

Technical Information

Baynox Plus

Article No.:

56142464

Form supplied:

PURE

CAS-No.: 000119-47-1

2,2'-Methylen-bis-(4-methyl-6-tert.-butyl-phenol)

NET

Empirical formula: - - -

Structural formula: - - -

Germ. : Baynox Plus

Fr. : Baynox plus

Span. :

Port. :

Description:

White to pale beige coloured powder.

Valid from: 2006-08-25

Cancels edition dated: - - -

Reason for issue: First edition

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Baynox Plus

Specification:

Appearance: conforms with product description
Melting point : min. 124 °C

Specification values are subject of constant monitoring.

Characteristic data:

Solubility in bio diesel : 200 g/kg at room temperature
Bulk density : approx. 320 kg/cm³
Ash content : max. 0,1 %

Characteristic data provide further information about the product and are not subject to constant monitoring. They are therefore not binding (see notes in last section).

Uses:

Baynox Plus is suitable to stabilize biodiesel. Baynox Plus improves the stability performed by the rancimat test of DIN EN 14214.

Baynox Plus is especially suitable for biodiesel produced from vegetable oils with a high content of multiple unsaturated fatty acids, like soy, sunflower, jatropha oils and others. Baynox Plus should be used, if the activity of Baynox does not suffice.

The recommended dosage depends on the natural stability of the biodiesel, which can vary. Usual dosage of 0,02 – 0,1 weight-% should be sufficient.

It is recommend to prepare a stock of 15 – 20 % Baynox Plus in biodiesel, to filter the solution (50 µm-sieve) prior to use and to add this solution to the final biodiesel.

The dosage should be analytically tested with the customer's specific biodiesel.

Baynox Plus stops the oxidation of biodiesel, the acid value remains constant, and the rancimat test result will be improved.

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Baynox Plus

Uses:

The storage of Baynox Plus solutions can be done in tanks, which are of the same material and standard as tanks for biodiesel itself.

Standard packing and Storage:

Paper bag, contents 15 kg on pallets
Samples available upon request

Storage stability : max. 24 months

Shipping, toxicity and hazards:

The solution of Baynox in biodiesel discolours slowly to form a reddish colour. The increase of the red discoloration does not have any influence on the effectiveness of the product.

On standing Baynox Plus Solution might slowly change its colour to pale red. The increase in discoloring does not have any negative effect on the activity of the product.

Marking of the Baynox plus is not required.
Please note our EU-safety data sheet No. 56142464.

The aforementioned notices do not guarantee the general use of biodiesel from different origin in the used engines. This has to be tested and proved by the user and/or producer of the biodiesel under his own reliability. The car manufacturers guidance for the use of biodiesel has to be followed.

This information, with the exception of the data given in the section „Specification“, and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sale and Delivery.

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