



Shanghai King Chemical Co.,Ltd

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TECHNICAL DATA SHEET

Products Description

Product Name: Acetyl Tributyl Citrate

Synonyms ATBC, Tributyl 2-acetyl citrate

Molecular Formula C₂₀H₃₄O₈

Molecular Weight 402.48

CAS Number 77-90-7

EINECS/ELINCS 201-067-0

Item	Specification
Appearance	Colorless clear liquid
Ester Content	99.0% min
Color	30APHA max
Acid Number	0.2mgKOH/g max
Water	0.15% max
Relative Density (20/20°C)	1.045-1.055
Refractive index(25° C/D)	1.4410~1.4425
Heavy Metal (Pb)	10ppm max
As	3ppm max

Application

ATBC is mainly used as a plasticizer for polymers such as PVDC, PVC and PVAc. It can be used in the field of food additive, food contact material, toys and medical products. ATBC is used in electrical coatings and casings because of its solvating characteristics. It is also used in inks. ATBC is also used in hair sprays and aerosol bandages.