



Tiarco Chemical Europe GmbH



TRCC Europe GmbH

Technical Data Sheet

OCTOLITE BHT

Butylated Hydroxy Toluene (Food Grade)

CHEMICAL DESCRIPTION:

2,6-di-tert-butyl-p-cresol (C₁₅H₂₄O)
CAS No. 128-37-0
EC No. 204-881-4

TECHNICAL SPEZIFICATION

Molecular Weight :	220
Appearance:	White Crystalline Powder
Colour, APHA:	max. 50
Purity:	min. 99.5%
Melting Range:	67°C – 72°C
Boiling Point:	265 °C
Flash Point:	127 °C
Acid Value:	max. 0.5
Sulphated Ash:	max. 0.002% w/w
Heavy metal:	max. 10 ppm
Arsenic:	max. 1 ppm
Mercury:	max. 1 ppm
Freezing Point:	min. 69.2°C
Solubility:	Partially Soluble in D.M Water & Solution of Alkali Hydroxide, Soluble in 4 parts of ethanol, 0.5 parts of ether, 3 parts of fixed oil & in 5 parts of liquid Parrafin
Identification by IR:	Should be positive for BHT

Identification – Should be Positive (A 0.01% w/v solution of absolute alcohol: Should be Positive (A 0.01% w/v solution of absolute, **(By UV-VIS Spectrum):** shows maxima at 278 nm)

APPLICATION AND USE:

OCTOLITE BHT is an antioxidant used in polymers, elastomers, lubricants, greases and edible oils. It is used as a fuel additive and also used as a food and feed additive. There is a BfR and FDA approval for OCTOLITE BHT. Furthermore it conforms to the analytical requirements of the FCC (Food Chemical Codex).

OCTOLITE BHT components are listed or not required to be listed on the following: EINECS, TSCA, DSL, AICS, ECL

OCTOLITE BHT is E 321 Kosher certified.

STORAGE:

OCTOLITE BHT has a 24 months shelf life when properly sealed and stored (in a dry and dark area, at 25 °C).

The information provided herein is believed to be reliable; however, no guarantees are made or liability assumed.
Tiarco Chemical / TRCC makes no claims or warranties concerning the suitability of the product for a particular use or purpose.
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