

Tebol 99

Tertiary Butyl Alcohol
Pharmaceutical Applications

General

Tebol 99 tertiary butyl alcohol exhibits unique physical and chemical properties which contribute to its utility in the manufacture and administration of pharmaceuticals. Excellent solvating and coupling capabilities, in conjunction with its stability and low reactivity, make *Tebol 99* TBA an ideal solvent for various processing applications. *Tebol 99* TBA also serves as a convenient and readily available source of the tertiary butyl group.

Tebol 99 TBA has many potential applications in the pharmaceutical industry. A few of the possibilities are listed below:

Process Solvent: Excellent as a solvent for reactions, extractions, crystallizations and other process applications. Volatility allows for easy reduction of solvent residuals *Tebol 99* TBA is miscible with water and most organic solvents and demonstrates excellent coupling capabilities.

Synthetic Reagent: Effective source for introducing the tertiary butyl group into a wide variety of compounds, particularly aromatics and nitrogen derivatives. *Tebol 99* TBA is a convenient alternative to isobutylene, eliminating the difficulties associated with manipulating a gaseous reagent.

Diagnostic Kits: Solvency and compatibilizing properties provide for the convenient formulation of diagnostic kits for the medical profession. The excellent coupling capabilities of *Tebol 99* TBA can be utilized to dissolve normally incompatible substances and solvents.

Denaturant for Ethanol: Approved denaturant utilized in SD 40 Alcohol. *Tebol 99* TBA is a major ingredient in denatured ethanol utilized in many personal care products.

Some of the advantages of <i>Tebol 99</i> TBA are:	
Solvating Strength	Volatility
Coupling Ability	Storage Stability
Compatibilizing Capability	Mild Thickening Agent
Oxidative Stability	Surfactant-like Properties
Low Reactivity	Readily Available

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