



Technical Data Sheet(TDS)

TRIBUTYL CITRATE

English name:Tributyl citrate;TBC

Byname:tributyl ester;tri-n-butyl citrate

CAS NO.: 77-94-1

Molecular formula

C₁₈H₃₂O₇

Molecular weight

360.44

Property

Colorless transparent oily liquid, boiling point: 170° C(133.3Pa), flash point(open):185° C. Soluble in most organic solvents. Small volatility, good compatibility with resin, good plasticization effect. Resistance to coldness, water. LD50=2900mg/kg.

Use

This product is innocuous plasticizer, mainly , innocuous PVC grain, Produce food packaging material, medical products, prepare flavor, essence, soft toys for children and produce cosmetics etc..

Appearance	Colorless transparent liquid
Color(Pt-Co)	≤ 30#
Content,%	≥ 99.0
Acidity(mgKOH/g)	≤ 0.2
Water content(wt),%	≤ 0.25
Refractive index(25° C/D)	1.443~ 1.445
Relative density(25/25° C)	1.037~ 1.045
Heavy metal(base on Pb)	≤ 10ppm
Arsenic(As)	≤ 3ppm

Packaging

210 litre mild steel drums containing 220kg nett.

1000 litre IBC's containing 1000kg nett

20000KGS/ISO-TANK

Shelf life :12 months