



TECHNICAL DATA SHEET

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|--------------------------|---|
| Product Name | Butylated Hydroxy Toluene (FCC Crystal Grade) BHT complies with USP 38-NF 33. |
| Acronym | BHT |
| CAS No. | 128-37-0 |
| Synonyms | 2,6 di-tertiary butyl 4 methyl phenol |
| Chemical Formula | C ₁₅ H ₂₄ O |
| Molecular Weight | 220.34 |
| Description | BHT is a fat soluble organic compound that is primarily used as an antioxidant for food as well as cosmetics, pharmaceuticals, jet fuels, rubber, petroleum waxes, plastics, polyolefin, lubricating oils, transformer oils and synthetic oils. |
| Properties | |
| Density | 1.048 g/cc |
| Freezing Point | 70 °C |
| Boiling Point | 265 °C |
| Flash Point | 127 °C |
| Refractive Index | 1.486 |
| Bulk Density | 37.5 lb/ft ³ |
| Viscosity @ 80 °C | 3.5 cp |
| Application Areas | Food Additive Lubricants and Greases Vegetable Oils Edible Fats Plastics and Polymers Animal Feed / Pet Food Cosmetics and Personal Care |
| Packaging | |
| Pallet Size | 44 lb / 20 kg polylined bags 1760 lb / 800 kg per standard size pallet |
| Bulk | FCL of 16 MT palletized and shrink wrap |



Avalon Chemicals, Inc.

SPECIFICATION SHEET

Product : Butylated Hydroxy Toluene (FCC Crystal Grade)
CAS No. : 128-37-0

| Parameters | Specification |
|-------------------------------|-------------------------|
| Appearance | White crystalline solid |
| Assay | 99.0 % min |
| Freezing Point | 70 °C min |
| Sulphated Ash | 0.01 % max |
| Moisture | 0.1 % max |
| Arsenic (as As) | 3 ppm max |
| Heavy Metals (as lead) | 10 ppm max |
| Residue on ignition | 0.002 % max |
| Color | 20 APHA max |