

SILTEC

Blue Activ®

CONCENTRATED ADDITIVE FOR ADBLUE

THE PROFESSIONAL RANGE

A REMINDER OF WHAT ADBLUE IS ?

AdBlue is a colourless and pure aqueous solution composed of demineralised water (67.5%) and urea (32.5%). Soluble in water, it is a biodegradable product that is listed as non-polluting.

The main active ingredient of AdBlue is ammoniac, produced chemically by hydrolysis from "automotive urea", an essential raw material in the production of AdBlue. AdBlue is used by Diesel vehicles equipped with SCR technology (Selective Catalytic Reduction). The product is injected into the catalyser of the SCR system, where it triggers a chemical reaction with the ammoniac. This chemical reaction enables the conversion of 85% of pollutants (nitrogen oxides commonly referred to as NOx) in water vapour (H₂O) and in nitrogen (N₂), thus reducing particle emissions, with H₂O and N₂ not being dangerous for the environment.

ACTION OF "BLUE ACTIV®" ADDITIVE

Blue Activ® is a complex formulation that prevents the formation and deposit of dried urea on the catalyser (in particular in the case of repeated STOP and GO processes). The main action of **Blue Activ®** is the reduction of the surface tension, which greatly improves AdBlue's vaporisation capacity at the level of the catalyser, which explains the "Wetability" phenomenon. By adding AdBlue with **Blue Activ®**, the entire system is protected since it optimises its functioning, whilst also greatly reducing the appearance of cyanuric acid obtained by decomposition. Thus, the addition of **Blue Activ®** protects the SCR system from the formation of crystals which may cause its obstruction and the complete blockage of all the mechanisms.

ADVANTAGES

- Facilitates the transformation of urea into ammoniac at the level of the SCR catalyser.
- Contributes to reducing nitrogen oxide emissions from diesel vehicle exhausts.
- Prevents white crystals (cyanuric acid crystals), especially at low temperatures (- 10°C and below) which increase the phenomenon .
- Improves the performance of the SCR catalyser and optimises its longevity.
- Annihilates clogging by crystallisation and polymerisation which preserves AdBlue injectors, the exhaust and the catalysis surface.
- Reduces unnecessary and costly maintenance operations.

IMPORTANT

- **Blue Activ®** does not in any way alter the integrity of the properties of AdBLUE (listed according to the manufacturing standard 22241).

- **Blue Activ®** helps to reduce over-consumption caused by a saturated exhaust system.
- **Blue Activ®** protects against corrosion.

MAIN COMPONENTS

- DETERGENT.
- CRYSTALLINE DISPERSANT.
- SURFACE TENSION REDUCER.
- FREE METAL INHIBITOR.

PRECAUTIONS FOR STORAGE

Store at a maximum temperature of + 40°C and a minimum temperature of -10°C.

INSTRUCTIONS FOR USE

250ml: 50ml for every full tank.
Mix properly 2 LITRES of **Blue Activ®** with 1,000 LITRES of AdBlue at delivery.
(Slight foaming effect during mixing).

SECURITY

Blue Activ® requires special precautions when handling and using.
- Product for professional use. Consult MSDS (upon request).

PACKAGING

250ml bottle - 30 bottles per box.
2L bottle - 40 Boxes (6x2L)/ pallet.
Box 4x5L .
Jerrycans 20L - 30L - 60L.
Drum 210L.



www.siltec-actalys.com

ACTALYS - ZA DU HAUT DES TAPPES - BP 70065 - 54310 HOMECOURT - FRANCE
TEL +33 3 82 20 67 50 - FAX +33 9 70 61 29 66 - siltec-actalys@orange.fr