



Avalon Chemicals, Inc.

NAME	TERTIARY BUTYL HYDROQUINONE (TBHQ—FCC)
CAS No.	1948-33-0
Synonyms	Mono-Tertiary butyl hydroquinone, Tert-Butyl-1,4-Benzenediol
Chemical Formula	C ₁₀ H ₁₄ O ₂
Molecular Weight	166.21
Description	TBHQ food-grade antioxidant can be used in stabilizing various oils, fats, foods, and cosmetics against oxidative deterioration, thus retarding development of rancidity in these products and extending shelf life. TBHQ is the most effective antioxidant for highly unsaturated vegetable oils and many edible animal fats. TBHQ shows no discoloration when used in the presence of iron and produces no discernible odor or flavor when added to various oils, fats, and foods.
PROPERTIES	
Density	1.05 g/cc
Melting range	126.5 – 128.5 °C
Boiling point	295 °C
Flash point	171 °C
APPLICATION AREAS	Food Additives Biodegradable Lubricants Vegetable Oils Edible Fats Flavorings Emulsifiers Animal feed / Pet food Cosmetics & Personal care
PACKAGING	
Drums / Pallets	55 lb polylined paper bags or fiber drums 990 lb or 1320 lb per pallet
Bulk	FCL of 9 or 12 MT palletized and shrink wrapped