ADBLUE®

APPLICATIONS

ADBLUE® is an aqueous urea solution developed for use in selective catalytic reduction (SCR) systems fitted to diesel engines. The purpose of this system is to reduce nitrogen oxide emissions present in the exhaust gas stream. The product consists of a 32.5% solution of urea in de-mineralised water and is clear, non-toxic and safe to handle.

PERFORMANCE DETAILS

ADBLUE® is manufactured according to ISO 22241-1

TYPICAL PHYSICAL CHARACTERISTICS

Urea Content, % wt	-	31.8 – 33.2
Density @ 20°C, g/cm^3	-	1.087 – 1.093
Refractive Index @ 20°C	-	1.3814 – 1.3843
Alkalinity (NH_3), %	-	≤ 0.2
Biuret, %	-	≤ 0.3
Aldehydes, ppm	-	≤ 5
Insoluble Matter, ppm	-	≤ 20
Phosphate (PO_4), ppm	-	≤ 0.5
Calcium, ppm	-	≤ 0.5
Iron, ppm	-	≤ 0.5
Copper, ppm	-	≤ 0.2
Zinc, ppm	-	≤ 0.2
Chromium, ppm	-	≤ 0.2
Nickel, ppm	-	≤ 0.2
Magnesium, ppm	-	≤ 0.5
Sodium, ppm	-	≤ 0.5
Potassium, ppm	-	≤ 0.5
Aluminium, ppm	-	≤ 0.5

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bsi ISO 9001 Quality Management Systems CERTIFIED; ISO 14001 Environmental Management CERTIFIED; ISO 45001 Occupational Health and Safety Management CERTIFIED; ISO 50001 Energy Management CERTIFIED; PAS 99 Integrated Management Systems CERTIFIED

STORAGE AND HANDLING

ADBLUE® should be stored under cover, out of direct sunlight. Storage temperature between -6°C and 25°C. ADBLUE® should only be stored in high density polyethylene, polypropylene or stainless-steel containers. Avoid copper, nickel, zinc, plain steels and aluminium.

Further information on ADBLUE® can be obtained by referring to the corresponding Safety Data Sheet.

The Company policy is to ensure that a range of products is supplied which complies with the latest specifications and codes within the relevant industry. As part of this development process, we therefore reserve the right to amend formulations without prior notice.