Technical Information

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

Material No.:
05490154

Form supplied:
PURE

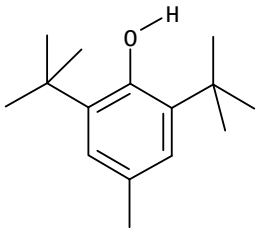
CAS-No.: 000128-37-0

mm = 220.4 g/mol

NET

Empirical formula: $C_{15}H_{24}O$

Structural formula:



Germ. : Vulkanox BHT

Fr. : Vulkanox BHT

Span. : Vulkanox BHT

Port. : Vulkanox BHT

Description:

White crystals without odour

Document is subject to
change without notice.

LANXESS Deutschland GmbH
Business Unit Advanced Industrial Intermediates
D-51369 Leverkusen

Vulkanox BHT

Specification:

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

Specification values are subject of constant monitoring.

Characteristic data:

Density :	approx. 1.03 g/cm³
Bulk density :	approx. 600 kg/m³
Solidification point :	approx. 69.2 °C
Residual volatiles (Methanol) :	max. 3000 ppm
Melting point :	approx. 69.5 °C
Ash (sulphated ash) :	max. 20 mg/kg

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).

REACH/uses:

Full registration according Article 10 (4) REACH-Registration, [EG] Nr. 1907/2006.

All identified uses are described in the savety data sheet of Vulkanox BHT.

Document is subject to change without notice.

LANXESS Deutschland GmbH
Business Unit Advanced Industrial Intermediates
D-51369 Leverkusen

Vulkanox BHT

Information about uses:

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

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

For applications involving biodiesel, foodstuffs, medicines and animal feeds, special grades are available: BAYNOX, Purolan BHT und Rovelox 100.

We would like to point out that for applications such as 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 these applications only Vulkanox BHT GMP Grade should be used.

If our recommendations for all uses are not applied the user is acting on his own liability and risk.

Standard packing and Storage:

25 kg paper bag on pallets,
500 kg Big Bag

If correctly stored and kept in the sealed package, the shelf life is at least 2 years.
Protect from light, moisture and heat > 50°C.

Shipping, toxicity and hazards:

Please note our EU-safety data sheet No. 05490154.

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.

Document is subject to
change without notice.

LANXESS Deutschland GmbH
Business Unit Advanced Industrial Intermediates
D-51369 Leverkusen