

## BHT

### Specification Sheet

**Description:** BHT = butylated hydroxy-toluene (2,6-di-tert-butyl-4-methylphenol). Melting point 70°C (158°F). Purity 99%. Off white to yellowish crystals, characteristic odor. Insoluble in water. Partly soluble in ethyl alcohol, isopropyl alcohol and oils.

**CAS:** 128-37-0.

**INCI Name:** Butylated hydroxytoluene

**Benefits:**

- Neutralizes free oxygen radicals and acts as potent antioxidant
- Prevents auto-oxidation of organic materials (prevents rancidity of fats & oils)
- Extends shelf-life & stabilizes colorants of cosmetics

**Use:** Add to fat phase, typical usage 0.01-0.1%, best used in combination with EDTA. For external use only.

**Applications:** For stabilizing all kinds of cosmetics like creams, lotions, shampoos, makeup & sunscreen products.

**Country of Origin:** USA

**Raw material source:** P-cresol and isobutylene

**Manufacture:** BHT is produced by the reaction of p-cresol (4-methylphenol) with isobutylene (2-methylpropene) catalyzed by sulfuric acid.

**Animal Testing:** Not animal tested

**GMO:** GMO free (does not contain plant-derived components)

**Vegan:** Does not contain animal-derived components