

The product is stable under normal storage and handling conditions.

GreenChem reserves the right to change the technical data without further notice.