

Technical Information

Vulkanox BHT

2,6-Di-tert.-butyl-4-methylphenol

Article No.:
05490154

Form supplied:
PURE

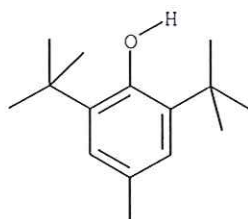
CAS-No.: 000128-37-0

mm = 220.4 g/mole

NET

Empirical formula: C₁₅H₂₄O

Structural formula:



Germ.: Vulkanox BHT

Fr.: Vulkanox BHT

Span.: Vulkanox BHT

Port.: Vulkanox BHT

Description : White crystals without odour.

Valid from: 2004-12-16
Cancels edition dated: 2004-08-25
Reason for issue: Change Segment Specification

Specification No.: 05490154-1-05

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Specification:

Appearance:	conforms with product description
Assay active substance (GC) without residual volatiles:	min. 99.8 %
Ash (sulphated ash):	max. 20 ppm *)
Colour number Hazen (APHA):	max. 10

Specification values are subject to constant monitoring.

**) Assay been made each 10th batch*

Characteristic data:

Density:	approx. 1.03 g/cm ³
Bulk density:	approx. 600 kg/m ³
Solidification point:	approx. 69.2 °C
Residual volatiles (Methanol):	approx. 3000 ppm
Melting point:	approx. 69.5 °C

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 :

Vulkanox BHT is a non toxic antioxidant of high efficacy. It protects organic material from oxidation by atmospheric oxygen.

Areas of application include: elastomers, thermoplastics, latices, polyether polyols, mineral oils, fuels, adhesives, dyestuffs, printing links, aliphatic and cyclic ethers, vegetable oils and plastics.

Special grades are available for applications involving biodiesel, foodstuffs, medicines and animal feeds.

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We would like to point out that for applications such as food, cosmetics, fragrance and pharma requiring

- a microbiological purity
- a quality corresponding to HACCP or GMP standards

BHT is offered in a special specification "Vulkanox BHT GMP Grade"

For the above applications only Vulkanox BHT GMP Grade should be used.

If our recommendation is not applied the user is acting on his own liability and risk.

Standard packing and Storage :

Protect from light, moisture and heat > 50°C.

Storage life is 2 years.

25 kg paper bag on pallets,

500 kg Big Bag or

25 kg PE-Bag special packing if required.

Shipping, toxicity and hazards :

Please note our EU-safety data sheet No. 077686

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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