

AdBlue®



Fully Licensed and Registered Aqueous Urea Solution
For use in Selective Catalytic Reduction (SCR) Systems

INTRODUCTION

INERXA AdBlue® is a reduction agent for oxides of nitrogen (NOx), required by Selective Catalytic Reduction (SCR) technology in diesel vehicles. SCR systems need the continuous provision of a solution of urea at 32.5% in order to operate correctly and efficiently. SCR technology has been developed to fulfil the requirements of regulated emission standards.

In recent years environmental concerns have led to the introduction of SCR systems to assist with the lowering of emissions and greenhouse gases.

INERXA AdBlue® works in the following way :

Vehicles that use SCR are fitted with a diesel exhaust catalyst or a diesel particulate filter (DPF). In the SCR system, an aqueous urea solution is injected into the hot exhaust gas prior to the gas reaching the exhaust catalyst or DPF. When this solution makes contact with the hot exhaust gasses, it releases ammonia. When this reaches the catalyst (DPF), it then causes a reaction where the noxious gases are broken down into nitrogen, oxygen and water.



APPLICATION

INERXA AdBlue® is added to a specially designed separate storage tank on SCR-equipped vehicles. It is dosed into the system at a rate equivalent to 3–5% of diesel consumption.

SCR systems are sensitive to chemical impurities in the urea solution, therefore it is essential that high quality control is maintained and important that INERXA AdBlue® is kept in accordance with the quality standards expressed in ISO22241.



PRODUCT BENEFITS

1. Reduces NOx emissions generated during the combustion process
2. AdBlue® has a safe record of use in Europe and the USA
3. Is non-toxic and safe to handle
4. INERXA AdBlue® is a registered and licensed product that is maintained in accordance with ISO 22241 specifications

STORAGE AND NOTATIONS

1. Store away from direct sunlight in a sealed package to avoid contamination with foreign particles and in a well ventilated area
2. Store below 30°C and above 11°C if possible
3. INERXA AdBlue® freezes at -11°C but when it thaws will retain its integrity and quality
4. Use within 12 months of date of manufacture

KEY SPECIFICATIONS

- DIN 70070
- AUS 32
- ISO 22241
- Manufactured with ISO 9001:2008
- 10L, 20L, 200L, 1000L, and Bulk

VDA QMC
Number 2147



TYPICAL DATA

- It is clear in colour
- Density at 20°C, kg/m³ : 1090
- Urea Content, % : 32.5
- Crystallization Point, °C : -11
- Viscosity at 25°C, mPa s : 1.4

SUMMARY

INERXA AdBlue® is a fully licensed and registered AdBlue® aqueous urea solution, 32.5% in weight (AUS 32), mixed with de-mineralised water for use in selected catalyst reduction systems. It is a clear solution that is non toxic and safe to handle.

AdBlue® is a trademark of Verband der Automobilindustrie e.V

CONTACTS

Telephone 1800 753 000
+61 8 9334 8700

61 Dowd Street
Welshpool WA 6106



AdBlue®

inerxa