

# PRODUCT DATA SHEET

## **ADNOC ADGreen**

#### **DESCRIPTION**

**ADNOC ADGreen** is a high purity Urea Solution for the secondary treatment of SCR exhaust fumes. It is a colorless liquid made up of 67.5% demineralized water and 32.5% urea by weight.

### **APPLICATIONS & STORAGE**

**ADNOC ADGreen** is used as a reagent to reduce the harmful emissions from the internal combustion diesel engines. In order to use this product, the vehicle must be equipped with a SCR (Selective Catalytic Reduction) system.

Optimal storage temperature 5°C - 40°C. Avoid direct exposure to sunlight

#### PERFORMANCE LEVEL

Complies with the ISO standards 22241 1 to 4 previously known as DIN 70070 Specification As required by SCR equipped vehicles under the provisions of Emissions standards Euro IV (Euro4), Euro V (Euro5) & Euro VI (Euro6).

Urea Content       31.8       33.2       % by weight         Density at 20°C       1.0870       1.0930       g/cm³         Refracting Index at 20°C       1.3814       1.3843         Alkalinity as NH3       0.2       %         Biuret       0.3       %         Aldehyde       5       mg/kg         Insolubles       20       mg/kg         Phosphate (PO4)       0.5       mg/kg         Calcium       0.5       mg/kg         Iron       0.5       mg/kg         Copper       0.2       mg/kg         Zinc       0.2       mg/kg         Chromium       0.2       mg/kg         Nickel       0.2       mg/kg         Aluminium       0.5       mg/kg         Magnesium       0.5       mg/kg         Sodium       0.5       mg/kg         Potassium       0.5       mg/kg		Min	Max	
Refracting Index at 20°C       1.3814       1.3843         Alkalinity as NH3       0.2       %         Biuret       0.3       %         Aldehyde       5       mg/kg         Insolubles       20       mg/kg         Phosphate (PO4)       0.5       mg/kg         Calcium       0.5       mg/kg         Iron       0.5       mg/kg         Copper       0.2       mg/kg         Zinc       0.2       mg/kg         Chromium       0.2       mg/kg         Nickel       0.2       mg/kg         Aluminium       0.5       mg/kg         Magnesium       0.5       mg/kg         Sodium       0.5       mg/kg	Urea Content	31.8	33.2	% by weight
Alkalinity as NH3       0.2       %         Biuret       0.3       %         Aldehyde       5       mg/kg         Insolubles       20       mg/kg         Phosphate (PO4)       0.5       mg/kg         Calcium       0.5       mg/kg         Iron       0.5       mg/kg         Copper       0.2       mg/kg         Zinc       0.2       mg/kg         Chromium       0.2       mg/kg         Nickel       0.2       mg/kg         Aluminium       0.5       mg/kg         Magnesium       0.5       mg/kg         Sodium       0.5       mg/kg	Density at 20°C	1.0870	1.0930	g/cm³
Biuret       0.3       %         Aldehyde       5       mg/kg         Insolubles       20       mg/kg         Phosphate (PO4)       0.5       mg/kg         Calcium       0.5       mg/kg         Iron       0.5       mg/kg         Copper       0.2       mg/kg         Zinc       0.2       mg/kg         Chromium       0.2       mg/kg         Nickel       0.2       mg/kg         Aluminium       0.5       mg/kg         Magnesium       0.5       mg/kg         Sodium       0.5       mg/kg	Refracting Index at 20°C	1.3814	1.3843	
Aldehyde       5       mg/kg         Insolubles       20       mg/kg         Phosphate (PO4)       0.5       mg/kg         Calcium       0.5       mg/kg         Iron       0.5       mg/kg         Copper       0.2       mg/kg         Zinc       0.2       mg/kg         Chromium       0.2       mg/kg         Nickel       0.2       mg/kg         Aluminium       0.5       mg/kg         Magnesium       0.5       mg/kg         Sodium       0.5       mg/kg	Alkalinity as NH3		0.2	%
Insolubles       20       mg/kg         Phosphate (PO4)       0.5       mg/kg         Calcium       0.5       mg/kg         Iron       0.5       mg/kg         Copper       0.2       mg/kg         Zinc       0.2       mg/kg         Chromium       0.2       mg/kg         Nickel       0.2       mg/kg         Aluminium       0.5       mg/kg         Magnesium       0.5       mg/kg         Sodium       0.5       mg/kg	Biuret		0.3	%
Phosphate (PO4)       0.5       mg/kg         Calcium       0.5       mg/kg         Iron       0.5       mg/kg         Copper       0.2       mg/kg         Zinc       0.2       mg/kg         Chromium       0.2       mg/kg         Nickel       0.2       mg/kg         Aluminium       0.5       mg/kg         Magnesium       0.5       mg/kg         Sodium       0.5       mg/kg	Aldehyde		5	mg/kg
Calcium       0.5       mg/kg         Iron       0.5       mg/kg         Copper       0.2       mg/kg         Zinc       0.2       mg/kg         Chromium       0.2       mg/kg         Nickel       0.2       mg/kg         Aluminium       0.5       mg/kg         Magnesium       0.5       mg/kg         Sodium       0.5       mg/kg	Insolubles		20	mg/kg
Iron       0.5       mg/kg         Copper       0.2       mg/kg         Zinc       0.2       mg/kg         Chromium       0.2       mg/kg         Nickel       0.2       mg/kg         Aluminium       0.5       mg/kg         Magnesium       0.5       mg/kg         Sodium       0.5       mg/kg	Phosphate (PO4)		0.5	mg/kg
Copper         0.2         mg/kg           Zinc         0.2         mg/kg           Chromium         0.2         mg/kg           Nickel         0.2         mg/kg           Aluminium         0.5         mg/kg           Magnesium         0.5         mg/kg           Sodium         0.5         mg/kg	Calcium		0.5	mg/kg
Zinc       0.2       mg/kg         Chromium       0.2       mg/kg         Nickel       0.2       mg/kg         Aluminium       0.5       mg/kg         Magnesium       0.5       mg/kg         Sodium       0.5       mg/kg	Iron		0.5	mg/kg
Chromium         0.2         mg/kg           Nickel         0.2         mg/kg           Aluminium         0.5         mg/kg           Magnesium         0.5         mg/kg           Sodium         0.5         mg/kg	Copper		0.2	mg/kg
Nickel         0.2         mg/kg           Aluminium         0.5         mg/kg           Magnesium         0.5         mg/kg           Sodium         0.5         mg/kg	Zinc		0.2	mg/kg
Aluminium         0.5         mg/kg           Magnesium         0.5         mg/kg           Sodium         0.5         mg/kg	Chromium		0.2	mg/kg
Magnesium 0.5 mg/kg Sodium 0.5 mg/kg	Nickel		0.2	mg/kg
Sodium 0.5 mg/kg	Aluminium		0.5	mg/kg
5,10	Magnesium		0.5	mg/kg
Potassium 0.5 mg/kg	Sodium		0.5	mg/kg
	Potassium		0.5	mg/kg

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