Description

**ATBC** is an organic origin mono constituent substance; their solvent power ensures compatibility with all resins improving the dissolution of the blend.

Properties

**ATBC** is a plasticizer that has a high boiling point and molecular weight; there is not loss volatility.

**ATBC** is a product with high resistance to light and heat. Also, it has high resistance to extraction in the spacious range of dissolvent and high resistance migration, due to their low molecular mobility.

**ATBC** is a monomeric plasticizer therefore is recommended to use it with **Plasticizer E** (Epoxidized Soybean oil) to stabilize light and heat.

**ATBC** improves the flexibility at low temperatures and ultraviolet rays (UV) resistance of resins.

**ATBC** is a plasticizer that reduces the power of deformation and increases plasticity and elasticity.

**ATBC** avoids the discoloration during the sealing process.

**ATBC** is a plasticizer highly biodegradable, and it is a substitute of DEHP and DINP.

Legislation

Concerning plastic materials intended to come into contact with food: Regulation 10/2011 with the nº MCA 138 and meets the following FDA regulations: 172.515, 175.105, 175.300, 176.170, 176.180, 177.1200, 177.3910 and 181.27.

**INCI denomination:** Acetyl tributyl Citrate as film former.

**REACH**

Register number 01-2119457265-36-000X.

Application

**ATBC** is used in a lot of applications in the thermoplastic industry, because it is recognized as a food contact additive. Its most important applications are the following: as plasticizer in toys, in Nitrocellulose provides a better resistance to yellowish and a better adhesion to metals, as an aqueous emulsion to the latex, food wraps film to the low temperature, ink for food and pharmaceutical / medical in general.

**Indicative dosage**

Food contact: 3-5% on resin. Other applications: 30 – 50%.

**Packaging**

IBC 1.000 kg and drums 215 kg.