

PRODUCT SPECIFICATION

Product Name	AdBlue® by Quantum®
Alternative Name	Automotive urea solution 32, AUS 32, diesel exhaust fluid, DEF
Specification Reference	ADBL/5 (05/15/0082001)

SALES SPECIFICATION

Characteristics	Unit	Min	Max	Typical Value
Urea Content	Weight %	31.8	33.2	32.5
Density	g/cm ³	1.087	1.093	1.0895
Refractive Index at 20°C		1.3814	1.3843	1.3829
Alkalinity as NH ³	%	-	0.2	
Biuret	%	-	0.3	
Aldehydes	mg/kg	-	5	
Insolubles	mg/kg	-	20	
Phosphate (PO ₄)	mg/kg	-	0.5	
Calcium	mg/kg	-	0.5	
Iron	mg/kg	-	0.5	
Copper	mg/kg	-	0.2	
Zinc	mg/kg	-	0.2	
Chromium	mg/kg	-	0.2	
Nickel	mg/kg	-	0.2	
Aluminium	mg/kg	-	0.5	
Magnesium	mg/kg	-	0.5	
Sodium	mg/kg	-	0.5	
Potassium	mg/kg	-	0.5	

AdBlue® by Quantum® conforms to DIN 70070 and ISO 22241 and is supplied ready to use.

Storage

To maintain the product quality it is recommended that AdBlue® is stored below 25°C and out of direct sunlight. Do not store or allow product to come into contact with mild steel, aluminium, brass, copper or alloys. These will damage the catalyst system.

Shelf Life (in accordance with ISO 22241-3)

Constant ambient storage temperature (°C) Minimum shelf life (months)

≤10	36
≤25	18
≤30	12
≤35	6
≥35	Significant decomposition test before use

Freezing

Adblue® will begin to freeze at -11°C; this does not affect the product quality or strength. The liquid phase of a partially frozen solution will still be at the required concentration and may continue to be used. The remaining frozen portion may be used after allowing to thaw

NOTES

All reasonable care has been taken to ensure that the information contained in this publication is accurate as at the date of printing. It should be noted however that the information above may be affected by changes occurring subsequent to the date of printing in the blend formulation or methods of application of any of the products referred to or in the requirements of any specification approval relating to any such product.

Features and Benefits

- Produced Locally in the UK
- Ultra filtered at several stages to produce a product of the highest quality
- 5 & 10L bottles include a fluted nozzle developed specifically to fill passenger cars and vans.
- Fluted nozzle allows air to vent from the vehicle's filling line and is engineered to have a fast pour time.
- Volume indicator on the side of the bottle.
- Suitable for all makes of Euro 6 vehicle

Availability

Description:	Part Number:
5 Litre	ZGB QAD 001 05L
10 Litre	ZGB QAD 001 10L
205 Litre	ZGB QAD 001 205

Address

Quantum is a registered trade mark of Volkswagen Group United Kingdom Limited.

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