



Tributyl citrate (TBC)

English name: tributyl citrate

Molecular formula: C₁₈H₃₂O₇

Molecular weight: 360.44

CAS NO: 77-94-1

Properties: Environmentally friendly, non-toxic, fruity flavor, boiling point 170°C (133.3Pa), flash point (open cup) 185°C, soluble in most organic solvents.

appearance	Colorless transparent liquid
Color (Pt-co)	≤50#
Ester content %	≥99.0
Acid value (mgKOH/g)	≤0.2
Moisture (wt), %	≤0.25
Refractive index (25°C/D)	1.443~1.445
Relative density (25/25 ° C)	1.037~1.045
Heavy metals (Pb)	≤10ppm
Arsenic (As)	≤3ppm

Use: Tributyl citrate (TBC) is a good environmental protection plasticizer, lubricant. This product has low volatility, good compatibility with resin, high plasticizing efficiency, and is allowed to be used in packaging and medical and health products, as well as soft toys for children, pharmaceuticals, medical products, cosmetics manufacturing and other industries in Europe and the United States.

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It can give products good cold resistance, water resistance and mildew resistance. Resin plasticized by this product shows good transparency and low temperature winding performance, and has low volatility and low withdrawability in different media, good thermal stability, and does not change color when heated. The lubricating oil prepared with this product has good lubricating properties.

Packing: 200L plastic drum, net weight 200Kg per barrel.